

Publications

Overview Bibliometry *(Last update: January 19, 2026)*

	Number of publications	Cumulativ IF
Total	472	3557,580
First and last author	99	719,846
Co-authorships	373	2837,734
∅ IF per publication:	7,44	

Databases

Web of Science *(Last update: January 19, 2026)*

ORCID iD:	0000-0003-4413-9752
Publications	460
Citations	28,069
Average citations per publication	61.02
Citing article	23,741
<i>h</i> -index	72

GoogleScholar *(Last update: January 19, 2026)*

Citations	45.284
<i>h</i> -index	92
i10-index	366

Scopus *(Last update: January 19, 2026)*

Publications	378
Citations	30,299
<i>h</i> -index	73

First and last authorships including shared first and last authorships

(Total number 99, Cumulative IF: 719,846)

1. Zeid S, Buch G, Söhne J, Velmeden D, Tröbs SO, Dinh W, Simon P, Michal M, Prochaska JH, Wild PS. App-Based Coaching Improves Physical Activity in Patients With HFpEF: Results of the MyoMobile Trial. *JACC Heart Fail.* 2025 Dec 29 (IF 15,200)
2. Wild PS, Zeller T. From locus to lipase: LIPA as a paradigm for post-GWAS mechanistic and translational research in CAD. *Eur Heart J.* 2025 Oct 9 (IF 35,600)
3. Schuster AK, Welzel AM, Jäger T, Nickels S, Schulz A, Faber J, Merzenich H, Schmidtman I, Münzel T, Lackner KJ, Beutel ME, Pfeiffer N, Wild PS. Altered Neuroretinal Tissue in Childhood Cancer Survivors: Data From the German CVSS Study. *Transl Vis Sci Technol.* 2025 Oct 1 (IF 2,600)
4. Baumkötter R, Yilmaz S, Chalabi J, Ten Cate V, Mamoor Alam AS, Golriz Khatami S, Zahn D, Hettich-Damm N, Prochaska JH, Schmidtman I, Lehnert K, Steinmetz A, Dörr M, Pfeiffer N, Münzel T, Lackner KJ, Beutel ME, Wild PS. Risk tools for predicting long-term sequelae based on symptom profiles after known and undetected SARS-CoV-2 infections in the population. *Eur J Epidemiol.* 2025 May 19 (IF 7,700)
5. Zeid S, Prochaska JH, Schuch A, Tröbs SO, Schulz A, Münzel T, Pies T, Dinh W, Michal M, Simon P, Wild PS. Personalized app-based coaching for improving physical activity in heart failure with preserved ejection fraction patients compared with standard care: rationale and design of the MyoMobile Study. *Eur Heart J Digit Health.* 2025 Jan 30 (IF 4,400)
6. Schuster AK, Voigt AM, Jäger T, Nickels S, Schulz A, Faber J, Wingerter A, Merzenich H, Schmidtman I, Beutel ME, Münzel T, Lackner KJ, Pfeiffer N, Wild PS. Altered retinal vasculature in childhood cancer survivors: Data from the German CVSS-study. *Acta Ophthalmol.* 2025 Jan 23 (IF 3,000)
7. Boeckmans J, Prochaska JH, Gieswinkel A, Böhm M, Wild PS, Schattenberg JM. Clinical utility of the Fibrosis-4 index for predicting mortality in patients with heart failure with or without metabolic dysfunction-associated steatotic liver disease: a prospective cohort study. *Lancet Reg Health Eur.* 2024 Nov 30;48:101153. (IF 13,600)
8. Unterrainer JM, Petersen J, Schmidt P, Ernst M, Wirtz MA, Reinwarth AC, Wicke F, Ghaemi Kerahrodi J, Michal M, Münzel T, König J, Lackner KJ, Pfeiffer N, Tüscher O, Galle PR, Beutel M, Wild PS. Different risk and protective factors predict change of planning ability in middle versus older age. *Sci Rep.* 2024 Oct 25;14(1):25275. (IF 3,800)
9. Zeid S, Buch G, Velmeden D, Söhne J, Schulz A, Schuch A, Tröbs SO, Heidorn MW, Müller F, Strauch K, Coboecken K, Lackner KJ, Gori T, Münzel T, Prochaska JH, Wild PS. Heart rate variability: reference values and role for clinical profile and mortality in individuals with heart failure. *Clin Res Cardiol.* 2024 Sep;113(9):1317-1330. (IF 3,800)
10. Buch G, Schulz A, Schmidtman I, Strauch K, Wild PS. Sparse Group Penalties for bi-level variable selection. *Biom J.* 2024 Jun;66(4):e2200334. (IF 1,700)
11. Panova-Noeva M, Koeck T, Schoelch C, Schulz A, Prochaska JH, Michal M, Strauch K, Schuster AK, Lackner KJ, Münzel T, Hennige AM, Wild PS. Obesity-related inflammatory

- protein signature in cardiovascular clinical outcomes: results from the Gutenberg Health Study. *Obesity* (Silver Spring). 2024 Apr 25. (IF 6,900)
12. Buch G, Schulz A, Schmidtman I, Strauch K, Wild PS. Interpretability of bi-level variable selection methods. *Biom J*. 2024 Mar;66(2):e2300063. (IF 1,700)
 13. Müller FS, Aherrahrou Z, Grasshoff H, Heidorn MW, Humrich JY, Johanson L, Aherrahrou R, Reinberger T, Schulz A, Ten Cate V, Robles AP, Koeck T, Rapp S, Lange T, Brachaczek L, Luebber F, Erdmann J, Heidecke H, Schulze-Forster K, Dechend R, Lackner KJ, Pfeiffer N, Ghaemi Kerahrodi J, Tüscher O, Schwarting A, Strauch K, Münzel T, Prochaska JH, Riemekasten G, Wild PS. Autoantibodies against the chemokine receptor 3 predict cardiovascular risk. *Eur Heart J*. 2023 Dec 14;44(47):4935-4949. (IF 39,300)
 14. Ten Cate V, Rapp S, Schulz A, Pallares Robles A, Jurk K, Koeck T, Espinola-Klein C, Halank M, Seyfarth HJ, Beutel ME, Schuster AK, Marini F, Hobohm L, Lankeit M, Lackner KJ, Ruf W, Münzel T, Andrade-Navarro MA, Prochaska JH, Konstantinides SV, Wild PS. Circulating microRNAs predict recurrence and death following venous thromboembolism. *J Thromb Haemost*. 2023 Oct;21(10):2797-2810. (IF 10,400)
 15. Göbel S, Wingerter A, Prochaska JH, Schulz A, Neu MA, Henninger N, Spix C, Beutel M, Lackner K, Münzel T, Lam CS, Merzenich H, Faber J, Wild PS. Development and Phenotype of Heart Failure in Long-Term Survivors of Childhood Cancer: The CVSS Study. *J Am Heart Assoc*. 2023 Oct 3;12(19):e030020. (IF 5,400)
 16. Pallares Robles A, Ten Cate V, Lenz M, Schulz A, Prochaska JH, Rapp S, Koeck T, Leineweber K, Heitmeier S, Opitz CF, Held M, Espinola-Klein C, Lackner KJ, Münzel T, Konstantinides SV, Ten Cate-Hoek A, Ten Cate H, Wild PS. Unsupervised clustering of venous thromboembolism patients by clinical features at presentation identifies novel endotypes that improve prognostic stratification. *Thromb Res*. 2023 Jul;227:71-81. (IF 7,500)
 17. Zeid S, Buch G, Velmeden D, Söhne J, Schulz A, Schuch A, Tröbs SO, Heidorn MW, Müller F, Strauch K, Coboeken K, Lackner KJ, Gori T, Münzel T, Prochaska JH, Wild PS. Heart rate variability: reference values and role for clinical profile and mortality in individuals with heart failure. *Clin Res Cardiol*. 2023 Jul 9. (IF 5,000)
 18. Prochaska JH, Jünger C, Schulz A, Arnold N, Müller F, Heidorn MW, Baumkötter R, Zahn D, Koeck T, Tröbs SO, Lackner KJ, Daiber A, Binder H, Shah SJ, Gori T, Münzel T, Wild PS. Effects of empagliflozin on left ventricular diastolic function in addition to usual care in individuals with type 2 diabetes mellitus—results from the randomized, double-blind, placebo-controlled EmDia trial. *Clin Res Cardiol*. 2023 Jul;112(7):911-922. (IF 5,000)
 19. Arnold N, Hermanns IM, Schulz A, Hahad O, Schmitt VH, Panova-Noeva M, Prochaska JH, Binder H, Pfeiffer N, Beutel M, Lackner KJ, Münzel T, Wild PS. Renin, aldosterone, the aldosterone-to-renin ratio, and incident hypertension among normotensive subjects from the general population. *Cardiovasc Res*. 2023 Mar 17;119(1):294-301. (IF 10,900)
 20. Ten Cate V, Prochaska JH, Schulz A, Nagler M, Robles AP, Jurk K, Koeck T, Rapp S, Düber C, Münzel T, Konstantinides SV, Wild PS. Clinical profile and outcome of isolated pulmonary embolism: a systematic review and meta-analysis. *EClinicalMedicine*. 2023 Apr 27;59:101973. (IF 15,100)

21. Krolevets M, Cate VT, Prochaska JH, Schulz A, Rapp S, Tenzer S, Andrade-Navarro MA, Horvath S, Niehrs C, Wild PS. DNA methylation and cardiovascular disease in humans: a systematic review and database of known CpG methylation sites. *Clin Epigenetics*. 2023 Mar 30;15(1):56. (IF 5,700)
22. Buch G, Schulz A, Schmidtman I, Strauch K, Wild PS. A systematic review and evaluation of statistical methods for group variable selection. *Stat Med*. 2023 Feb 10;42(3):331-352. (IF 2,000)
23. Baumkötter R, Yilmaz S, Zahn D, Fenzl K, Prochaska JH, Rossmann H, Schmidtman, Schuster AK, Beutel ME, Lackner KJ, Münzel T, Wild PS. Protective behavior and SARS-CoV-2 infection risk in the population - Results from the Gutenberg COVID-19 study. *BMC Public Health*. 2022 Oct 31;22(1):1993. (IF 4,500)
24. Panova-Noeva M, Wagner B, Nagler M, Koeck T, Ten Cate V, Eggebrecht L, Prochaska JH, Meyer I, Gerdes C, Spronk HM, Lackner KJ, Ten Cate H, Leineweber K, Heitmeier S, Konstantinides S and Wild PS. Variation of platelet function in clinical phenotypes of acute venous thromboembolism - Results from the GMP-VTE project. *J Thromb Haemost*. 2022;20:705-715. (IF 10,400)
25. Schmitt VH, Leuschner A, Jünger C, Pinto A, Hahad O, Schulz A, Arnold N, Tröbs SO, Panova-Noeva M, Keller K, Zeller T, Beutel M, Pfeiffer N, Strauch K, Blankenberg S, Lackner KJ, Prochaska JH, Wild PS and Münzel T. Cardiovascular profiling in the diabetic continuum: results from the population-based Gutenberg Health Study. *Clin Res Cardiol*. 2022;111:272-283. (IF 6,138)
26. Pallares Robles A, Ten Cate V, Schulz A, Prochaska JH, Rapp S, Koeck T, Panova-Noeva M, Heitmeier S, Schwers S, Leineweber K, Seyfarth HJ, Opitz CF, Spronk H, Espinola-Klein C, Lackner KJ, Münzel T, Andrade-Navarro MA, Konstantinides SV, Ten Cate H and Wild PS. Association of FXI activity with thrombo-inflammation, extracellular matrix, lipid metabolism and apoptosis in venous thrombosis. *Sci Rep*. 2022;12:9761. (IF 4,600)
27. Merzenich H, Baaken D, Schneider A, Neu MA, Wingerter A, Faber J, Wild PS and Spix C. Mortality risk among 5-year survivors of childhood cancer in Germany-Results from the CVSS study (Cardiac and Vascular late Sequelae in long-term Survivors of childhood cancer study). *Int J Cancer*. 2022;150:67-72. (IF 7,316)
28. Keller K, Prochaska JH, Coldewey M, Göbel S, Schmitt VH, Hahad O, Ullmann A, Nagler M, Lamparter H, Espinola-Klein C, Münzel T and Wild PS. Atherosclerosis and Its Impact on the Outcomes of Patients with Deep Venous Thrombosis. *Life (Basel)*. 2022;12. (IF 3,200)
29. Jünger C, Prochaska JH, Gori T, Schulz A, Binder H, Daiber A, Koeck T, Rapp S, Lackner KJ, Münzel T and Wild PS. Rationale and design of the effects of EMPagliflozin on left ventricular DIAstolic function in diabetes (EmDia) study. *J Cardiovasc Med (Hagerstown)*. 2022;23:191-197. (IF 3,000)
30. van Paridon PCS, Panova-Noeva M, van Oerle R, Schulz A, Prochaska JH, Arnold N, Schmidtman I, Beutel M, Pfeiffer N, Münzel T, Lackner KJ, Hackeng TM, Ten Cate H, Wild PS and Spronk HMM. Relation between Tissue Factor Pathway Inhibitor Activity and Cardiovascular Risk Factors and Diseases in a Large Population Sample. *Thromb Haemost*. 2021;121:174-181. (IF 6,681)
31. Tröbs SO, Prochaska JH, Schwuchow-Thonke S, Schulz A, Müller F, Heidorn MW, Göbel S, Diestelmeier S, Lerma Monteverde J, Lackner KJ, Gori T, Münzel T and Wild PS.

- Association of Global Longitudinal Strain With Clinical Status and Mortality in Patients With Chronic Heart Failure. *JAMA Cardiol.* 2021;6:448-456. (IF 30,157)
32. Ten Cate V, Prochaska JH, Schulz A, Koeck T, Pallares Robles A, Lenz M, Eggebrecht L, Rapp S, Panova-Noeva M, Ghofrani HA, Meyer FJ, Espinola-Klein C, Lackner KJ, Michal M, Schuster AK, Strauch K, Zink AM, Laux V, Heitmeier S, Konstantinides SV, Münzel T, Andrade-Navarro MA, Leineweber K and Wild PS. Protein expression profiling suggests relevance of noncanonical pathways in isolated pulmonary embolism. *Blood.* 2021;137:2681-2693. (IF 25,669)
 33. Ten Cate V, Koeck T, Prochaska J, Schulz A, Panova-Noeva M, Rapp S, Eggebrecht L, Lenz M, Glunz J, Sauer M, Ewert R, Halank M, Münzel T, Heitmeier S, Andrade-Navarro MA, Lackner KJ, Konstantinides SV, Leineweber K and Wild PS. A targeted proteomics investigation of the obesity paradox in venous thromboembolism. *Blood Adv.* 2021;5:2909-2918. (IF 7,642)
 34. Schmitt VH, Prochaska JH, Föll AS, Schulz A, Keller K, Hahad O, Koeck T, Tröbs SO, Rapp S, Beutel M, Pfeiffer N, Strauch K, Lackner KJ, Münzel T and Wild PS. Galectin-3 for prediction of cardiac function compared to NT-proBNP in individuals with prediabetes and type 2 diabetes mellitus. *Sci Rep.* 2021;11:19012. (IF 4,997)
 35. Schmitt VH, Billaudelle AM, Schulz A, Keller K, Hahad O, Tröbs SO, Koeck T, Michal M, Schuster AK, Toenges G, Lackner KJ, Prochaska JH, Münzel T and Wild PS. Disturbed Glucose Metabolism and Left Ventricular Geometry in the General Population. *J Clin Med.* 2021;10. (IF 4,964)
 36. Rodionov RN, Beyer-Westendorf J, Bode-Böger SM, Eggebrecht L, Konstantinides S, Martens-Lobenhoffer J, Nagler M, Prochaska J and Wild P. Homoarginine and methylarginines independently predict long-term outcome in patients presenting with suspicion of venous thromboembolism. *Sci Rep.* 2021;11:9569. (IF 4,997)
 37. Prochaska JH, Arnold N, Falcke A, Kopp S, Schulz A, Buch G, Moll S, Panova-Noeva M, Jünger C, Eggebrecht L, Pfeiffer N, Beutel M, Binder H, Grabbe S, Lackner KJ, Ten Cate-Hoek A, Espinola-Klein C, Münzel T and Wild PS. Chronic venous insufficiency, cardiovascular disease, and mortality: a population study. *Eur Heart J.* 2021;42:4157-4165. (IF 35,855)
 38. Keller K, Sinning C, Schulz A, Jünger C, Schmitt VH, Hahad O, Zeller T, Beutel M, Pfeiffer N, Strauch K, Blankenberg S, Lackner KJ, Prochaska JH, Schulz E, Münzel T and Wild PS. Right atrium size in the general population. *Sci Rep.* 2021;11:22523. (IF 4,997)
 39. Göbel S, Prochaska JH, Tröbs SO, Panova-Noeva M, Espinola-Klein C, Michal M, Lackner KJ, Gori T, Münzel T and Wild PS. Rationale, design and baseline characteristics of the MyoVasc study: A prospective cohort study investigating development and progression of heart failure. *Eur J Prev Cardiol.* 2021;28:1009-1018. (IF 8,526)
 40. Eggebrecht L, Ludolph P, Göbel S, Panova-Noeva M, Arnold N, Nagler M, Bickel C, Lauterbach M, Hardt R, Cate HT, Lackner KJ, Espinola-Klein C, Münzel T, Prochaska JH and Wild PS. Cost saving analysis of specialized, eHealth-based management of patients receiving oral anticoagulation therapy: Results from the thrombEVAL study. *Sci Rep.* 2021;11:2577. (IF 4,997)
 41. Arnold N, Merzenich H, Wingerter A, Schulz A, Schneider A, Prochaska JH, Göbel S, Neu MA, Henninger N, Panova-Noeva M, Eckerle S, Spix C, Schmidtman I, Lackner KJ, Beutel ME, Pfeiffer N, Münzel T, Faber J and Wild PS. Promotion of Arterial Stiffness by

- Childhood Cancer and Its Characteristics in Adult Long-Term Survivors. *J Am Heart Assoc.* 2021;10:e015609. (IF 6,107)
42. Arnold N, Deiseroth A, Hahad O, Diestelmeier S, Schulz A, Daubenbüchel A, Gori T, Binder H, Pfeiffer N, Prochaska J, Beutel M, Lackner KJ, Münzel T and Wild PS. Domains of Physical Activity in Relation to Stiffness Index in the General Population. *J Am Heart Assoc.* 2021;10:e020930. (IF 6,107)
 43. Wild PS, Dimmeler S and Eschenhagen T. An epidemiological study exploring a possible impact of treatment with ACE inhibitors or angiotensin receptor blockers on ACE2 plasma concentrations. *J Mol Cell Cardiol.* 2020;141:108-109. (IF 5,000)
 44. Ten Cate V, Eggebrecht L, Schulz A, Panova-Noeva M, Lenz M, Koeck T, Rapp S, Arnold N, Lackner KJ, Konstantinides S, Espinola-Klein C, Münzel T, Prochaska JH and Wild PS. Isolated Pulmonary Embolism Is Associated With a High Risk of Arterial Thrombotic Disease: Results From the VTEval Study. *Chest.* 2020;158:341-349. (IF 9,41)
 45. Schuster AK, Leuschner A, Feretos C, Blumenstein P, Troebs SO, Schwuchow S, Schulz A, Nickels S, Mirshahi A, Blettner M, Beutel ME, Lackner KJ, Münzel T, Pfeiffer N and Wild PS. Choroidal thickness is associated with cardiovascular risk factors and cardiac health: the Gutenberg Health Study. *Clin Res Cardiol.* 2020;109:172-182. (IF 5,46)
 46. Prochaska JH, Müller F and Wild PS. Impact of diesel exposure on human health: the saga continues *Eur J Prev Cardiol.* 2020. (IF 8,526)
 47. Panova-Noeva M, Wagner B, Nagler M, Koeck T, Ten Cate V, Prochaska JH, Heitmeier S, Meyer I, Gerdes C, Laux V, Konstantinides S, Spronk HM, Münzel T, Lackner KJ, Leineweber K, Ten Cate H and Wild PS. Comprehensive platelet phenotyping supports the role of platelets in the pathogenesis of acute venous thromboembolism - results from clinical observation studies. *EBioMedicine.* 2020;60:102978. (IF 8,143)
 48. Ten Cate V, Koeck T, Panova-Noeva M, Rapp S, Prochaska JH, Lenz M, Schulz A, Eggebrecht L, Hermanns MI, Heitmeier S, Krahn T, Laux V, Münzel T, Leineweber K, Konstantinides SV and Wild PS. A prospective cohort study to identify and evaluate endotypes of venous thromboembolism: Rationale and design of the Genotyping and Molecular Phenotyping in Venous ThromboEmbolism project (GMP-VTE). *Thromb Res.* 2019;181:84-91. (IF 2,869)
 49. Prochaska JH, Tröbs SO and Wild PS. PCSK9: A link between air pollution and cardiovascular disease? *Eur J Prev Cardiol.* 2019;26:576-577. (IF 5,864)
 50. Prochaska JH, Luther N, Brähler M, Schulz A, Hermanns MI, Lackner KJ, Espinola-Klein C, Münzel T, Wild PS and Becker C. Acute deep vein thrombosis suppresses peripheral T cell effector function. *Br J Haematol.* 2019;184:847-850. (IF 5,128)
 51. Prochaska JH, Hausner C, Nagler M, Göbel S, Eggebrecht L, Panova-Noeva M, Arnold N, Lauterbach M, Bickel C, Michal M, Hardt R, Espinola-Klein C, Lackner KJ, Münzel T and Wild PS. Subtherapeutic Anticoagulation Control under Treatment with Vitamin K-Antagonists-Data from a Specialized Coagulation Service. *Thromb Haemost.* 2019;119:1347-1357. (IF 4,385)
 52. Panova-Noeva M, Wagner B, Nagler M, Arnold N, Prochaska JH, Eckerle S, Spronk HM, Merzenich H, Wingerter A, Schneider A, Danckwardt S, Ten Cate H, Faber J and Wild PS. Relation between platelet coagulant and vascular function, sex-specific analysis in

- adult survivors of childhood cancer compared to a population-based sample. *Sci Rep.* 2019;9:20090. (IF 3,998)
53. Panova-Noeva M, Neu MA, Eckerle S, Spix C, Schneider A, Schmidtmann I, Spronk HM, Pfeiffer N, Beutel M, Lackner KJ, Münzel T, Ten Cate H, Merzenich H, Faber J and Wild PS. Cardiovascular risk factors are important determinants of platelet-dependent thrombin generation in adult survivors of childhood cancer. *Clin Res Cardiol.* 2019;108:438-447. (IF 5,268)
 54. Panova-Noeva M, Eggebrecht L, Prochaska JH and Wild PS. Potential of Multidimensional, Large-scale Biodatabases to Elucidate Coagulation and Platelet Pathways as an Approach towards Precision Medicine in Thrombotic Disease. *Hamostaseologie.* 2019;39:152-163. (IF 0,873)
 55. Münzel T, Hahad O, Gori T, Hollmann S, Arnold N, Prochaska JH, Schulz A, Beutel M, Pfeiffer N, Schmidtmann I, Lackner KJ, Keaney JF, Jr. and Wild PS. Heart rate, mortality, and the relation with clinical and subclinical cardiovascular diseases: results from the Gutenberg Health Study. *Clin Res Cardiol.* 2019;108:1313-1323. (IF 5,268)
 56. Eggebrecht L, Prochaska JH, Tröbs SO, Schwuchow-Thonke S, Göbel S, Diestelmeier S, Schulz A, Arnold N, Panova-Noeva M, Koeck T, Rapp S, Gori T, Lackner KJ, Ten Cate H, Münzel T and Wild PS. Direct oral anticoagulants and vitamin K antagonists are linked to differential profiles of cardiac function and lipid metabolism. *Clin Res Cardiol.* 2019;108:787-796. (IF 5,268)
 57. Eggebrecht L, Nagler M, Göbel S, Lamparter H, Keller K, Wagner B, Panova-Noeva M, Ten Cate V, Bickel C, Lauterbach M, Espinola-Klein C, Hardt R, Münzel T, Prochaska JH and Wild PS. Relevance of Polypharmacy for Clinical Outcome in Patients Receiving Vitamin K Antagonists. *J Am Geriatr Soc.* 2019;67:463-470. (IF 4,18)
 58. Cate VT, Nagler M, Panova-Noeva M, Eggebrecht L, Arnold N, Lamparter H, Hermanns MI, Ten Cate H, Prins MH, Espinola-Klein C, Münzel T, Lackner KJ, Wild PS and Prochaska JH. The diagnostic performance of renal function-adjusted D-dimer testing in individuals suspected of having venous thromboembolism. *Haematologica.* 2019;104:e424-e427. (IF 7,116)
 59. Prochaska JH and Wild PS. Traffic-associated air pollution as a risk factor for cancer in individuals with coronary artery disease. *Eur J Prev Cardiol.* 2018;25:1117-1119. (IF 5,64)
 60. Prochaska JH, Göbel S, Nagler M, Knöpfler T, Eggebrecht L, Lamparter H, Panova-Noeva M, Keller K, Coldewey M, Bickel C, Lauterbach M, Hardt R, Espinola-Klein C, Ten Cate H, Rostock T, Münzel T and Wild PS. Sustained atrial fibrillation increases the risk of anticoagulation-related bleeding in heart failure. *Clin Res Cardiol.* 2018;107:1170-1179. (IF 4,907)
 61. Prochaska JH, Arnold N, Jünger C, Münzel T and Wild PS. [Prevention of cardiovascular diseases]. *Herz.* 2018;43:87-100. (IF 0,995)
 62. Panova-Noeva M, Schulz A, Spronk HM, Beicht A, Laubert-Reh D, van Oerle R, Arnold N, Prochaska JH, Blettner M, Beutel M, Pfeiffer N, Münzel T, Lackner KJ, Ten Cate H and Wild PS. Clinical Determinants of Thrombin Generation Measured in Presence and Absence of Platelets-Results from the Gutenberg Health Study. *Thromb Haemost.* 2018;118:873-882. (IF 4,733)

63. Panova-Noeva M, Schulz A, Arnold N, Hermanns MI, Prochaska JH, Laubert-Reh D, Spronk HM, Blettner M, Beutel M, Pfeiffer N, Münzel T, Lackner KJ, Ten Cate H and Wild PS. Coagulation and inflammation in long-term cancer survivors: results from the adult population. *J Thromb Haemost.* 2018;16:699–708. (IF 4,662)
64. Göbel S, Prochaska JH, Eggebrecht L, Schmitz R, Jünger C, Lamparter H, Nagler M, Keller K, Coldewey M, Tröbs SO, Diestelmeier S, Schwuchow-Thonke S, Bickel C, Lauterbach M, Lackner KJ, Cate HT, Münzel T, Hardt R and Wild PS. Management of Oral Anti-Coagulation in Patients with Heart Failure–Insights from the ThrombEVAL Study. *Thromb Haemost.* 2018;118:1930–1939. (IF 4,733)
65. Faber J, Wingerter A, Neu MA, Henninger N, Eckerle S, Münzel T, Lackner KJ, Beutel ME, Blettner M, Rathmann W, Peters A, Meisinger C, Linkohr B, Neuhauser H, Kaatsch P, Spix C, Schneider A, Merzenich H, Panova-Noeva M, Prochaska JH and Wild PS. Burden of cardiovascular risk factors and cardiovascular disease in childhood cancer survivors: data from the German CVSS-study. *Eur Heart J.* 2018;39:1555–1562. (IF 24,889)
66. Eggebrecht L, Prochaska JH, Schulz A, Arnold N, Jünger C, Göbel S, Laubert-Reh D, Binder H, Beutel ME, Pfeiffer N, Blankenberg S, Lackner KJ, Spronk HM, Ten Cate H, Münzel T and Wild PS. Intake of Vitamin K Antagonists and Worsening of Cardiac and Vascular Disease: Results From the Population-Based Gutenberg Health Study. *J Am Heart Assoc.* 2018;7:e008650. (IF 4,66)
67. Eggebrecht L, Prochaska JH, Schleuter L, Nagler M, Hardt R, Schinzel H, Münzel T and Wild PS. [Physicians' Opinion on Health Care in Oral Anticoagulation]. *Dtsch Med Wochenschr.* 2018;143:e76–e84. (IF 0,635)
68. Prochaska JH, Göbel S, Keller K, Coldewey M, Ullmann A, Lamparter H, Schulz A, Schinzel H, Bickel C, Lauterbach M, Michal M, Hardt R, Binder H, Espinola-Klein C, Lackner KJ, Ten Cate H, Münzel T and Wild PS. e-Health-based management of patients receiving oral anticoagulation therapy: results from the observational thrombEVAL study. *J Thromb Haemost.* 2017;15:1375–1385. (IF 4,899)
69. Prochaska JH, Frank B, Nagler M, Lamparter H, Weißer G, Schulz A, Eggebrecht L, Göbel S, Arnold N, Panova-Noeva M, Hermanns I, Pinto A, Konstantinides S, Ten Cate H, Lackner KJ, Münzel T, Espinola-Klein C and Wild PS. Age-related diagnostic value of D-dimer testing and the role of inflammation in patients with suspected deep vein thrombosis. *Sci Rep.* 2017;7:4591. (IF 4,122)
70. Wild PS, Felix JF, Schillert A, Teumer A, Chen MH, Leening MJG, Völker U, Großmann V, Brody JA, Irvin MR, Shah SJ, Pramana S, Lieb W, Schmidt R, Stanton AV, Malzahn D, Smith AV, Sundström J, Minelli C, Ruggiero D, Lyytikäinen LP, Tiller D, Smith JG, Monnerneau C, Di Tullio MR, Musani SK, Morrison AC, Pers TH, Morley M, Kleber ME, Aragam J, Benjamin EJ, Bis JC, Bisping E, Broeckel U, Cheng S, Deckers JW, Del Greco MF, Edelmann F, Fornage M, Franke L, Friedrich N, Harris TB, Hofer E, Hofman A, Huang J, Hughes AD, Kähönen M, Investigators K, Kruppa J, Lackner KJ, Lannfelt L, Laskowski R, Launer LJ, Leosdottir M, Lin H, Lindgren CM, Loley C, MacRae CA, Mascalzoni D, Mayet J, Medenwald D, Morris AP, Müller C, Müller-Nurasyid M, Nappo S, Nilsson PM, Nuding S, Nutile T, Peters A, Pfeufer A, Pietzner D, Pramstaller PP, Raitakari OT, Rice KM, Rivadeneira F, Rotter JI, Ruohonen ST, Sacco RL, Samdarshi TE, Schmidt H, Sharp ASP, Shields DC, Sorice R, Sotoodehnia N, Stricker BH, Surendran P, Thom S, Töglhofer AM, Uitterlinden AG, Wachter R, Völzke H, Ziegler A, Münzel T, März W, Cappola TP, Hirschhorn JN, Mitchell GF, Smith NL, Fox ER, Dueker ND, Jaddoe VWV, Melander O,

- Russ M, Lehtimäki T, Ciullo M, Hicks AA, Lind L, Gudnason V, Pieske B, Barron AJ, Zweiker R, Schunkert H, Ingelsson E, Liu K, Arnett DK, Psaty BM, Blankenberg S, Larson MG, Felix SB, Franco OH, Zeller T, Vasan RS and Dörr M. Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. *J Clin Invest.* 2017;127:1798-1812. **(IF 13,251)**
71. Panova-Noeva M, Arnold N, Hermanns MI, Prochaska JH, Schulz A, Spronk HM, Binder H, Pfeiffer N, Beutel M, Blankenberg S, Zeller T, Lotz J, Münzel T, Lackner KJ, Ten Cate H and Wild PS. Mean Platelet Volume and Arterial Stiffness - Clinical Relationship and Common Genetic Variability. *Sci Rep.* 2017;7:40229. **(IF 4,122)**
 72. Arnold N, Gori T, Schnabel RB, Schulz A, Prochaska JH, Zeller T, Binder H, Pfeiffer N, Beutel M, Espinola-Klein C, Lackner KJ, Blankenberg S, Münzel T and Wild PS. Relation between Arterial Stiffness and Markers of Inflammation and Hemostasis - Data from the Population-based Gutenberg Health Study. *Sci Rep.* 2017;7:6346. **(IF 4,122)**
 73. Panova-Noeva M, Schulz A, Hermanns MI, Grossmann V, Pefani E, Spronk HM, Laubert-Reh D, Binder H, Beutel M, Pfeiffer N, Blankenberg S, Zeller T, Münzel T, Lackner KJ, Ten Cate H and Wild PS. Sex-specific differences in genetic and nongenetic determinants of mean platelet volume: results from the Gutenberg Health Study. *Blood.* 2016;127:251-9. **(IF 13,164)**
 74. Panova-Noeva M, Hermanns IM, Schulz A, Laubert-Reh D, Zeller T, Blankenberg S, Spronk HM, Münzel T, Lackner KJ, Ten Cate H and Wild PS. PO-58 - Cardiovascular risk profile in survivors of adult cancer - results from the general population study. *Thromb Res.* 2016;140 Suppl 1:S198. **(IF 2,65)**
 75. Konstantinides SV, Barco S, Rosenkranz S, Lankeit M, Held M, Gerhardt F, Bruch L, Ewert R, Faehling M, Freise J, Ghofrani HA, Grünig E, Halank M, Heydenreich N, Hoepfer MM, Leuchte HH, Mayer E, Meyer FJ, Neurohr C, Opitz C, Pinto A, Seyfarth HJ, Wachter R, Zäpf B, Wilkens H, Binder H and Wild PS. Late outcomes after acute pulmonary embolism: rationale and design of FOCUS, a prospective observational multicenter cohort study. *J Thromb Thrombolysis.* 2016;42:600-9. **(IF 2,142)**
 76. Prochaska JH, Göbel S, Keller K, Coldewey M, Ullmann A, Lamparter H, Jünger C, Al-Bayati Z, Baer C, Walter U, Bickel C, ten Cate H, Münzel T and Wild PS. Quality of oral anticoagulation with phenprocoumon in regular medical care and its potential for improvement in a telemedicine-based coagulation service--results from the prospective, multi-center, observational cohort study thrombEVAL. *BMC Med.* 2015;13:14. **(IF 8,005)**
 77. Prochaska JH, Coldewey M, Göbel S, Keller K, Hendelmeier M, Konstantinides S, Münzel T and Wild PS. Evaluation of oral anticoagulation therapy: rationale and design of the thrombEVAL study programme. *Eur J Prev Cardiol.* 2015;22:622-8. **(IF 3,361)**
 78. Michal M, Prochaska JH, Keller K, Göbel S, Coldewey M, Ullmann A, Schulz A, Lamparter H, Münzel T, Reiner I, Beutel ME and Wild PS. Symptoms of depression and anxiety predict mortality in patients undergoing oral anticoagulation: Results from the thrombEVAL study program. *Int J Cardiol.* 2015;187:614-9. **(IF 4,638)**
 79. Keller K, Prochaska JH, Coldewey M, Gobel S, Ullmann A, Jünger C, Lamparter H, Ariza L, Bickel C, Lauterbach M, Konstantinides S, Rostock T, Münzel T and Wild PS. History of deep vein thrombosis is a discriminator for concomitant atrial fibrillation in pulmonary embolism. *Thromb Res.* 2015;136:899-906. **(IF 2,32)**

80. Höhn R, Kottler U, Peto T, Blettner M, Münzel T, Blankenberg S, Lackner KJ, Beutel M, Wild PS and Pfeiffer N. The ophthalmic branch of the Gutenberg Health Study: study design, cohort profile and self-reported diseases. *PLoS One*. 2015;10:e0120476. (IF 3,057)
81. Hermanns MI, Grossmann V, Spronk HM, Schulz A, Jünger C, Laubert-Reh D, Mazur J, Gori T, Zeller T, Pfeiffer N, Beutel M, Blankenberg S, Münzel T, Lackner KJ, Ten Cate-Hoek AJ, Ten Cate H and Wild PS. Distribution, genetic and cardiovascular determinants of FVIII:c - Data from the population-based Gutenberg Health Study. *Int J Cardiol*. 2015;187:166-74. (IF 4,638)
82. Grossmann V, Schmitt VH, Zeller T, Panova-Noeva M, Schulz A, Laubert-Reh D, Juenger C, Schnabel RB, Abt TG, Laskowski R, Wiltink J, Schulz E, Blankenberg S, Lackner KJ, Münzel T and Wild PS. Profile of the Immune and Inflammatory Response in Individuals With Prediabetes and Type 2 Diabetes. *Diabetes Care*. 2015;38:1356-64. (IF 8,934)
83. Frank B, Ariza L, Lamparter H, Grossmann V, Prochaska JH, Ullmann A, Kindler F, Weisser G, Walter U, Lackner KJ, Espinola-Klein C, Münzel T, Konstantinides SV and Wild PS. Rationale and design of three observational, prospective cohort studies including biobanking to evaluate and improve diagnostics, management strategies and risk stratification in venous thromboembolism: the VTEval Project. *BMJ Open*. 2015;5:e008157. (IF 2,562)
84. Sinning C, Keller T, Zeller T, Ojeda F, Schlüter M, Schnabel R, Lubos E, Bickel C, Lackner KJ, Diemert P, Munzel T, Blankenberg S and Wild PS. Association of high-sensitivity assayed troponin I with cardiovascular phenotypes in the general population: the population-based Gutenberg health study. *Clin Res Cardiol*. 2014;103:211-22. (IF 4,56)
85. Ostad MA, Wild PS, Schnorbus B, Schulz A, Munzel T and Warnholtz A. Predictive value of brachial reactive hyperemia and flow-mediated dilation in stable coronary artery disease. *Clin Hemorheol Microcirc*. 2014;56:247-57. (IF 2,242)
86. Michal M, Prochaska JH, Ullmann A, Keller K, Gobel S, Coldewey M, Münzel T, Wiltink J, Beutel ME and Wild PS. Relevance of depression for anticoagulation management in a routine medical care setting: results from the ThrombEVAL study program. *J Thromb Haemost*. 2014;12:2024-33. (IF 5,72)
87. Keller K, Beule J, Oliver Balzer J, Coldewey M, Munzel T, Dippold W and Wild P. A 56-year-old man with co-prevalence of Leriche syndrome and dilated cardiomyopathy: case report and review. *Wien Klin Wochenschr*. 2014;126:163-8. (IF 0,836)
88. Schnabel RB, Biener MP, Wilde S, Sinning CR, Ojeda FM, Zeller T, Lubos E, Lackner KJ, Warnholtz A, Gori T, Espinola-Klein C, Blankenberg S, Munzel T and Wild PS. Sex differences in noninvasive vascular function in the community. *J Hypertens*. 2013;31:1437-46; discussion 1446. (IF 4,222)
89. Neumann JT, Tzikas S, Funke-Kaiser A, Wilde S, Appelbaum S, Keller T, Ojeda-Echevarria F, Zeller T, Zwiener I, Sinning CR, Jagodzinski A, Schnabel RB, Lackner KJ, Münzel T, Blankenberg S, Wild PS and Sydow K. Association of MR-proadrenomedullin with cardiovascular risk factors and subclinical cardiovascular disease. *Atherosclerosis*. 2013;228:451-9. (IF 3,971)
90. Wild PS, Zeller T, Beutel M, Blettner M, Dugi KA, Lackner KJ, Pfeiffer N, Münzel T and Blankenberg S. [The Gutenberg Health Study]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz*. 2012;55:824-9. (IF 0,722)

91. Wild PS, Schnabel RB, Lubos E, Zeller T, Sinning CR, Keller T, Tzikas S, Lackner KJ, Peetz D, Rupprecht HJ, Bickel C, Morgenthaler NG, Papassotiriou J, Tiret L, Münzel T and Blankenberg S. Midregional proadrenomedullin for prediction of cardiovascular events in coronary artery disease: results from the AtheroGene study. *Clin Chem.* 2012;58:226-36. **(IF 7,149)**
92. Wild PS, Zeller T, Schillert A, Szymczak S, Sinning CR, Deiseroth A, Schnabel RB, Lubos E, Keller T, Eleftheriadis MS, Bickel C, Rupprecht HJ, Wilde S, Rossmann H, Diemert P, Cupples LA, Perret C, Erdmann J, Stark K, Kleber ME, Epstein SE, Voight BF, Kuulasmaa K, Li M, Schäfer AS, Klopp N, Braund PS, Sager HB, Demissie S, Proust C, König IR, Wichmann HE, Reinhard W, Hoffmann MM, Virtamo J, Burnett MS, Siscovick D, Wiklund PG, Qu L, El Mokthari NE, Thompson JR, Peters A, Smith AV, Yon E, Baumert J, Hengstenberg C, März W, Amouyel P, Devaney J, Schwartz SM, Saarela O, Mehta NN, Rubin D, Silander K, Hall AS, Ferrieres J, Harris TB, Melander O, Kee F, Hakonarson H, Schrezenmeir J, Gudnason V, Elosua R, Arveiler D, Evans A, Rader DJ, Illig T, Schreiber S, Bis JC, Altshuler D, Kavousi M, Witteman JC, Uitterlinden AG, Hofman A, Folsom AR, Barbalic M, Boerwinkle E, Kathiresan S, Reilly MP, O'Donnell CJ, Samani NJ, Schunkert H, Cambien F, Lackner KJ, Tiret L, Salomaa V, Munzel T, Ziegler A and Blankenberg S. A genome-wide association study identifies LIPA as a susceptibility gene for coronary artery disease. *Circ Cardiovasc Genet.* 2011;4:403-12. **(IF 6,105)**
93. Rotival M, Zeller T, Wild PS, Maouche S, Szymczak S, Schillert A, Castagné R, Deiseroth A, Proust C, Brocheton J, Godefroy T, Perret C, Germain M, Eleftheriadis M, Sinning CR, Schnabel RB, Lubos E, Lackner KJ, Rossmann H, Münzel T, Rendon A, Erdmann J, Deloukas P, Hengstenberg C, Diemert P, Montalescot G, Ouwehand WH, Samani NJ, Schunkert H, Tregouet DA, Ziegler A, Goodall AH, Cambien F, Tiret L and Blankenberg S. Integrating genome-wide genetic variations and monocyte expression data reveals trans-regulated gene modules in humans. *PLoS Genet.* 2011;7:e1002367. **(IF 8,694)**
94. Wild PS, Sinning CR, Roth A, Wilde S, Schnabel RB, Lubos E, Zeller T, Keller T, Lackner KJ, Blettner M, Vasan RS, Münzel T and Blankenberg S. Distribution and categorization of left ventricular measurements in the general population: results from the population-based Gutenberg Heart Study. *Circ Cardiovasc Imaging.* 2010;3:604-13. **(IF 4,757)**
95. Warnholtz A, Wild P, Ostad MA, Elsner V, Stieber F, Schinzel R, Walter U, Peetz D, Lackner K, Blankenberg S and Munzel T. Effects of oral niacin on endothelial dysfunction in patients with coronary artery disease: results of the randomized, double-blind, placebo-controlled INEF study. *Atherosclerosis.* 2009;204:216-21. **(IF 4,522)**
96. Vasan RS, Glazer NL, Felix JF, Lieb W, Wild PS, Felix SB, Watzinger N, Larson MG, Smith NL, Dehghan A, Grosshennig A, Schillert A, Teumer A, Schmidt R, Kathiresan S, Lumley T, Aulchenko YS, König IR, Zeller T, Homuth G, Struchalin M, Aragam J, Bis JC, Rivadeneira F, Erdmann J, Schnabel RB, Dörr M, Zweiker R, Lind L, Rodeheffer RJ, Greiser KH, Levy D, Haritunians T, Deckers JW, Stritzke J, Lackner KJ, Völker U, Ingelsson E, Kullo I, Haerting J, O'Donnell CJ, Heckbert SR, Stricker BH, Ziegler A, Reffelmann T, Redfield MM, Werdan K, Mitchell GF, Rice K, Arnett DK, Hofman A, Gottdiener JS, Uitterlinden AG, Meitinger T, Blettner M, Friedrich N, Wang TJ, Psaty BM, van Duijn CM, Wichmann HE, Munzel TF, Kroemer HK, Benjamin EJ, Rotter JI, Witteman JC, Schunkert H, Schmidt H, Völzke H and Blankenberg S. Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. *Jama.* 2009;302:168-78. **(IF 28,899)**

97. Wild PS, Funke B, Geisler T, Abushi A and Zotz RJ. Fragment reconstruction of coronary arteries using transesophageal echocardiography for coronary diagnostics. *Eur J Echocardiogr.* 2008;9:796-802. (IF 0,833)
98. Wild PS and Zotz RJ. Fragment reconstruction of coronary arteries by transesophageal echocardiography: a method for visualizing coronary arteries with ultrasound. *Circulation.* 2002;105:1579-84. (IF 10,255)
99. Wild PS, Stahl F, Gunkel O and Zotz RJ. Atypical Bland-White-Garland syndrome: a 58-year-old woman with stenosis of the pulmonary origin of the left coronary artery. *Echocardiography.* 2002;19:73-6. (IF 0,612)

Co-authorships

(Total number 373, Cumulative IF: 2837,734)

1. Rückert KK, Petersen J, Wild PS, Münzel T, König J, Lackner KJ, Heinrich I, Weinmann-Menke J, Dresel C, Bodenstein M, Kreuter M, Rausch F, Beutel ME, Kerahrodi JG. Acute and chronic fatigue after COVID-19: The impact of depression and somatic distress. *J Psychosom Res.* 2026 Jan (IF: 3,300)
2. Ernst M, Petersen J, Krakau L, Reinwarth AC, Hettich-Damm N, Hartmann A, Wild PS, Münzel T, Urschitz MS, Lackner K, Pfeiffer N, Beutel ME. How the past shapes the present: Differential mental health trajectories in individuals with and without experiences of childhood abuse and neglect in the context of the COVID-19 pandemic. *J Affect Disord.* 2025 Dec 18 (IF 4,900)
3. Hahad O, Döge J, Bahr-Hamm K, Ghaemi Kerahrodi J, Geschke K, Kontohow-Beckers K, Schuster AK, Gianicolo E, Lackner KJ, Weinmann-Menke J, Lurz P, Konstantinides S, Wild PS, Hackenberg B. Association of hearing loss with cardiovascular and mortality risk in the general population. *Sci Rep.* 2025 Dec 5 (IF 3,900)
4. Schmitt F, Ten Cate V, Fischer Z, Hagen M, Steigenberger BA, Tenzer S, Wild PS, Schmidlin T. Metabolic Profiling of the EmDia Cohort by LC-MS Reveals Empagliflozin-Intake Associated Regulation of 1,5-anhydroglucitol and Urate. *Proteomics.* 2025 Dec 3 (IF 3,900)
5. Hackenberg B, Döge J, O'Brien K, Nübling M, Dietz P, Beutel ME, Reinwarth AC, Lackner KJ, Tüscher O, Schattenberg JM, Hobohm L, Münzel T, Wild PS, Schuster AK, Schmidtmann I, Chalabi J, Matthias C, Bahr-Hamm K. Psychosocial Work Stress, Resilience and the Risk of Tinnitus-Results from a Population-Based Cohort Study. *Medicina (Kaunas).* 2025 Nov 21 (IF 2,400)
6. Hirschmiller J, Ernst M, Schwinn T, Brähler E, Wiltink J, Zwerenz R, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME; GHS Research Consortium; Krakau L. Comparing depressive symptom representation between individuals with cancer, non-cancer controls and healthy individuals: A network approach. *J Psychosom Res.* 2025 Nov (IF 3,300)
7. Huber Y, Hofmann L, Prochaska JH, Koeck T, Chalabi J, Pfeiffer N, Beutel M, Strauch K, Lackner KJ, Tüscher O, Münzel T, Weber MM, Weinmann-Menke J, Wild P, Galle PR, Schattenberg JM. Incidence of major cardiovascular events in patients with metabolic

- dysfunction-associated steatotic liver disease in the general population. *Eur J Heart Fail.* 2025 Nov (IF 10,800)
8. Han J, Ten Cate V, Li-Gao R, Robles AP, Sulochana HR, Andrade-Navarro MA, Ao L, Noordam R, Martinez-Perez A, Sabater-Lleal M, Soria JM, Souto JC, Rosendaal FR, Wild PS, van Hylckama Vlieg A. Genome-wide identification of loci associated with plasma coagulation factor IX activity. *J Thromb Haemost.* 2025 Oct 27 (IF 5,000)
 9. Hauptmann T, Tröbs SO, Schulz A, Romano Martinez A, Lurz P, Prochaska J, Wild PS, Kramer S. Echocardiographic measures read by artificial intelligence enable accurate and rapid prediction of the worsening of heart failure. *Eur Heart J Digit Health.* 2025 Oct 15 (IF 4,400)
 10. Bauer KI, Baker D, Lerner R, Koeck T, Buch G, Fischer Z, Martens R, Esenkova EE, Nuber M, Andrade-Navarro MA, Ten Cate V, Tenzer S, Wild PS, Bindila L, Araldi E. Effect of Empagliflozin on the plasma lipidome in patients with type 2 diabetes mellitus: results from the EmDia clinical trial. *Cardiovasc Diabetol.* 2025 Sep 8 (IF 10,600)
 11. Khan MS, Javaid SS, Mentz RJ, Lindenfeld J, Wu HT, Prochaska JH, Johansen JB, Wild PS, Linz D, Dinh W, Fudim M. Heart rate variability in patients with cardiovascular diseases. *Prog Cardiovasc Dis.* 2025 Jun 10 (IF 7,600)
 12. Reinwarth AC, Ernst M, Gerstorf D, Brähler E, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME. Results of a multi-perspective examination of loneliness trajectories and its determinants in German adults during the COVID-19 pandemic. *Sci Rep.* 2025 May 23 (IF 3,900)
 13. Velmeden D, Söhne J, Schuch A, Zeid S, Schulz A, Troebbs SO, Müller F, Heidorn MW, Buch G, Belanger N, Dinh W, Mondritzki T, Lackner KJ, Gori T, Münzel T, Wild PS, Prochaska JH. Role of Heart Rate Recovery in Chronic Heart Failure: Results From the MyoVasc Study. *J Am Heart Assoc.* 2025 May 20 (IF 5,300)
 14. Mohr K, Mildenerger P, Neusius T, Christodoulou KC, Farmakis IT, Kaier K, Barco S, Klok FA, Hobohm L, Keller K, Becker D, Abele C, Bruch L, Ewert R, Schmidtman I, Wild PS, Rosenkranz S, Konstantinides SV, Binder H, Valerio L; FOCUS Investigators. Estimated annual healthcare costs after acute pulmonary embolism: results from a prospective multicentre cohort study. *Eur Heart J Qual Care Clin Outcomes.* 2025 May 1 (IF 4,600)
 15. Hahad O, Kerahrodi JG, Brähler E, Lieb K, Gilan D, Zahn D, Petrowski K, Reinwarth AC, Kontohow-Beckers K, Schuster AK, Schepers M, Lackner K, Galle PR, Konstantinides S, Wild P, Daiber A, Michal M, Münzel T, Beutel M. Psychological resilience, cardiovascular disease, and mortality - Insights from the German Gutenberg Health Study. *J Psychosom Res.* 2025 May (IF 3,300)
 16. Global Cardiovascular Risk Consortium; Magnussen C, Alegre-Diaz J, Al-Nasser LA, Amouyel P, Aviles-Santa L, Bakker SJL, Ballantyne CM, Bernabé-Ortiz A, Bobak M, Boffetta P, Brenner H, Brunström M, Can G, Carrillo-Larco RM, Checkley W, Dallongeville J, De Bacquer D, de Gaetano G, de Lemos JA, di Carluccio E, Dobson A, Donfrancesco C, Dörr M, d'Orsi E, Drygas W, Dullaart RPF, Engström G, Ferrario MM, Ferrières J, Figtree GA, Gaye B, Ghayour-Mobarhan M, Goldbourt U, Gonzalez C, Gossling A, Grassi G, Gupta PC, He J, Hodge AM, Hozawa A, Hveem K, Iacoviello L, Ikram MK, Inoue M, Irazola V, Jobe M, Jousilahti P, Kaleebu P, Kavousi M, Kee F, Khalili D, Klotsche J, Koenig W, Kontsevaya A, Kowlessur S, Kuri-Morales P, Kuulasmaa K,

- Kweon SS, Lackner KJ, Landmesser U, Leistner DM, Leiva Sisniegues CE, Leong D, Lind L, Linneberg A, Lorenz T, Lyngbakken MN, Malekzadeh R, Malyutina S, Mathiesen EB, McElduff P, Melander O, Metspalu A, Miranda JJ, Moitry M, Mugisha J, Munzinger J, Nalini M, Nambi V, Nilsson PM, Ninomiya T, Omland T, Ong SK, Oppermann K, Pajak A, Palmieri L, Panagiotakos D, Park SK, Pednekar MS, Perianayagam A, Peters A, Poustchi H, Prabhakaran D, Prentice AM, Prescott E, Quyyumi A, Risérus U, Sakata S, Salazar M, Salomaa V, Sans S, Sattler ELP, Schöttker B, Schutte AE, Sepanlou SG, Sharma SK, Shaw J, Simons LA, Söderberg S, Tamosiunas A, Tapia-Conyer R, Thorand B, Tunstall-Pedoe H, Tuomilehto J, Twerenbold R, Vanuzzo D, Veronesi G, Wannamethee SG, Watanabe M, Weimann J, Wild PS, Yao Y, Zeng Y, Ziegler A, Ojeda FM, Blankenberg S. Global Effect of Cardiovascular Risk Factors on Lifetime Estimates. *N Engl J Med*. 2025 Mar 30 (IF 78,500)
17. Anyaegbunam UA, Vagiona AC, Ten Cate V, Bauer K, Schmidlin T, Distler U, Tenzer S, Araldi E, Bindila L, Wild P, Andrade-Navarro MA. A Map of the Lipid-Metabolite-Protein Network to Aid Multi-Omics Integration. *Biomolecules*. 2025 Mar 26 (IF 4,800)
 18. Mihalikova D, Stamm P, Kvandova M, Pednekar C, Strohm L, Ubbens H, Oelze M, Kuntic M, Witzler C, Bayo Jimenez MT, Rajlic S, Frenis K, Tang Q, Ruan Y, Karbach S, Kleinert H, Hahad O, von Kriegsheim A, Xia N, Grune T, Li H, Kröller-Schön S, Gericke A, Ruf W, Wild PS, Lurz P, Münzel T, Daiber A, Jansen T. Exposure to aircraft noise exacerbates cardiovascular and oxidative damage in three mouse models of diabetes. *Eur J Prev Cardiol*. 2025 Mar 18 (IF 7,500)
 19. Iding AFJ, Ten Cate V, Ten Cate H, Wild PS, Ten Cate-Hoek AJ. Untangling profiles of post-thrombotic syndrome using unsupervised machine learning. *Blood Adv*. 2025 Mar 14 (IF 7,100)
 20. Hahad O, Schmitt VH, Baumkötter R, Michal M, Chalabi J, Schuster AK, Gianicolo E, Lackner KJ, Geschke K, Weinmann-Menke J, Konstantinides S, Daiber A, Wild PS, Münzel T. Earplug use during sleep and its association with cardiovascular disease - Results from a large sample of the general population. *Int J Cardiol Heart Vasc*. 2025 Mar 7 (IF 2,500)
 21. Voigt AM, Neubert K, Hoh S, Haj Ibrahim A, Wild PS, Lackner KJ, Wicke FS, Schmidtman I, Münzel T, Tüscher O, Schattenberg JM, Konstantinides SV, Pfeiffer N, Schuster AK. Prevalence of Retinal Vascular Anomalies in the German Population: Results from the Gutenberg Health Study. *Ophthalmic Epidemiol*. 2025 Mar 4:1-8 (IF 1,200)
 22. Tibubos AN, Reinwarth AC, Reiner I, Werner AM, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME. Psychological indicators for healthy aging: validation of the German short version of Ryff's scales of psychological well-being (SPWB). *J Patient Rep Outcomes*. 2025 Feb 25;9(1):25 (IF 2,900)
 23. Hahad O, Hackenberg B, Döge J, Bahr-Hamm K, Kerahrodi JG, Tüscher O, Michal M, Kontohow-Beckers K, Schuster AK, Schmidtman I, Lackner KJ, Schattenberg JM, Konstantinides S, Wild PS, Münzel T. Tinnitus is not associated with cardiovascular risk factors or mortality in the Gutenberg Health Study. *Clin Res Cardiol*. 2025 Feb 19 (IF 3,700)
 24. Voigt AM, Elbaz H, Böhm EW, Wild PS, Lackner KJ, Beutel ME, Schmidtman I, Tüscher O, Schattenberg JM, Konstantinides SV, Pfeiffer N, Peto T, Schuster AK. Incidence of Retinal Vein Occlusion and Its Association with Mortality: Results from the Gutenberg Health Study. *Ophthalmology*. 2025 Feb 17 (IF 9,500)

25. Döge J, Hackenberg B, Beutel ME, Otten D, Wild PS, Chalabi J; GHS Research Consortium; Matthias C, Bahr-Hamm K. Hearing Loss and Its Relation to Loneliness and Depression-A Population-Based Cohort Study. *Laryngoscope*. 2025 Feb 14 (IF 2,000)
26. Braumann S, Macherey-Meyer S, Polzin A, Costard-Jäckle A, Morbach C, Haring B, Lapp H, Ten Cate V, Gieswinkel A, Weliwitage J, Hellmich M, Michaëlsson E, Nelander K, Ens-Jäger N, Rosenkranz S, Gei C Df En S, Frey N, Schulze PC, Aurell M, Böhm M, Frantz S, Kelm M, Rudolph V, Shah SJ, Wild P, Baldus S. MYSTERY-HF - Myeloperoxidase Inhibition in Patients With Heart Failure and Reduced Ejection Fraction - a Phase II Randomized Controlled Trial. *Circulation*. 2025 Feb 12 (IF 38,600)
27. Hartmann A, Grabitz SD, Wild PS, Lackner KJ, Münzel T, Kerahrodi JG, Singer S, Geschke K, Schattenberg JM, Konstantinides S, Pfeiffer N, Schuster AK. Gender-specific changes in vision-related quality of life over time - results from the population-based Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol*. 2025 Feb 11 (IF 2,300)
28. Bauer J, Hegewald J, Rossnagel K, Jankowiak S, Prigge M, Chalabi J, Nübling M, Freiberg A, Riechmann-Wolf M, Dietz P, Wild PS, Koeck T, Beutel ME, Pfeiffer N, Lackner KJ, Münzel T, Strauch K, Lurz P, Tüscher O, Weinmann-Menke J, Konstantinides S, Seidler A. Incidence of type 2 diabetes and metabolic syndrome by Occupation - 10-Year follow-up of the Gutenberg Health Study. *BMC Public Health*. 2025 Feb 7;25(1):502 (IF 3,600)
29. Fieß A, Gißler S, Grabitz S, Wild PS, Lackner KJ, Beutel ME, Urschitz MS, Tüscher O, Münzel T, Schattenberg JM, Konstantinides SV, Pfeiffer N, Schuster AK. Short Report - Birth Weight is Not Associated With Cataracts or Pseudophakia - Results from the Gutenberg Health Study. *Clin Ophthalmol*. 2025 Jan 16;19:153-156 (IF 2,200)
30. Coral DE, Smit F, Farzaneh A, Gieswinkel A, Tajes JF, Sparsø T, Delfin C, Bauvin P, Wang K, Temprosa M, De Cock D, Blanch J, Fernández-Real JM, Ramos R, Ikram MK, Gomez MF, Kavousi M, Panova-Noeva M, Wild PS, van der Kallen C, Adriaens M, van Greevenbroek M, Arts I, Le Roux C, Ahmadizar F, Frayling TM, Giordano GN, Pearson ER, Franks PW. Author Correction: Subclassification of obesity for precision prediction of cardiometabolic diseases. *Nat Med*. 2024 Nov 21. doi: 10.1038/s41591-024-03403-x. Epub ahead of print. Erratum for: *Nat Med*. 2024 Oct 24. doi: 10.1038/s41591-024-03299-7. PMID: 39572748
31. Reinwarth AC, Beutel ME, Schmidt P, Wild PS, Münzel T, König J, Konstantinides SV, Schattenberg JM, Lackner KJ, Schuster AK, Tüscher O, Geschke K. Loneliness and social anxiety in the general population over time - results of a cross-lagged panel analysis. *Psychol Med*. 2024 Dec 27:1-10. Epub ahead of print. (IF 5,900)
32. Hettich-Damm N, Petersen J, Baumkoetter R, Prochaska JH, Koenig J, Schuster AK, Muenzel T, Lackner KJ, Wild PS, Beutel M. Mental health symptoms and burdens after a SARS-CoV-2 infection. *BMC Public Health*. 2024 Dec 13;24(1):3399. (IF 3,500)
33. Laspas P, Hartmann A, Scholz I, Hoffmann EM, Khawaja AP, Lackner KJ, Münzel T, Kerahrodi JG, Schmidtmann I, Tüscher O, Schattenberg JM, Pfeiffer N, Konstantinides S, Wild PS, Schuster AK. Change in Systemic Medication and its Influence on Intraocular Pressure - Results From the Gutenberg Health Study. *Invest Ophthalmol Vis Sci*. 2024 Dec 2;65(14):4. (IF 4,400)
34. Coral DE, Smit F, Farzaneh A, Gieswinkel A, Tajes JF, Sparsø T, Delfin C, Bauvain P, Wang K, Temprosa M, De Cock D, Blanch J, Fernández-Real JM, Ramos R, Ikram MK,

- Gomez MF, Kavousi M, Panova-Noeva M, Wild PS, van der Kallen C, Adriaens M, van Greevenbroek M, Arts I, Le Roux C, Ahmadizar F, Frayling TM, Giordano GN, Pearson ER, Franks PW. Subclassification of obesity for precision prediction of cardiometabolic diseases. *Nat Med.* 2024 Oct 24. (IF 58,700)
35. Reinwarth AC, Hahad O, Ghaemi Kerahrodi J, Brähler E, Lieb K, Gilan D, Zahn D, Chalabi J, Schuster AK, Schepers M, Lackner KJ, Schattenberg JM, Ruf W, Wild PS, Daiber A, Michal M, Beutel ME, Münzel T. Assessment of psychological resilience in a large cohort of the general population: Validation and norm values of the RS-5. *PLoS One.* 2024 Oct 11;19(10):e0309197. (IF 2,900)
 36. Mihalikova D, Stamm P, Kvandova M, Pednekar C, Strohm L, Ubbens H, Oelze M, Kuntic M, Witzler C, Bayo Jimenez MT, Rajlic S, Frenis K, Tang Q, Ruan Y, Karbach S, Kleinert H, Hahad O, von Kriegsheim A, Xia N, Grune T, Li H, Kröller-Schön S, Gericke A, Ruf W, Wild PS, Lurz P, Münzel T, Daiber A, Jansen T. Exposure to aircraft noise exacerbates cardiovascular and oxidative damage in three mouse models of diabetes. *Eur J Prev Cardiol.* 2024 Oct 1:zwae320. (IF 8,600)
 37. Geissen S, Braumann S, Adler J, Nettersheim FS, Mehrkens D, Hof A, Guthoff H, von Stein P, Witkowski S, Gerdes N, Tellkamp F, Krüger M, Isermann L, Trifunovic A, Bunck AC, Mollenhauer M, Winkels H, Adam M, Klinke A, Buch G, Ten Cate V, Hellmich M, Kelm M, Rudolph V, Wild PS, Rosenkranz S, Baldus S. Inhibition of myeloperoxidase to treat left ventricular dysfunction in non-ischaemic cardiomyopathy. *Eur J Heart Fail.* 2024 Oct;26(10):2269-2281. (IF 16,900)
 38. Cores Ziskoven P, Nogueira AVB, Yoldaş O, Buduneli N, Wild PS, Koeck T, Deschner J. Apelin - A New Kid on the Block in Periodontology. *Oral Health Prev Dent.* 2024 Aug 27;22:417-424. (IF 1,400)
 39. Reinwarth AC, Wicke FS, Rückert KK, Schattenberg JM, Tüscher O, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME. Change of self-rated physical health predicts mortality in aging individuals: results of a population-based cohort study. *Arch Public Health.* 2024 Aug 23;82(1):130. (IF 3,200)
 40. Schwinn T, Paul RH, Hirschmiller J, Brähler E, Wiltink J, Zwerenz R, O'Connor RC, Wild PS, Münzel T, König J, Geschke K, Moehler M, Konstantinides S, Justenhoven C, Lackner KJ, Pfeiffer N, Beutel ME, Ernst M. Prevalence of current suicidal thoughts and lifetime suicide attempts in individuals with cancer and other chronic diseases in Germany: Evidence for differential associations from a representative community cohort. *J Affect Disord.* 2024 Dec 15;367:193-201. (IF 4,900)
 41. Schwinn T, Hirschmiller J, Brähler E, Merzenich H, Faber J, Wild PS, Beutel ME, Ernst M. A powerful safety net: Social support moderates the association of quality of life deficits with suicidal ideation in long-term childhood cancer survivors. *J Psychosoc Oncol.* 2024 Jul 31:1-18. (IF 1,500)
 42. Boeckmans J, Michel M, Gieswinkel A, Tüscher O, Konstantinides SV, König J, Münzel T, Lackner KJ, Kerahrodi JG, Schuster AK, Wild PS, Galle PR, Schattenberg JM. Inflammation in liver fibrosis and atrial fibrillation: A prospective population-based proteomic study. *JHEP Rep.* 2024 Jul 18;6(10):101171. (IF 9,500)
 43. Lange S, Tsohataridis S, Boland N, Ngo L, Hahad O, Münzel T, Wild P, Daiber A, Schuppan D, Lurz P, Keppeler K, Steven S. Effects of Short-Term Gluten-Free Diet on

- Cardiovascular Biomarkers and Quality of Life in Healthy Individuals: A Prospective Interventional Study. *Nutrients*. 2024 Jul 13;16(14):2265. (IF 4,800)
44. Mohr K, Mildenerger P, Neusius T, Christodoulou KC, Farmakis IT, Kaier K, Barco S, Klok FA, Hobohm L, Keller K, Becker D, Abele C, Bruch L, Ewert R, Schmidtman I, Wild PS, Rosenkranz S, Konstantinides SV, Binder H, Valerio L. Estimated Annual Healthcare Costs After Acute Pulmonary Embolism: Results From a Prospective Multicentre Cohort Study. *Eur Heart J Qual Care Clin Outcomes*. 2024 Jul 1;qcae050. (IF 4,800)
 45. Fieß A, Gißler S, Wild PS, Lackner KJ, Münzel T, Michal M, Urschitz MS, Pfeiffer N, Schuster AK. Hypertensive Retinopathy is Not Associated with Low or High Birth Weight - Results from the Population-Based German Gutenberg Health Study. *Clin Ophthalmol*. 2024 Jun 22;18:1797-1800. (IF 1,800)
 46. Hahad O, Hobohm L, Al-Kindi S, Schmitt VH, Kazemi-Asrar F, Gilan D, Petrowski K, Gori T, Wild P, Lieb K, Daiber A, Lurz P, Münzel T, Keller K. Association between socioeconomic and psychosocial factors with use of interventional and surgical treatments and outcomes in patients with myocardial infarction - Inpatient data of the largest European health care system. *Eur J Intern Med*. 2024 Jun 4:S0953-6205(24)00237-1. (IF 5,900)
 47. Baidildinova G, Ten Cate V, Panova-Noeva M, Dahlen B, Gieswinkel A, von Ungern-Sternberg S, Rapp S, Strauch K, Beutel ME, Pfeiffer N, Lackner KJ, Munzel T, Ten Cate H, Wild PS, Jurk K. Cardiovascular and genetic determinants of platelet high responsiveness - Results from the Gutenberg Health Study. *Blood Adv*. 2024 May 22. (IF 7,600)
 48. Hahad O, Döge J, Bahr-Hamm K, Beutel ME, Kontohow-Beckers K, Schuster AK, Keller K, Hobohm L, Schmitt VH, Gianicolo E, Lackner KJ, Daiber A, Wild PS, Hackenberg B, Münzel T. Noise annoyance due to different sources is associated with tinnitus presence and distress in the general population. *J Expo Sci Environ Epidemiol*. 2024 Apr 3. (IF 4,500)
 49. Strohm L, Daiber A, Ubbens H, Krishnankutty R, Oelze M, Kuntic M, Hahad O, Klein V, Hofer IE, von Kriegsheim A, Kleinert H, Atzler D, Lurz P, Weber C, Wild PS, Münzel T, Knosalla C, Lutgens E, Daub S. Role of inflammatory signaling pathways involving the CD40-CD40L-TRAF cascade in diabetes and hypertension-insights from animal and human studies. *Basic Res Cardiol*. 2024 Mar 30. (IF 5,402)
 50. Michal M, Wiltink J, Tibubos AN, Wild PS, Münzel T, Lackner K, Pfeiffer N, König J, Gieswinkel A, Beutel M, Kerahrodi JG. Impact of depersonalization on the course of depression: longitudinal observations from the gutenber health study. *BMC Psychiatry*. 2024 Mar 8;24(1):196. (IF 22,343)
 51. Hahad O, Gilan D, Michal M, Tüscher O, Chalabi J, Schuster AK, Keller K, Hobohm L, Schmitt VH, König J, Lackner KJ, Wild P, Schattenberg JM, Daiber A, Münzel T. Noise annoyance and cardiovascular disease risk: results from a 10-year follow-up study. *Sci Rep*. 2024 Mar 7;14(1):5619. (IF 4,600)
 52. Hartmann A, Grabitz SD, Wagner FM, Wild PS, Müller-Nurasyid M, Lackner KJ, Beutel ME, Münzel T, Tüscher O, Schattenberg JM, Pfeiffer N, Schuster AK. Bi-Gaussian analysis reveals distinct education-related alterations in spherical equivalent and axial length-results from the Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol*. 2024 Mar 6. (IF 2,940)

53. Kenneweg F, Hobohm L, Bang C, Gupta SK, Xiao K, Thum S, Ten Cate V, Rapp S, Hasenfuß G, Wild P, Konstantinides S, Wachter R, Lankeit M, Thum T. Circulating miR-let7a levels predict future diagnosis of chronic thromboembolic pulmonary hypertension. *Sci Rep*. 2024 Feb 24;14(1):4514. (IF 4,600)
54. Keppeler K, Pesi A, Lange S, Helmstädter J, Strohm L, Ubbens H, Kuntić M, Kuntić I, Mihaliková D, Vujačić-Mirski K, Rosenberger A, Küster L, Frank C, Oelze M, Finger S, Zakrzewska A, Verdu E, Wild J, Karbach S, Wenzel P, Wild P, Leistner D, Münzel T, Daiber A, Schuppan D, Steven S. Vascular dysfunction and arterial hypertension in experimental celiac disease are mediated by gut-derived inflammation and oxidative stress. *Redox Biol*. 2024 Apr;70:103071. (IF 11,400)
55. Wicke FS, Otten D, Schulz A, Wild PS, Lackner KJ, Münzel T, König J, Ernst M, Wiltink J, Reiner I, Ghaemi Kerahrodi J, Pfeiffer N, Beutel ME. Current and past depression as risk factors for incident type 2 diabetes mellitus and pre-diabetes in men and women: evidence from a longitudinal community cohort. *Diabetol Metab Syndr*. 2024 Feb 1;16(1):34. (IF 4,800)
56. Hahad O, Schmidt FP, Hübner J, Foos P, Al-Kindi S, Schmitt VH, Hobohm L, Keller K, Große-Dresselhaus C, Schmeißer J, Koppe-Schmeißer F, Vosseler M, Gilan D, Schulz A, Chalabi J, Wild PS, Daiber A, Herzog J, Münzel T. Publisher Correction: Acute exposure to simulated nocturnal traffic noise and cardiovascular complications and sleep disturbance—results from a pooled analysis of human field studies. *Clin Res Cardiol*. 2024 Jan;113(1):193.
57. Jankowiak S, Rosnagel K, Bauer J, Schulz A, Liebers F, Latza U, Romero Starke K, Seidler A, Nübling M, Riechmann-Wolf M, Letzel S, Wild P, Arnold N, Beutel M, Pfeiffer N, Lackner K, Münzel T, Schulze A, Hegewald J. Night shift work and cardiovascular diseases among employees in Germany: five-year follow-up of the Gutenberg Health Study. *Scand J Work Environ Health*. 2024 Jan 23:4139. (IF 6,300)
58. Hahad O, Gilan DA, Chalabi J, Al-Kindi S, Schuster AK, Wicke F, Büttner M, Tüscher O, Lackner KJ, Galle PR, Konstantinides S, Daiber A, Wild PS, Münzel T. Cumulative social disadvantage and cardiovascular disease burden and mortality. *Eur J Prev Cardiol*. 2024 Jan 5;31(1):40–48. (IF 8,300)
59. Hartmann A, Scholz I, Hoffmann EM, Strzalkowska A, Lackner KJ, Münzel T, Wicke FS, Schmidtmann I, Tüscher O, Schattenberg JM, Konstantinides S, Wild PS, Pfeiffer N, Schuster AK. Change of Intraocular Pressure Over 5 Years and its Relationship to Cardiovascular Parameters: Results From the Gutenberg Health Study. *Invest Ophthalmol Vis Sci*. 2024 Jan 2;65(1):12. (IF 4,400)
60. O'Brien K, Hackenberg B, Döge J, Bohnert A, Rader T, Lackner KJ, Beutel ME, Münzel T, Wild PS, Chalabi J, Schuster AK, Schmidtmann I, Matthias C, Bahr-Hamm K. Age standardization and time-of-day performance for the Oldenburg Sentence Test (OLSA): results from the population-based Gutenberg Health Study. *Eur Arch Otorhinolaryngol*. 2023 Dec 18. (IF 2,600)
61. Anyaegbunam UA, More P, Fontaine JF, Cate VT, Bauer K, Distler U, Araldi E, Bindila L, Wild P, Andrade-Navarro MA. A Systematic Review of Lipid-Focused Cardiovascular Disease Research: Trends and Opportunities. *Curr Issues Mol Biol*. 2023 Dec 9;45(12):9904–9916. (IF 3,100)

62. Marx-Gross S, Fieß A, Münzel T, Wild PS, Beutel ME, Schmidtman I, Lackner KJ, Pfeiffer N, Schuster AK. Much higher prevalence of keratoconus than announced results of the Gutenberg Health Study (GHS). *Graefes Arch Clin Exp Ophthalmol*. 2023 Nov;261(11):3241-3247. (IF 2,700)
63. Hahad O, Schmidt FP, Hübner J, Foos P, Al-Kindi S, Schmitt VH, Hobohm L, Keller K, Große-Dresselhaus C, Schmeißer J, Koppe-Schmeißer F, Vosseler M, Gilan D, Schulz A, Chalabi J, Wild PS, Daiber A, Herzog J, Münzel T. Acute exposure to simulated nocturnal traffic noise and cardiovascular complications and sleep disturbance-results from a pooled analysis of human field studies. *Clin Res Cardiol*. 2023 Nov;112(11):1690-1698. (IF 5,000)
64. Reinwarth AC, Wicke FS, Hettich N, Ernst M, Otten D, Brähler E, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME. Self-rated physical health predicts mortality in aging persons beyond objective health risks. *Sci Rep*. 2023 Nov 9;13(1):19531. (IF 4,600)
65. Hackenberg B, O'Brien K, Döge J, Lackner KJ, Beutel ME, Münzel T, Wild PS, Pfeiffer N, Chalabi J, Matthias C, Bahr-Hamm K. Vertigo and its burden of disease-Results from a population-based cohort study. *Laryngoscope Investig Otolaryngol*. 2023 Oct 23;8(6):1624-1630. (IF 1,900)
66. Falter T, Hennige AM, Schulz A, Gieswinkel A, Lotz J, Rossmann H, Beutel M, Michal M, Pfeiffer N, Schmidtman I, Münzel T, Wild PS, Lackner KJ. Prevalence of overweight and obesity, its complications and progression in a 10-year follow-up in the Gutenberg Health Study (GHS). *Obes Facts*. 2023 Oct 14. (IF 3,600)
67. Global Cardiovascular Risk Consortium; Magnussen C, Ojeda FM, Leong DP, Alegre-Diaz J, Amouyel P, Aviles-Santa L, De Bacquer D, Ballantyne CM, Bernabé-Ortiz A, Bobak M, Brenner H, Carrillo-Larco RM, de Lemos J, Dobson A, Dörr M, Donfrancesco C, Drygas W, Dullaart RP, Engström G, Ferrario MM, Ferrières J, de Gaetano G, Goldbourt U, Gonzalez C, Grassi G, Hodge AM, Hveem K, Iacoviello L, Ikram MK, Irazola V, Jobe M, Jousilahti P, Kaleebu P, Kavousi M, Kee F, Khalili D, Koenig W, Kontsevaya A, Kuulasmaa K, Lackner KJ, Leistner DM, Lind L, Linneberg A, Lorenz T, Lyngbakken MN, Malekzadeh R, Malyutina S, Mathiesen EB, Melander O, Metspalu A, Miranda JJ, Moitry M, Mugisha J, Nalini M, Nambi V, Ninomiya T, Oppermann K, d'Orsi E, Pająk A, Palmieri L, Panagiotakos D, Perianayagam A, Peters A, Poustchi H, Prentice AM, Prescott E, Risérus U, Salomaa V, Sans S, Sakata S, Schöttker B, Schutte AE, Sepanlou SG, Sharma SK, Shaw JE, Simons LA, Söderberg S, Tamosiunas A, Thorand B, Tunstall-Pedoe H, Twerenbold R, Vanuzzo D, Veronesi G, Waibel J, Wannamethee SG, Watanabe M, Wild PS, Yao Y, Zeng Y, Ziegler A, Blankenberg S. Global Effect of Modifiable Risk Factors on Cardiovascular Disease and Mortality. *N Engl J Med*. 2023 Oct 5;389(14):1273-1285. (IF 158,500)
68. Korb CA, Lackner KJ, Wolters D, Schuster AK, Nickels S, Beutgen VM, Münzel T, Wild PS, Beutel ME, Schmidtman I, Pfeiffer N, Grus FH. Association of autoantibody levels with different stages of age-related macular degeneration (AMD): Results from the population-based Gutenberg Health Study (GHS). *Graefes Arch Clin Exp Ophthalmol*. 2023 Oct;261(10):2763-2773. (IF 2,700)
69. Krug J, Bochenek ML, Gogiraju R, Laubert-Reh D, Lackner KJ, Münzel T, Wild PS, Espinola-Klein C, Schäfer K. Circulating Soluble EPCR Levels Are Reduced in Patients with Ischemic Peripheral Artery Disease and Associated with Markers of Endothelial and Vascular Function. *Biomedicines*. 2023 Sep 4;11(9):2459. (IF 4,700)

70. Nikorowitsch J, Bei der Kellen R, Haack A, Magnussen C, Prochaska J, Wild PS, Dörr M, Twerenbold R, Schnabel RB, Kirchhof P, Blankenberg S, Markus MRP, Wenzel JP. Correlation of systolic and diastolic blood pressure with echocardiographic phenotypes of cardiac structure and function from three German population-based studies. *Sci Rep*. 2023 Sep 4;13(1):14525. (IF 4,600)
71. Beutel T, Koestner C, Wild PS, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N, Nübling M, Becker J, Letzel S. Burnout, self-rated general health and life satisfaction among teachers and other academic occupational groups. *Front Public Health*. 2023 Aug 11;11:1209995. (IF 5,200)
72. Otten D, Ernst M, Werner AM, Tibubos AN, Reiner I, Brähler E, Wiltink J, Michal M, Nagler M, Wild PS, Münzel T, König J, Lackner KJ, Peiffer N, Beutel ME. Depressive symptoms predict the incidence of common chronic diseases in women and men in a representative community sample. *Psychol Med*. 2023 Jul;53(9):4172-4180. (IF 6,900)
73. Werner AM, Ernst M, Brähler E, Tibubos AN, Otten D, Reiner I, Wiltink J, Michal M, Schulz A, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Beutel ME. The association of depressive symptoms and body weight change in midlife - Results from the Gutenberg Health Study in Germany. *J Affect Disord*. 2023 Jul 1;332:115-124. (IF 6,600)
74. Hoffmann J, Hanß S, Kraus M, Schaller J, Schäfer C, Stahl D, Anker SD, Anton G, Bahls T, Blankenberg S, Blumentritt A, Boldt LH, Cordes S, Desch S, Doehner W, Dörr M, Edelmann F, Eitel I, Endres M, Engelhardt S, Erdmann J, Eulenburger K, Falk V, Felix SB, Frank D, Franke T, Frey N, Friede T, Geidel L, Germans L, Grabmaier U, Halle M, Hausleiter J, Jakobi V, Jebran AF, Jobs A, Kääh S, Karakas M, Katus HA, Klatt A, Knosalla C, Krebsler J, Landmesser U, Lee M, Lehnert K, Lesser S, Leyh K, Lorbeer R, Mach-Kolb S, Meder B, Nagel E, Nolte CH, Parwani AS, Petersmann A, Puls M, Rau H, Reiser M, Rienhoff O, Scharfe T, Schattschneider M, Scheel H, Schnabel RB, Schuster A, Schmitt B, Seidler T, Seiffert M, Stähli BE, Stas A, J Stocker T, von Stülpnagel L, Thiele H, Wachter R, Wakili R, Weis T, Weitmann K, Wichmann HE, Wild P, Zeller T, Hoffmann W, Zeisberg EM, Zimmermann WH, Krefting D, Kühne T, Peters A, Hasenfuß G, Massberg S, Sommer T, Dimmeler S, Eschenhagen T, Nauck M. The DZHK research platform: maximisation of scientific value by enabling access to health data and biological samples collected in cardiovascular clinical studies. *Clin Res Cardiol*. 2023 Jul;112(7):923-941. (IF 5,000)
75. Ernst M, Hinz A, Brähler E, Merzenich H, Faber J, Wild PS, Beutel ME. Quality of life after pediatric cancer: comparison of long-term childhood cancer survivors' quality of life with a representative general population sample and associations with physical health and risk indicators. *Health Qual Life Outcomes*. 2023 Jul 4;21(1):65. (IF 3,600)
76. Molitor M, Bayo-Jimenez MT, Hahad O, Witzler C, Finger S, Garlapati VS, Rajlic S, Knopp T, Bieler TK, Aluia M, Wild J, Lagrange J, Blessing R, Rapp S, Schulz A, Kleinert H, Karbach S, Steven S, Ruf W, Wild P, Daiber A, Münzel T, Wenzel P. Aircraft noise exposure induces pro-inflammatory vascular conditioning and amplifies vascular dysfunction and impairment of cardiac function after myocardial infarction. *Cardiovasc Res*. 2023 Jun 13;119(6):1416-1426. (IF 10,900)
77. Nagy M, Robles AP, Visser M, Koeck T, Ten Cate V, Ten Cate-Hoek AJ, Schwerts S, Heitmeier S, Ten Cate H, Wild PS, Spronk HMH. Predictive value for increased activated factor XI activity in acute venous thromboembolism. *J Thromb Haemost*. 2023 Jun;21(6):1610-1622. (IF 10,400)

78. Hartmann A, Grabitz SD, Hoffmann EM, Wild PS, Schmidtman I, Lackner KJ, Beutel ME, Münzel T, Tüscher O, Schattenberg JM, Pfeiffer N, Schuster AK. Intraocular Pressure and Its Relation to Climate Parameters-Results From the Gutenberg Health Study. *Invest Ophthalmol Vis Sci.* 2023 Jun 1;64(7):15. (IF 4,400)
79. Tamm AR, Jobst ML, Geyer M, Hahad O, Buderus V, Schmidt A, Prochaska JH, Wild PS, Treede H, Münzel T, von Bardeleben RS. Quality of life in patients with transcatheter aortic valve implantation: an analysis from the INTERVENT project. *Front Cardiovasc Med.* 2023 Jun 26;10:1181771. (IF 3,600)
80. Iding AFJ, Pallares Robles A, Ten Cate V, Ten Cate H, Wild PS, Ten Cate-Hoek AJ. Exploring phenotypes of deep vein thrombosis in relation to clinical outcomes beyond recurrence. *J Thromb Haemost.* 2023 May;21(5):1238-1247. (IF 10,400)
81. Hettich-Damm N, Petersen J, Zahn D, Baumkoetter R, Wild PS, Muenzel T, Schuster AK, Koenig J, Lackner K, Pfeiffer N, Beutel ME, Engwicht E. Gender Differences and the Impact of Partnership and Children on Quality of Life During the COVID-19 Pandemic. *Int J Public Health.* 2023 May 22;68:1605826. (IF 4,600)
82. Hackenberg B, O'Brien K, Döge J, Lackner KJ, Beutel ME, Münzel T, Pfeiffer N, Schulz A, Schmidtman I, Wild PS, Matthias C, Bahr-Hamm K. Tinnitus Prevalence in the Adult Population-Results from the Gutenberg Health Study. *Medicina (Kaunas).* 2023 Mar 20;59(3):620. (IF 2,600)
83. Döge J, Hackenberg B, O'Brien K, Bohnert A, Rader T, Beutel ME, Münzel T, Pfeiffer N, Nagler M, Schmidtman I, Wild PS, Matthias C, Bahr K. The Prevalence of Hearing Loss and Provision With Hearing Aids in the Gutenberg Health Study. *Dtsch Arztebl Int.* 2023 Feb 17;120(Forthcoming):99-106. (IF 7,700)
84. Hackenberg B, Döge J, O'Brien K, Bohnert A, Lackner KJ, Beutel ME, Michal M, Münzel T, Wild PS, Pfeiffer N, Schulz A, Schmidtman I, Matthias C, Bahr K. Tinnitus and Its Relation to Depression, Anxiety, and Stress-A Population-Based Cohort Study. *J Clin Med.* 2023 Feb 1;12(3):1169. (IF 3,900)
85. Hahad O, Schmitt VH, Arnold N, Keller K, Prochaska JH, Wild PS, Schulz A, Lackner KJ, Pfeiffer N, Schmidtman I, Michal M, Schattenberg JM, Tüscher O, Daiber A, Münzel T. Chronic cigarette smoking is associated with increased arterial stiffness in men and women: evidence from a large population-based cohort. *Clin Res Cardiol.* 2023 Feb;112(2):270-284. (IF 5,000)
86. Ernst M, Werner AM, Brähler E, Wild PS, Faber J, Merzenich H, Beutel ME. Posttraumatic growth after childhood cancer: Psychometric evaluation of a five-item short form and associations with mental health. *J Psychosom Res.* 2023 Jan;164:111099. (IF 4,700)
87. Michal M, Schulz A, Wild PS, Koeck T, Münzel T, Schuster AK, Strauch K, Lackner K, Süssmuth SD, Niessen HG, Borta A, Allers KA, Zahn D, Beutel ME. Tryptophan catabolites and depression in the general population: results from the Gutenberg Health Study. *BMC Psychiatry.* 2023 Jan 11;23(1):27. (IF 4,400)
88. Stingl JV, Ban SA, Nagler M, Schmidtman I, Wild PS, Lackner KJ, Münzel T, Beutel ME, Pfeiffer N, Schuster AK. Five-year change in refractive error and its risk factors: results from the Gutenberg Health Study. *Br J Ophthalmol.* 2023 Jan;107(1):140-146. (IF 4,100)
89. Schepers M, Schmidtman I, Zahn D, Wild P, Beutel M, Schuster AK, Münzel T, Lackner KJ, Geschke K, Schattenberg J, Baumkötter R, Yilmaz S, Wollschläger D. Medical

- appointments and provision of medical care during the COVID-19 pandemic in Mainz, Germany. *PLoS One*. 2023 Jan 12;18(1):e0280292. (IF 3,700)
90. Fieß A, Urschitz MS, Nagler M, Nickels S, Marx-Groß S, Münzel T, Wild PS, Beutel ME, Lackner KJ, Pfeiffer N, Schuster AK. Association of birth weight with corneal aberrations in adulthood - Results from a population-based study. *J Optom*. 2023 Jan-Mar;16(1):42-52. (IF 2,300)
 91. Haase T, Müller C, Stoffers B, Kirn P, Waldenberger M, Kaiser FJ, Karakas M, Kim SV, Voss S, Wild PS, Lackner KJ, Andersson J, Söderberg S, Lindner D, Zeller T. G Protein-Coupled Receptor 15 Expression Is Associated with Myocardial Infarction. *Int J Mol Sci*. 2022 Dec 22;24(1):180. (IF 5,600)
 92. Petersen J, Hettich N, Baumkötter R, Wild PS, Pfeiffer N, Münzel T, König J, Lackner KJ, Beutel ME. The burdens of poverty during the COVID-19 pandemic. *Front Sociol*. 2022 Nov 24;7:995318. (IF 2,500)
 93. Hahad O, Beutel ME, Gilan DA, Chalabi J, Schuster AK, Gianicolo E, Lackner KJ, Lieb K, Galle PR, Wild PS, Daiber A, Münzel T. Noise annoyance and risk of prevalent and incident atrial fibrillation-A sex-specific analysis. *Front Public Health*. 2022 Dec 2;10:1061328. (IF 5,200)
 94. van Paridon PCS, Panova-Noeva M, van Oerle R, Schulz A, Prochaska JH, Arnold N, Schmidtman I, Beutel M, Pfeiffer N, Münzel T, Lackner KJ, Ten Cate H, Wild PS, Spronk HMH. Lower levels of vWF are associated with lower risk of cardiovascular disease. *Res Pract Thromb Haemost*. 2022 Nov 6;6(7):e12797. (IF 4,600)
 95. Baidildinova G, Ten Cate V, Nagler M, Panova-Noeva M, Rapp S, Köck T, Prochaska JH, Heitmeier S, Gerdes C, Schwers S, Konstantinides SV, Münzel T, Espinola-Klein C, Lackner KJ, Spronk HMN, Ten Cate H, van der Meijden PEJ, Leineweber K, Wild PS, Jurk K. Subtype-specific plasma signatures of platelet-related protein releasate in acute pulmonary embolism. *Thromb Res*. 2022 Dec;220:75-87. (IF 7,500)
 96. Pokora RM, Büttner M, Schulz A, Schuster AK, Merzenich H, Teifke A, Michal M, Lackner K, Münzel T, Zeissig SR, Wild PS, Singer S, Wollschläger D. Determinants of mammography screening participation-a cross-sectional analysis of the German population-based Gutenberg Health Study (GHS). *PLoS One*. 2022;17(10):e0275525. (IF 3,700)
 97. Wicke FS, Schmidt P, Petersen J, Ernst M, Krakau L, Brähler E, Tibubos AN, Otten D, Reiner I, Michal M, Schulz A, Münzel T, Wild PS, König J, Lackner KJ, Pfeiffer N, Beutel ME. Depression predicts equivalized income five years later, but not vice versa: Results from the prospective Gutenberg Health Study. *Soc Sci Med*. 2022;313:115395. (IF 5,400)
 98. Kiel M, Grabitz SD, Hopf S, Koeck T, Wild PS, Schmidtman I, Lackner KJ, Münzel T, Beutel ME, Pfeiffer N, Schuster AK. Distribution of Pupil Size and Associated Factors: Results from the Population-Based Gutenberg Health Study. *J Ophthalmol*. 2022;2022:9520512. (IF 1,900)
 99. Hahad O, Beutel M, Gilan DA, Michal M, Schulz A, Pfeiffer N, König J, Lackner K, Wild P, Daiber A, Münzel T. The association of smoking and smoking cessation with prevalent and incident symptoms of depression, anxiety, and sleep disturbance in the general population. *J Affect Disord*. 2022; 313:100-109. (IF 6,600)

100. Wicke FS, Ernst M, Otten D, Werner A, Dreier M, Brähler E, Tibubos AN, Reiner I, Michal M, Wiltink J, Münzel T, Lackner KJ, Pfeiffer N, König J, Wild PS and Beutel ME. The association of depression and all-cause mortality: Explanatory factors and the influence of gender. *J Affect Disord.* 2022;303:315-322. (IF 6,533)
101. van Paridon PCS, Panova-Noeva M, van Oerle R, Schulz A, Prochaska JH, Arnold N, Schmidtman I, Beutel M, Pfeiffer N, Münzel T, Lackner KJ, Ten Cate H, Wild PS and Spronk HMH. Relationships between coagulation factors and thrombin generation in a general population with arterial and venous disease background. *Thromb J.* 2022;20:32. (IF 3,100)
102. Valerio L, Mavromanoli AC, Barco S, Abele C, Becker D, Bruch L, Ewert R, Faehling M, Fistera D, Gerhardt F, Ghofrani HA, Grgic A, Grünig E, Halank M, Held M, Hobohm L, Hoepfer MM, Klok FA, Lankeit M, Leuchte HH, Martin N, Mayer E, Meyer FJ, Neurohr C, Opitz C, Schmidt KH, Seyfarth HJ, Wachter R, Wilkens H, Wild PS, Konstantinides SV and Rosenkranz S. Chronic thromboembolic pulmonary hypertension and impairment after pulmonary embolism: the FOCUS study. *Eur Heart J.* 2022. (IF 39,300)
103. Schnabel RB, Wallenhorst C, Engler D, Blankenberg S, Pfeiffer N, Spruenker NA, Buettner M, Michal M, Lackner KJ, Münzel T, Wild PS, Martinez C and Freedman B. Refined atrial fibrillation screening and cost-effectiveness in the German population. *Heart.* 2022;108:451-457. (IF 5,700)
104. Schnabel RB, Magnussen C, Schulz A, Ojeda FM, Schmitt VH, Arnold N, Sinning CR, Beutel ME, Schmidtman I, Pfeiffer N, Leuschner A, Lackner KJ, Gori T, Benjamin EJ, Binder H, Wild PS, Blankenberg S and Münzel T. Non-invasive peripheral vascular function, incident cardiovascular disease, and mortality in the general population. *Cardiovasc Res.* 2022;118:904-912. (IF 10,900)
105. Otten D, Ernst M, Tibubos AN, Brähler E, Fleischer T, Schomerus G, Wild PS, Zöller D, Binder H, Kruse J, Johar H, Atasoy S, Grabe HJ, Ladwig KH, Münzel T, Völzke H, König J and Beutel ME. Does social support prevent suicidal ideation in women and men? Gender-sensitive analyses of an important protective factor within prospective community cohorts. *J Affect Disord.* 2022;306:157-166. (IF 6,600)
106. Nuebling M, Hegewald J, Starke KR, Lincke HJ, Jankowiak S, Liebers F, Latza U, Letzel S, Riechmann-Wolf M, Gianicolo E, Beutel M, Pfeiffer N, Lackner K, Münzel T, Wild PS and Seidler A. The Gutenberg health study: a five-year prospective analysis of psychosocial working conditions using COPSQQ (Copenhagen psychosocial Questionnaire) and ERI (effort-reward imbalance). *BMC Public Health.* 2022;22:24. (IF 4,500)
107. Hopf S, Heidt F, Korb CA, Schulz A, Münzel T, Wild PS, Beutel M, Schmidtman, I, Lackner KJ, Pfeiffer N, Schuster AK. Five-Year Cumulative Incidence and Progression of Myopic Maculopathy in a German Population. *Ophthalmology.* 2022 May;129(5):562-570. (IF 13,700)
108. Mauschitz MM, Schmitz MT, Verzijden T, Schmid M, Thee EF, Colijn JM, Delcourt C, Cougnard-Grégoire A, Merle BMJ, Korobelnik JF, Gopinath B, Mitchell P, Elbaz H, Schuster AK, Wild PS, Brandl C, Stark KJ, Heid IM, Günther F, Peters A, Klaver CCW and Finger RP. Physical Activity, Incidence, and Progression of Age-Related Macular Degeneration: A Multicohort Study. *Am J Ophthalmol.* 2022;236:99-106. (IF 4,200)

Publications

109. Korb CA, Elbaz H, Schuster AK, Nickels S, Ponto KA, Schulz A, Wild PS, Münzel T, Beutel ME, Schmidtman I, Lackner KJ, Peto T and Pfeiffer N. Five-year cumulative incidence and progression of age-related macular degeneration: results from the German population-based Gutenberg Health Study (GHS). *Graefes Arch Clin Exp Ophthalmol.* 2022;260:55-64. (IF 3,535)
110. Rossnagel K, Jankowiak S, Liebers F, Schulz A, Wild P, Arnold N, Seidler A, Hegewald J, Romero Starke K, Letzel S, Riechmann-Wolf M, Nübling M, Beutel M, Pfeiffer N, Lackner K, Münzel T, Poplawski A & Latza U. Long working hours and risk of cardiovascular outcomes and diabetes type II: five-year follow-up of the Gutenberg Health Study (GHS). *Int Arch Occup Environ Health.* 2022;95:303-312. (IF 2,851)
111. Huber Y, Schulz A, Schmidtman I, Beutel M, Pfeiffer N, Münzel T, Galle PR, Wild PS, Lackner KJ and Schattenberg JM. Prevalence and Risk Factors of Advanced Liver Fibrosis in a Population-Based Study in Germany. *Hepatol Commun.* 2022;6:1457-1466. (IF 5,100)
112. Hopf S, Heidt F, Korb CA, Schulz A, Münzel T, Wild PS, Beutel M, Schmidtman I, Lackner KJ, Pfeiffer N and Schuster AK. Five-Year Cumulative Incidence and Progression of Myopic Maculopathy in a German Population. *Ophthalmology.* 2022;129:562-570. (IF 13,700)
113. Hoffmann EM, Aghayeva F, Wagner FM, Fiess A, Nagler M, Münzel T, Wild PS, Beutel ME, Schmidtman I, Lackner KJ, Pfeiffer N and Schuster AK. Intraocular Pressure and Its Relation to Ocular Geometry: Results From the Gutenberg Health Study. *Invest Ophthalmol Vis Sci.* 2022;63:40. (IF 4,400)
114. Heidorn MW, Steck S, Müller F, Tröbs SO, Buch G, Schulz A, Schwuchow-Thonke S, Schuch A, Strauch K, Schmidtman I, Lackner KJ, Gori T, Münzel T, Wild PS and Prochaska JH. FEV(1) Predicts Cardiac Status and Outcome in Chronic Heart Failure. *Chest.* 2022;161:179-189. (IF 10,100)
115. Hahad O, Beutel M, Michal M, Schulz A, Pfeiffer N, Gianicolo E, Lackner K, Wild P, Daiber A and Münzel T. [Noise annoyance in the German general population : Prevalence and determinants in the Gutenberg Health Study]. *Herz.* 2022;47:265-279. (IF 1,700)
116. Fieß A, Stingl J, Urschitz MS, Hoffmann EM, Münzel T, Wild PS, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Birth weight and its association with optic nerve head morphology - results from the population-based German Gutenberg Health Study. *Acta Ophthalmol.* 2022;100:e1349-e1350. (IF 3,400)
117. Fieß A, Marx-Groß S, Wasielica-Poslednik J, Nagler M, Schmidtman I, Wild PS, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Peripheral corneal thickness and associated factors - results from the population-based German Gutenberg Health Study. *Acta Ophthalmol.* 2022;100:e1298-e1305. (IF 3,400)
118. Ernst M, Brähler E, Faber J, Wild PS, Merzenich H and Beutel ME. A Mixed-Methods Investigation of Medical Follow-Up in Long-Term Childhood Cancer Survivors: What Are the Reasons for Non-Attendance? *Front Psychol.* 2022;13:846671. (IF 3,800)
119. Efentakis P, Molitor M, Kossmann S, Bochenek ML, Wild J, Lagrange J, Finger S, Jung R, Karbach S, Schäfer K, Schulz A, Wild P, Münzel T and Wenzel P. Tubulin-folding cofactor E deficiency promotes vascular dysfunction by increased endoplasmic reticulum stress. *Eur Heart J.* 2022;43:488-500. (IF 39,300)

120. Bochenek ML, Gogiraju R, Großmann S, Krug J, Orth J, Reyda S, Georgiadis GS, Spronk HM, Konstantinides S, Münzel T, Griffin JH, Wild P, Espinola-Klein C, Ruf W and Schäfer K. EPCR-PAR1 biased signaling regulates perfusion recovery and neovascularization in peripheral ischemia. *JCI Insight*. 2022;7. (IF 8,000)
121. Wejbera M, Wölfling K, Dreier M, Michal M, Brähler E, Wiltink J, Schulz A, Wild PS, Münzel T, König J, Lackner K, Pfeiffer N and Beutel ME. Risk factors, physical and mental health burden of male and female pathological gamblers in the German general population aged 40-80. *BMC Psychiatry*. 2021;21:123. (IF 4,144)
122. Wasielica-Poslednik J, Hampel U, Ries L, Faysal R, Schulz A, Prochaska JH, Wild PS, Schmidtmann I, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Prevalence of corneal arcus and associated factors in a German population-Results from the Gutenberg Health Study. *PLoS One*. 2021;16:e0255893. (IF 3,752)
123. Waas T, Schulz A, Lotz J, Rossmann H, Pfeiffer N, Beutel ME, Schmidtmann I, Münzel T, Wild PS and Lackner KJ. Distribution of estimated glomerular filtration rate and determinants of its age dependent loss in a German population-based study. *Sci Rep*. 2021;11:10165. (IF 4,997)
124. Valerio L, Barco S, Jankowski M, Rosenkranz S, Lankeit M, Held M, Gerhardt F, Bruch L, Ewert R, Faehling M, Freise J, Ghofrani HA, Grünig E, Halank M, Hoepfer MM, Klok FA, Leuchte HH, Mayer E, Meyer FJ, Neurohr C, Opitz C, Schmidt KH, Seyfarth HJ, Trudzinski F, Wachter R, Wilkens H, Wild PS and Konstantinides SV. Quality of Life 3 and 12 Months Following Acute Pulmonary Embolism: Analysis From a Prospective Multicenter Cohort Study. *Chest*. 2021;159:2428-2438. (IF 11,393)
125. Tibubos AN, Otten D, Zöllner D, Binder H, Wild PS, Fleischer T, Johar H, Atasoy S, Schulze L, Ladwig KH, Schomerus G, Linkohr B, Grabe HJ, Kruse J, Schmidt CO, Münzel T, König J, Brähler E and Beutel ME. Bidimensional structure and measurement equivalence of the Patient Health Questionnaire-9: sex-sensitive assessment of depressive symptoms in three representative German cohort studies. *BMC Psychiatry*. 2021;21:238. (IF 4,144)
126. Riechmann-Wolf M, Jankowiak S, Schulz A, Hegewald J, Starke KR, Liebers F, Rossnagel K, Poplawski A, Arnold N, Nübling M, Seidler A, Beutel M, Pfeiffer N, Lackner K, Münzel T, Bogner K, Wild PS, Latza U and Letzel S. Correction to: Self-reported cardiovascular health of teachers: results from the 5-year follow-up of the Gutenberg Health Study cohort. *Int Arch Occup Environ Health*. 2021;94:2021.
127. Riechmann-Wolf M, Jankowiak S, Schulz A, Hegewald J, Romero Starke K, Liebers F, Rossnagel K, Poplawski A, Arnold N, Nübling M, Seidler A, Beutel M, Pfeiffer N, Lackner K, Münzel T, Bogner K, Wild PS, Latza U and Letzel S. Self-reported cardiovascular health of teachers: results from the 5-year follow-up of the Gutenberg Health Study cohort. *Int Arch Occup Environ Health*. 2021;94:251-259. (IF 2,851)
128. Reagh JJ, Zheng H, Stolz U, Parry BA, Chang AM, House SL, Giordano NJ, Cohen J, Singer AJ, Francis S, Prochaska JH, Zeserson E, Wild PS, Limkakeng AT, Jr., Walters EL, LoVecchio F, Theodoro D, Hollander JE, Kabrhel C and Fermann GJ. Sex-related differences in D-dimer levels for venous thromboembolism screening. *Acad Emerg Med*. 2021;28:873-881. (IF 5,221)
129. Otten D, Tibubos AN, Schomerus G, Brähler E, Binder H, Kruse J, Ladwig KH, Wild PS, Grabe HJ and Beutel ME. Similarities and Differences of Mental Health in Women and

- Men: A Systematic Review of Findings in Three Large German Cohorts. *Front Public Health*. 2021;9:553071. (IF 6,461)
130. More P, Bindila L, Wild P, Andrade-Navarro M and Fontaine JF. LipiDisease: associate lipids to diseases using literature mining. *Bioinformatics*. 2021;37:3981-2. (IF 6,931)
 131. Michal M, Eggebrecht L, Göbel S, Panova-Noeva M, Nagler M, Arnold N, Lauterbach M, Bickel C, Wiltink J, Beutel ME, Münzel T, Wild PS and Prochaska JH. The relevance of depressive symptoms for the outcome of patients receiving vitamin K antagonists: results from the thrombEVAL cohort study. *Eur Heart J Cardiovasc Pharmacother*. 2021;7:271-279. (IF 11,177)
 132. Matli B, Schulz A, Koeck T, Falter T, Lotz J, Rossmann H, Pfeiffer N, Beutel M, Münzel T, Strauch K, Wild PS and Lackner KJ. Distribution of HOMA-IR in a population-based cohort and proposal for reference intervals. *Clin Chem Lab Med*. 2021;59:1844-1851. (IF 8,490)
 133. Hettich N, Krakau L, Rückert K, Brähler E, Zahn D, Yilmaz S, Münzel T, Gianicolo E, Schmidtmann I, Schulz A, Wild PS, Lackner KJ, Schuster AK and Beutel ME. Willingness to be Vaccinated Against SARS-CoV-2 in the German Population During the Second Wave of the Pandemic. *Dtsch Arztebl Int*. 2021;118:720-721. (IF 8,251)
 134. Hegewald J, Starke KR, Garthus-Niegel S, Schulz A, Nübling M, Latza U, Jankowiak S, Liebers F, Rossnagel K, Riechmann-Wolf M, Letzel S, Arnold N, Beutel M, Gianicolo E, Pfeiffer N, Lackner K, Münzel T, Wild P and Seidler A. Correction: Work-life conflict and cardiovascular health: 5-year follow-up of the Gutenberg Health Study. *PLoS One*. 2021;16:e0258075.
 135. Hegewald J, Romero Starke K, Garthus-Niegel S, Schulz A, Nübling M, Latza U, Jankowiak S, Liebers F, Rossnagel K, Riechmann-Wolf M, Letzel S, Arnold N, Beutel M, Gianicolo E, Pfeiffer N, Lackner K, Münzel T, Wild P and Seidler A. Work-life conflict and cardiovascular health: 5-year follow-up of the Gutenberg Health Study. *PLoS One*. 2021;16:e0251260. (IF 3,752)
 136. Hampel U, Wasielica-Poslednik J, Ries L, Faysal R, Schulz A, Nickels S, Wild PS, Schmidtmann I, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Prevalence of pterygium and identification of associated factors in a German population - results from the Gutenberg Health Study. *Acta Ophthalmol*. 2021;99:e130-e131. (IF 3,988)
 137. Hahad O, Wild PS, Prochaska JH, Schulz A, Lackner KJ, Pfeiffer N, Schmidtmann I, Michal M, Beutel M, Daiber A and Münzel T. Midregional pro atrial natriuretic peptide: a novel important biomarker for noise annoyance-induced cardiovascular morbidity and mortality? *Clin Res Cardiol*. 2021;110:29-39. (IF 6,138)
 138. Hahad O, Arnold N, Prochaska JH, Panova-Noeva M, Schulz A, Lackner KJ, Pfeiffer N, Schmidtmann I, Michal M, Beutel M, Wild PS, Keaney JF, Jr., Daiber A and Münzel T. Cigarette Smoking Is Related to Endothelial Dysfunction of Resistance, but Not Conduit Arteries in the General Population-Results From the Gutenberg Health Study. *Front Cardiovasc Med*. 2021;8:674622. (IF 5,848)
 139. Hackenberg B, Döge J, Lackner KJ, Beutel ME, Münzel T, Pfeiffer N, Nagler M, Schmidtmann I, Wild PS, Matthias C and Bahr K. Hearing Loss and Its Burden of Disease in a Large German Cohort-Hearing Loss in Germany. *Laryngoscope*. 2021. (IF 2,970)

140. Gerstenberger E, Stoffelns B, Nickels S, Münzel T, Wild PS, Beutel ME, Schmidtman I, Lackner KJ, Pfeiffer N and Schuster AK. Incidence of Retinal Detachment in Germany: Results from the Gutenberg Health Study. *Ophthalmologica*. 2021;244:133-140. (IF 3,757)
141. Fieß A, Wagner FM, Urschitz MS, Nagler M, Stoffelns B, Wild PS, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Association of Birth Weight With Foveolar Thickness in Adulthood: Results From a Population-Based Study. *Invest Ophthalmol Vis Sci*. 2021;62:9. (IF 4,925)
142. Fieß A, Urschitz MS, Marx-Groß S, Nagler M, Wild PS, Münzel T, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Association of Birth Weight with Central and Peripheral Corneal Thickness in Adulthood-Results from the Population-Based German Gutenberg Health Study. *Children (Basel)*. 2021;8. (IF 2,835)
143. Fieß A, Ponto KA, Urschitz MS, Nickels S, Schulz A, Münzel T, Wild PS, Beutel ME, Lackner KJ, Pfeiffer N and Schuster AK. Birthweight and its association with retinal vessel equivalents - Results from the population-based German Gutenberg Health Study. *Acta Ophthalmol*. 2021;99:e773-e774. (IF 3,988)
144. Fieß A, Nickels S, Schulz A, Münzel T, Wild PS, Beutel ME, Urschitz MS, Lackner KJ, Pfeiffer N and Schuster AK. The relationship of ocular geometry with refractive error in normal and low birth weight adults. *J Optom*. 2021;14:50-57. (IF 0,930)
145. Fieß A, Lamparter J, Raum P, Peto T, Ponto KA, Nickels S, Münzel T, Wild PS, Beutel ME, Urschitz MS, Lackner KJ, Pfeiffer N and Schuster AK. Birth Weight and Diabetic Retinopathy: Results From the Population-Based Gutenberg Health Study (GHS). *Ophthalmic Epidemiol*. 2021;28:122-130. (IF 1,755)
146. Ernst M, Brähler E, Wild PS, Faber J, Merzenich H and Beutel ME. Loneliness predicts suicidal ideation and anxiety symptoms in long-term childhood cancer survivors. *Int J Clin Health Psychol*. 2021;21:100201. (IF 5,900)
147. Ernst M, Brähler E, Otten D, Werner AM, Tibubos AN, Reiner I, Wicke F, Wiltink J, Michal M, Nagler M, Münzel T, Wild PS, König J, Pfeiffer N, Borta A, Lackner KJ and Beutel ME. Inflammation predicts new onset of depression in men, but not in women within a prospective, representative community cohort. *Sci Rep*. 2021;11:2271. (IF 4,997)
148. Elbaz H, Schuster AK, Nickels S, Nagler M, Ponto KI, Münzel T, Wild PS, Beutel ME, Schmidtman I, Lackner KJ, Pfeiffer N and Peto T. Epidemiologic Analysis of Asteroid Hyalosis and Associations: The Gutenberg Health Study. *Ophthalmology*. 2021;128:328-330. (IF 14,277)
149. Dahlen B, Schulz A, Göbel S, Tröbs SO, Schwuchow-Thonke S, Spronk HM, Prochaska JH, Arnold N, Lackner KJ, Gori T, Ten Cate H, Münzel T, Wild PS and Panova-Noeva M. The impact of platelet indices on clinical outcome in heart failure: results from the MyoVasc study. *ESC Heart Fail*. 2021;8:2991-3001. (IF 3,612)
150. Dahlen B, Müller F, Tröbs SO, Heidorn MW, Schulz A, Arnold N, Hermanns MI, Schwuchow-Thonke S, Prochaska JH, Gori T, Ten Cate H, Lackner KJ, Münzel T, Wild PS and Panova-Noeva M. Sex-Specific Relationship Between Parathyroid Hormone and Platelet Indices in Phenotypes of Heart Failure-Results From the MyoVasc Study. *Front Cardiovasc Med*. 2021;8:682521. (IF 5,848)

151. Cheng Y, Ma N, Witt C, Rapp S, Wild PS, Andreae MO, Pöschl U and Su H. Face masks effectively limit the probability of SARS-CoV-2 transmission. *Science*. 2021;372:1439-43. (IF 63,832)
152. Barco S, Schmidtmann I, Ageno W, Anušić T, Bauersachs RM, Becattini C, Bernardi E, Beyer-Westendorf J, Bonacchini L, Brachmann J, Christ M, Czihal M, Duerschmied D, Empen K, Espinola-Klein C, Ficker JH, Fonseca C, Genth-Zotz S, Jiménez D, Harjola VP, Held M, Iogna Prat L, Lange TJ, Lankeit M, Manolis A, Meyer A, Münzel T, Mustonen P, Rauch-Kroehnert U, Ruiz-Artacho P, Schellong S, Schwaiblmair M, Stahrenberg R, Valerio L, Westerweel PE, Wild PS and Konstantinides SV. Survival and quality of life after early discharge in low-risk pulmonary embolism. *Eur Respir J*. 2021;57. (IF 33,801)
153. Baidildinova G, Nagy M, Jurk K, Wild PS, Ten Cate H and van der Meijden PEJ. Soluble Platelet Release Factors as Biomarkers for Cardiovascular Disease. *Front Cardiovasc Med*. 2021;8:684920. (IF 5,848)
154. Adenaueer A, Ezigbo ED, Fawzy Nazir H, Barco S, Trincherro A, Laubert-Reh D, Strauch K, Wild PS, Lackner KJ, Lämmle B and Rossmann H. c.451dupT in KLKB1 is common in Nigerians, confirming a higher prevalence of severe prekallikrein deficiency in Africans compared to Europeans. *J Thromb Haemost*. 2021;19:147-152. (IF 16,041)
155. Steven Hageman, Lisa Pennells, Francisco Ojeda, Stephen Kaptoge, Kari Kuulasmaa, Tamar de Vries, Zhe Xu, Frank Kee, Ryan Chung, Angela Wood, John William McEvoy, Giovanni Veronesi, Thomas Bolton, Stephan Achenbach, Krasimira Aleksandrova, Pilar Amiano, Philippe Amouyel, Jonas Andersson, Stephan J. L. Bakker, Rui Bebiano Da Providencia Costa, Joline W. J. Beulens, Michael Blaha, Martin Bobak, Jolanda M. A. Boer, Catalina Bonet, Fabrice Bonnet, Marie-Christine Boutron-Ruault, Tonje Braaten, Hermann Brenner, Fabian Brunner, Eric J. Brunner, Mattias Brunström, Julie Buring, Adam S. Butterworth, Nadezda Capkova, Giancarlo Cesana, Christina Chrysohoou, Sandra Colorado-Yohar, Nancy R. Cook, Cyrus Cooper, Christina C. Dahm, Karina Davidson, Elaine Dennison, Augusto Di Castelnuovo, Chiara Donfrancesco, Marcus Dörr, Agnieszka Doryńska, Mats Eliasson, Gunnar Engström, Pietro Ferrari, Marco Ferrario, Ian Ford, Michael Fu, Ron T Gansevoort, Simona Giampaoli, Richard F. Gillum, Agustin Gómez de la Cámara, Guido Grassi, Per-Olof Hansson, Radu Huculeci, Kristian Hveem, Licia Iacoviello, M. Kamran Ikram, Torben Jørgensen, Bijoy Joseph, Pekka Jousilahti, J. Wouter Jukema, Rudolf Kaaks, Verena Katzke, Maryam Kavousi, Stefan Kiechl, Jens Klotsche, Wolfgang König, Richard A. Kronmal, Ruzena Kubinova, Anna Kucharska-Newton, Kristi Läll, Nils Lehmann, David Leistner, Allan Linneberg, David Lora Pablos, Thiess Lorenz, Wentian Lu, Dalia Luksiene, Magnus Lyngbakken, Christina Magnussen, Sofia Malyutina, Alejandro Marín Ibañez, Giovanna Masala, Ellisiv B. Mathiesen, Kuni Matsushita, Tom W. Meade, Olle Melander, Haakon E. Meyer, Karel G M. Moons, Conchi Moreno-Iribas, David Muller, Thomas Münzel, Yury Nikitin, Børge G. Nordestgaard, Torbjørn Omland, Charlotte Onland, Kim Overvad, Chris Packard, Andrzej Pająk, Luigi Palmieri, Demosthenes Panagiotakos, Salvatore Panico, Aurora Perez-Cornago, Annette Peters, Arto Pietilä, Hynek Pikhart, Bruce M. Psaty, Fosca Quarti-Trevano, J. Ramón Quirós Garcia, Elio Riboli, Paul M. Ridker, Beatriz Rodriguez, Miguel Rodriguez-Barranco, Annika Rosengren, Ronan Roussel, Carlotta Sacerdote, Susana Sans, Naveed Sattar, Catarina Schiborn, Børge Schmidt, Ben Schöttker, Matthias Schulze, Joseph E. Schwartz, Randi Marie Selmer, Steven Shea, Martin J. Shipley, Sabina Sieri, Stefan Söderberg, Reecha Sofat, Abdonas Tamosiunas, Barbara Thorand, Taavi Tillmann, Anne Tjønneland, Tammy Y N. Tong, Antonia Trichopoulou, Rosario Tumino, Hugh Tunstall-

- Pedoe, Anne Tybjaerg-Hansen, Joanna Tzoulaki, Amber van der Heijden, Yvonne T. van der Schouw, W M Monique Verschuren, Henry Völzke, Christoph Waldeyer, Nicholas J. Wareham, Elisabete Weiderpass, Franz Weidinger, Philipp Wild, Johann Willeit, Peter Willeit, Tom Wilsgaard, Mark Woodward, Tanja Zeller, Dudan Zhang, Bin Zhou, Paul Dendale, Brian A Ference, Martin Halle, Adam Timmis, Panos Vardas, John Danesh, Ian Graham, Veikko Salomaa, Frank Visseren, Dirk De Bacquer, Stefan Blankenberg, Jannick Dorresteijn, Emanuele Di Angelantonio. SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. *Eur Heart J*. 2021;42:2439-2454. (IF 35,855)
156. Wagner FM, Hoffmann EM, Nickels S, Fiess A, Münzel T, Wild PS, Beutel ME, Schmidtmann I, Lackner KJ, Pfeiffer N and Schuster AK. Peripapillary Retinal Nerve Fiber Layer Profile in Relation to Refractive Error and Axial Length: Results From the Gutenberg Health Study. *Transl Vis Sci Technol*. 2020;9:35. (IF 3,283)
 157. van Paridon PCS, Panova-Noeva M, van Oerle R, Schultz A, Hermanns IM, Prochaska JH, Arnold N, Binder H, Schmidtmann I, Beutel ME, Pfeiffer N, Münzel T, Lackner KJ, Ten Cate H, Wild PS and Spronk HMM. Thrombin generation in cardiovascular disease and mortality - results from the Gutenberg Health Study. *Haematologica*. 2020;105:2327-2334. (IF 9,941)
 158. Schuster AK, Nickels S, Pfeiffer N, Schmidtmann I, Wild PS, Münzel T, Beutel ME, Lackner KJ and Vossmerbaeumer U. Frequency of cataract surgery and its impact on visual function-results from the German Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol*. 2020;258:2223-2231. (IF 3,117)
 159. Schuster AK, Kluck AK, Korb CA, Stoffelns B, Nickels S, Schulz A, Münzel T, Wild PS, Beutel ME, Schmidtmann I, Lackner KJ, Peto T and Pfeiffer N. Characteristics and pathologies of the vitreo-macular interface-results from the Gutenberg Health Study. *Acta Ophthalmol*. 2020;98:e273-e281. (IF 3,761)
 160. Schrage B, Rübsamen N, Schulz A, Münzel T, Pfeiffer N, Wild PS, Beutel M, Schmidtmann I, Lott R, Blankenberg S, Zeller T, Lackner KJ and Karakas M. Iron deficiency is a common disorder in general population and independently predicts all-cause mortality: results from the Gutenberg Health Study. *Clin Res Cardiol*. 2020;109:1352-1357. (IF 5,460)
 161. Schlax J, Wiltink J, Beutel ME, Münzel T, Pfeiffer N, Wild P, Blettner M, Ghaemi Kerahrodi J and Michal M. Symptoms of depersonalization/derealization are independent risk factors for the development or persistence of psychological distress in the general population: Results from the Gutenberg health study. *J Affect Disord*. 2020;273:41-47. (IF 4,839)
 162. Romero Starke K, Hegewald J, Schulz A, Garthus-Niegel S, Nübling M, Wild PS, Arnold N, Latza U, Jankowiak S, Liebers F, Rossnagel K, Riechmann-Wolf M, Letzel S, Beutel M, Pfeiffer N, Lackner K, Münzel T and Seidler A. Cardiovascular health outcomes of mobbing at work: results of the population-based, five-year follow-up of the Gutenberg health study. *J Occup Med Toxicol*. 2020;15:15. (IF 2,646)
 163. Rezapour J, Schuster AK, Nickels S, Korb CA, Elbaz H, Peto T, Michal M, Münzel T, Wild PS, König J, Lackner K, Schulz A, Pfeiffer N and Beutel ME. Prevalence and new onset of depression and anxiety among participants with AMD in a European cohort. *Sci Rep*. 2020;10:4816. (IF 4,380)

164. Reiner IC, Tibubos AN, Werner AM, Ernst M, Brähler E, Wiltink J, Michal M, Schulz A, Wild PS, Münzel T, Arnold N, Mahmoudpour SH, Lackner KJ, Pfeiffer N and Beutel ME. The association of chronic anxiousness with cardiovascular disease and mortality in the community: results from the Gutenberg Health Study. *Sci Rep.* 2020;10:12436. **(IF 4,380)**
165. Nickels S, Blom HJ, Schulz A, Joachimsen L, Münzel T, Wild PS, Beutel ME, Blettner M, Lackner KJ, Pfeiffer N and Lagrèze WA. No evidence for an association of plasma homocysteine levels and refractive error - Results from the population-based Gutenberg Health Study (GHS). *PLoS One.* 2020;15:e0231011. **(IF 3,240)**
166. Naylor M, Short MI, Rasheed H, Lin H, Jonasson C, Yang Q, Hveem K, Felix JF, Morrison AC, Wild PS, Morley MP, Cappola TP, Benson MD, Ngo D, Sinha S, Keyes MJ, Shen D, Wang TJ, Larson MG, Brumpton BM, Gerszten RE, Omland T and Vasani RS. Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. *Circ Heart Fail.* 2020;13:e006749. **(IF 8,790)**
167. Lenz M, Schulz A, Koeck T, Rapp S, Nagler M, Sauer M, Eggebrecht L, Ten Cate V, Panova-Noeva M, Prochaska JH, Lackner KJ, Münzel T, Leineweber K, Wild PS and Andrade-Navarro MA. Missing value imputation in proximity extension assay-based targeted proteomics data. *PLoS One.* 2020;15:e0243487. **(IF 3,240)**
168. Lauterbach M, Uhrich E, Eggebrecht L, Göbel S, Panova-Noeva M, Nagler M, Ten Cate V, Bickel C, Espinola-Klein C, Münzel T, Wild PS and Prochaska JH. Specialized Management of Oral Anticoagulation Therapy Improves Outcome in Patients with Chronic Renal Insufficiency. *J Clin Med.* 2020;9. **(IF 4,242)**
169. Lagrange J, Wagner B, Nagler M, Ten Cate V, Pallares Robles A, Koeck T, Rapp S, Prochaska JH, Spronk HM, Wenzel P, Ruf W, Ten Cate H, Wild PS and Panova-Noeva M. Characterization of Thrombin Generation Curve Shape in Presence of Platelets from Acute Venous Thromboembolism Patients. *J Clin Med.* 2020;9. **(IF 4,242)**
170. Klein EM, Brähler E, Petrowski K, Tibubos AN, Ernst M, Wiltink J, Michal M, Wild PS, Schulz A, Münzel T, König J, Lackner K, Pfeiffer N and Beutel ME. The association between recalled parental rearing behavior and depressiveness: a comparison between 1st immigrants and non-immigrants in the population-based Gutenberg Health Study. *BMC Psychiatry.* 2020;20:367. **(IF 3,630)**
171. Klein EM, Brähler E, Petrowski K, Tibubos AN, Burghardt J, Wiltink J, Michal M, Wild PS, Schulz A, Münzel T, König J, Lackner K, Pfeiffer N and Beutel ME. Recalled parental rearing behavior in adult women and men with depressive and anxiety symptoms: Findings from a community study. *Z Psychosom Med Psychother.* 2020;66:243-258. **(IF 0,791)**
172. Kiouptsi K, Pontarollo G, Todorov H, Braun J, Jäckel S, Koeck T, Bayer F, Karwot C, Karpi A, Gerber S, Jansen Y, Wild P, Ruf W, Daiber A, Van Der Vorst E, Weber C, Döring Y and Reinhardt C. Germ-free housing conditions do not affect aortic root and aortic arch lesion size of late atherosclerotic low-density lipoprotein receptor-deficient mice. *Gut Microbes.* 2020;11:1809-1823. **(IF 10,245)**
173. Keller K, Göbel S, Ten Cate V, Panova-Noeva M, Eggebrecht L, Nagler M, Coldewey M, Foebel M, Bickel C, Lauterbach M, Espinola-Klein C, Lackner KJ, Cate HT, Münzel T, Wild PS and J HP. Telemedicine-Based Specialized Care Improves the Outcome of

- Anticoagulated Individuals with Venous Thromboembolism-Results from the thrombEVAL Study. *J Clin Med.* 2020;9. (IF 4,242)
174. Hopf S, Korb C, Nickels S, Schulz A, Münzel T, Wild PS, Michal M, Schmidtman I, Lackner KJ, Pfeiffer N and Schuster AK. Prevalence of myopic maculopathy in the German population: results from the Gutenberg health study. *Br J Ophthalmol.* 2020;104:1254-1259. (IF 4,638)
 175. Hampel U, Schuster AK, Nickels S, Schulz A, Lackner KJ, Münzel T, Wild PS, Beutel M, Schmidtman I and Pfeiffer N. Schirmer test results: are they associated with topical or systemic medication? *Ocul Surf.* 2020;18:141-147. (IF 5,033)
 176. Fieß A, Nickels S, Urschitz MS, Münzel T, Wild PS, Beutel ME, Lackner KJ, Hoffmann EM, Pfeiffer N and Schuster AK. Association of Birth Weight with Peripapillary Retinal Nerve Fiber Layer Thickness in Adulthood-Results from a Population-Based Study. *Invest Ophthalmol Vis Sci.* 2020;61:4. (IF 4,799)
 177. Fieß A, Elflein HM, Urschitz MS, Pesudovs K, Münzel T, Wild PS, Michal M, Lackner KJ, Pfeiffer N, Nickels S and Schuster AK. Prevalence of Strabismus and Its Impact on Vision-Related Quality of Life: Results from the German Population-Based Gutenberg Health Study. *Ophthalmology.* 2020;127:1113-1122. (IF 12,079)
 178. Ernst M, Reiner I, Fieß A, Tibubos AN, Schulz A, Burghardt J, Klein EM, Brähler E, Wild PS, Münzel T, König J, Lackner KJ, Pfeiffer N, Michal M, Wiltink J and Beutel ME. Sex-dependent associations of low birth weight and suicidal ideation in adulthood: a community-based cohort study. *Sci Rep.* 2020;10:12969. (IF 4,380)
 179. Ernst M, Brähler E, Wild PS, Jünger C, Faber J, Schneider A and Beutel ME. Risk factors for suicidal ideation in a large, registry-based sample of adult long-term childhood cancer survivors. *J Affect Disord.* 2020;265:351-356. (IF 4,839)
 180. Ernst M, Brähler E, Wild PS, Faber J, Merzenich H and Beutel ME. The desire for children among adult survivors of childhood cancer: Psychometric evaluation of a cancer-specific questionnaire and relations with sociodemographic and psychological characteristics. *Psychooncology.* 2020;29:485-492. (IF 3,894)
 181. Ernst M, Brähler E, Klein EM, Jünger C, Wild PS, Faber J, Schneider A and Beutel ME. What's past is prologue: Recalled parenting styles are associated with childhood cancer survivors' mental health outcomes more than 25 years after diagnosis. *Soc Sci Med.* 2020;252:112916. (IF 4,634)
 182. Burghardt J, Tibubos AN, Otten D, Brähler E, Binder H, Grabe H, Kruse J, Ladwig KH, Schomerus G, Wild PS and Beutel ME. A multi-cohort consortium for Gender-Sensitive Analyses of mental health trajectories and implications for prevention (GESA) in the general population in Germany. *BMJ Open.* 2020;10:e034220. (IF 2,692)
 183. Beutel ME, Tibubos AN, Michal M, Wiltink J, Otten D, Werner A, Wild PS, Münzel T, Lackner KJ, Pfeiffer N, König J and Brähler E. [Psychosomatic medicine in the Gutenberg Health Study (GHS) - research questions, measurement instruments, selected results]. *Z Psychosom Med Psychother.* 2020;66:355-375. (IF 0,791)
 184. Beutel ME, Brähler E, Ernst M, Klein E, Reiner I, Wiltink J, Michal M, Wild PS, Schulz A, Münzel T, Hahad O, König J, Lackner KJ, Pfeiffer N and Tibubos AN. Noise annoyance predicts symptoms of depression, anxiety and sleep disturbance 5 years later. Findings from the Gutenberg Health Study. *Eur J Public Health.* 2020;30:516-521. (IF 3,367)

185. Bell K, Beutgen VM, Nickels S, Lorenz K, Scheller Y, Elbaz H, Peto T, Ponto KA, Schulz A, Wild PS, Münzel T, Lackner KJ, Schmidtman I, Beutel M, Pfeiffer N, Grus FH and Schuster AK. Results from the Population-Based Gutenberg Health Study Revealing Four Altered Autoantibodies in Retinal Vein Occlusion Patients. *J Ophthalmol.* 2020;2020:8386160. (IF 1,909)
186. Barco S, Schmidtman I, Ageno W, Bauersachs RM, Becattini C, Bernardi E, Beyer-Westendorf J, Bonacchini L, Brachmann J, Christ M, Czihal M, Duerschmied D, Empen K, Espinola-Klein C, Ficker JH, Fonseca C, Genth-Zotz S, Jiménez D, Harjola VP, Held M, Ilogna Prat L, Lange TJ, Manolis A, Meyer A, Mustonen P, Rauch-Kroehnert U, Ruiz-Artacho P, Schellong S, Schwaiblmair M, Stahrenberg R, Westerweel PE, Wild PS, Konstantinides SV and Lankeit M. Early discharge and home treatment of patients with low-risk pulmonary embolism with the oral factor Xa inhibitor rivaroxaban: an international multicentre single-arm clinical trial. *Eur Heart J.* 2020;41:509-518. (IF 29,983)
187. Wolfram C, Schuster AK, Elflein HM, Nickels S, Schulz A, Wild PS, Beutel ME, Blettner M, Münzel T, Lackner KJ and Pfeiffer N. The Prevalence of Visual Impairment in the Adult Population. *Dtsch Arztebl Int.* 2019;116:289-295. (IF 4,796)
188. von Jeinsen B, Liebetrau C, Palapies L, Tzikas S, Zeller T, Bickel C, Schmidt A, Tubaro M, Lackner KJ, Sar F, Baldus S, Zeiher AM, Blankenberg S, Gori T, Münzel T, Hamm CW, Wild PS and Keller T. Identification of acute myocardial infarction in elderly patients using optimized highly sensitive troponin I thresholds. *Biomarkers.* 2019;24:549-555. (IF 2,070)
189. Unterrainer JM, Rahm B, Kaller CP, Wild PS, Münzel T, Blettner M, Lackner K, Pfeiffer N and Beutel ME. Assessing Planning Ability Across the Adult Life Span in a Large Population-Representative Sample: Reliability Estimates and Normative Data for the Tower of London (TOL-F) Task. *J Int Neuropsychol Soc.* 2019;25:520-529. (IF 2,576)
190. Trenkwalder T, Rübsamen N, Schmitt VH, Arnold N, Kaess BM, Sinning CR, Zeller T, Beutel ME, Schmidtman I, Nickels S, Pfeiffer N, Leuschner A, Münzel T, Lackner KJ, Hengstenberg C, Blankenberg S, Wild PS, Reinhard W and Schnabel R. Left ventricular geometry and function in early repolarization: results from the population-based Gutenberg Health Study. *Clin Res Cardiol.* 2019;108:1107-1116. (IF 5,268)
191. Tibubos AN, Brähler E, Ernst M, Baumgarten C, Wiltink J, Burghardt J, Michal M, Ghaemi Kerahrodi J, Schulz A, Wild PS, Münzel T, Schmidtman I, Lackner KJ, Pfeiffer N, Borta A and Beutel ME. Course of depressive symptoms in men and women: differential effects of social, psychological, behavioral and somatic predictors. *Sci Rep.* 2019;9:18929. (IF 3,998)
192. Teumer A, Trenkwalder T, Kessler T, Jamshidi Y, van den Berg ME, Kaess B, Nelson CP, Bastiaenen R, De Bortoli M, Rossini A, Deisenhofer I, Stark K, Assa S, Braund PS, Cabrera C, Dominiczak AF, Gögele M, Hall LM, Ikram MA, Kavousi M, Lackner KJ, Müller C, Münzel T, Nauck M, Padmanabhan S, Pfeiffer N, Spector TD, Uitterlinden AG, Verweij N, Völker U, Warren HR, Zafar M, Felix SB, Kors JA, Snieder H, Munroe PB, Pattaro C, Fuchsberger C, Schmidt G, Nolte IM, Schunkert H, Pramstaller PP, Wild PS, van der Harst P, Stricker BH, Schnabel RB, Samani NJ, Hengstenberg C, Dörr M, Behr ER and Reinhard W. KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. *JCI Insight.* 2019;4. (IF 6,205)

193. Schlax J, Jünger C, Beutel ME, Münzel T, Pfeiffer N, Wild P, Blettner M, Kerahrodi JG, Wiltink J and Michal M. Income and education predict elevated depressive symptoms in the general population: results from the Gutenberg health study. *BMC Public Health*. 2019;19:430. (IF 2,521)
194. Ponto KA, Scharrer I, Binder H, Korb C, Rosner AK, Ehlers TO, Rieser N, Grübel NC, Rossmann H, Wild PS, Feltgen N, Pfeiffer N and Mirshahi A. Hypertension and multiple cardiovascular risk factors increase the risk for retinal vein occlusions: results from the Gutenberg Retinal Vein Occlusion Study. *J Hypertens*. 2019;37:1372-1383. (IF 4,171)
195. Neumann JT, Twerenbold R, Ojeda F, Sörensen NA, Chapman AR, Shah ASV, Anand A, Boeddinghaus J, Nestelberger T, Badertscher P, Mokhtari A, Pickering JW, Troughton RW, Greenslade J, Parsonage W, Mueller-Hennessen M, Gori T, Jernberg T, Morris N, Liebetrau C, Hamm C, Katus HA, Münzel T, Landmesser U, Salomaa V, Iacoviello L, Ferrario MM, Giampaoli S, Kee F, Thorand B, Peters A, Borchini R, Jørgensen T, Söderberg S, Sans S, Tunstall-Pedoe H, Kuulasmaa K, Renné T, Lackner KJ, Worster A, Body R, Ekelund U, Kavsak PA, Keller T, Lindahl B, Wild P, Giannitsis E, Than M, Cullen LA, Mills NL, Mueller C, Zeller T, Westermann D and Blankenberg S. Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. *N Engl J Med*. 2019;380:2529-2540. (IF 74,699)
196. Lowres N, Olivier J, Chao TF, Chen SA, Chen Y, Diederichsen A, Fitzmaurice DA, Gomez-Doblas JJ, Harbison J, Healey JS, Hobbs FDR, Kaasenbrood F, Keen W, Lee VW, Lindholt JS, Lip GYH, Mairesse GH, Mant J, Martin JW, Martín-Rioboó E, McManus DD, Muñoz J, Münzel T, Nakamya J, Neubeck L, Orchard JJ, Pérula de Torres L, Proietti M, Quinn FR, Roalfe AK, Sandhu RK, Schnabel RB, Smyth B, Soni A, Tieleman R, Wang J, Wild PS, Yan BP and Freedman B. Estimated stroke risk, yield, and number needed to screen for atrial fibrillation detected through single time screening: a multicountry patient-level meta-analysis of 141,220 screened individuals. *PLoS Med*. 2019;16:e1002903. (IF 10,500)
197. Labenz C, Prochaska JH, Huber Y, Nagel M, Straub BK, Wild P, Galle PR and Schattenberg JM. Cardiovascular Risk Categories in Patients With Nonalcoholic Fatty Liver Disease and the Role of Low-Density Lipoprotein Cholesterol. *Hepatol Commun*. 2019;3:1472-1481. (IF 5,073)
198. Koriath M, Müller C, Pfeiffer N, Nickels S, Beutel M, Schmidtman I, Rapp S, Münzel T, Westermann D, Karakas M, Wild PS, Lackner KJ, Blankenberg S and Zeller T. Relative Telomere Length and Cardiovascular Risk Factors. *Biomolecules*. 2019;9. (IF 4,082)
199. Kieback AG, Espinola-Klein C, Lamina C, Moebus S, Tiller D, Lorbeer R, Schulz A, Meisinger C, Medenwald D, Erbel R, Kluttig A, Wild PS, Kronenberg F, Kröger K, Ittermann T and Dörr M. One simple claudication question as first step in Peripheral Arterial Disease (PAD) screening: A meta-analysis of the association with reduced Ankle Brachial Index (ABI) in 27,945 subjects. *PLoS One*. 2019;14:e0224608. (IF 2,740)
200. Hoffmann S, Paone C, Sumer SA, Diebold S, Weiss B, Roeth R, Clauss S, Klier I, Käab S, Schulz A, Wild PS, Ghrib A, Zeller T, Schnabel RB, Just S and Rappold GA. Functional Characterization of Rare Variants in the SHOX2 Gene Identified in Sinus Node Dysfunction and Atrial Fibrillation. *Front Genet*. 2019;10:648. (IF 3,260)
201. Herzog J, Schmidt FP, Hahad O, Mahmoudpour SH, Mangold AK, Garcia Andreo P, Prochaska J, Koeck T, Wild PS, Sørensen M, Daiber A and Münzel T. Acute exposure to nocturnal train noise induces endothelial dysfunction and pro-thromboinflammatory

- changes of the plasma proteome in healthy subjects. *Basic Res Cardiol.* 2019;114:46. (IF 11,981)
202. Hahad O, Wild PS, Prochaska JH, Schulz A, Hermanns I, Lackner KJ, Pfeiffer N, Schmidtmann I, Beutel M, Gori T, Deanfield JE and Münzel T. Endothelial Function Assessed by Digital Volume Plethysmography Predicts the Development and Progression of Type 2 Diabetes Mellitus. *J Am Heart Assoc.* 2019;8:e012509. (IF 4,605)
 203. Ghaemi Kerahrodi J, Brähler E, Wiltink J, Michal M, Schulz A, Wild PS, Münzel T, Toenges G, Lackner KJ, Pfeiffer N and Beutel ME. Association between medicated obstructive pulmonary disease, depression and subjective health: results from the population-based Gutenberg Health Study. *Sci Rep.* 2019;9:20252. (IF 3,998)
 204. Fieß A, Schuster AK, Nickels S, Urschitz MS, Elflein HM, Schulz A, Münzel T, Wild PS, Beutel ME, Schmidtmann I, Lackner KJ and Pfeiffer N. Association of Low Birth Weight With Altered Corneal Geometry and Axial Length in Adulthood in the German Gutenberg Health Study. *JAMA Ophthalmol.* 2019;137:507-514. (IF 6,198)
 205. Fieß A, Elbaz H, Korb CA, Nickels S, Schulz A, Münzel T, Wild PS, Beutel ME, Schmidtmann I, Lackner KJ, Peto T, Pfeiffer N and Schuster AK. Low Birth Weight Is Linked to Age-Related Macular Degeneration: Results From the Population-Based Gutenberg Health Study (GHS). *Invest Ophthalmol Vis Sci.* 2019;60:4943-4950. (IF 3,470)
 206. Ernst M, Wiltink J, Tibubos AN, Brähler E, Schulz A, Wild PS, Burghardt J, Münzel T, König J, Lackner K, Pfeiffer N, Michal M and Beutel ME. Linking cancer and mental health in men and women in a representative community sample. *J Psychosom Res.* 2019;124:109760. (IF 2,860)
 207. Ernst M, Tibubos AN, Unterrainer J, Burghardt J, Brähler E, Wild PS, Jünger C, Faber J, Schneider A and Beutel ME. Status and predictors of planning ability in adult long-term survivors of CNS tumors and other types of childhood cancer. *Sci Rep.* 2019;9:7290. (IF 3,998)
 208. Ernst M, Brähler E, Klein EM, Jünger C, Wild PS, Faber J, Schneider A and Beutel ME. Parenting in the face of serious illness: Childhood cancer survivors remember different rearing behavior than the general population. *Psychooncology.* 2019;28:1663-1670. (IF 3,006)
 209. Elflein HM, Schuster AK, Pitz S, Hardt J, Nickels S, Münzel T, Wild PS, Beutel ME, Blettner M, Lackner KJ, Pfeiffer N and Unterrainer JM. Intact Visuospatial Cognition in Amblyopia: Results From the Gutenberg Health Study. *J Pediatr Ophthalmol Strabismus.* 2019;56:397-401. (IF 1,100)
 210. Dörr M, Hamburg NM, Müller C, Smith NL, Gustafsson S, Lehtimäki T, Teumer A, Zeller T, Li X, Lind L, Raitakari OT, Völker U, Blankenberg S, McKnight B, Morris AP, Kähönen M, Lemaitre RN, Wild PS, Nauck M, Völzke H, Münzel T, Mitchell GF, Psaty BM, Lindgren CM, Larson MG, Felix SB, Ingelsson E, Lytykäinen LP, Herrington D, Benjamin EJ and Schnabel RB. Common Genetic Variation in Relation to Brachial Vascular Dimensions and Flow-Mediated Vasodilation. *Circ Genom Precis Med.* 2019;12:e002409. (IF 4,063)
 211. Burghardt J, Klein E, Brähler E, Ernst M, Schneider A, Eckerle S, Neu MA, Wingerter A, Henninger N, Panova-Noeva M, Prochaska J, Wild P, Beutel M and Faber J. Prevalence of mental distress among adult survivors of childhood cancer in Germany-Compared to the general population. *Cancer Med.* 2019;8:1865-1874. (IF 3,491)

212. Börschel CS, Rübsamen N, Ojeda FM, Wild PS, Hoffmann BA, Prochaska JH, Gori T, Lackner KJ, Blankenberg S, Zeller T, Münzel T and Schnabel RB. Noninvasive peripheral vascular function and atrial fibrillation in the general population. *J Hypertens.* 2019;37:928-934. (IF 4,171)
213. Beutel ME, Wiltink J, Ghaemi Kerahrodi J, Tibubos AN, Brähler E, Schulz A, Wild P, Münzel T, Lackner K, König J, Pfeiffer N, Michal M and Henning M. Somatic symptom load in men and women from middle to high age in the Gutenberg Health Study - association with psychosocial and somatic factors. *Sci Rep.* 2019;9:4610. (IF 3,998)
214. Beutel ME, Brähler E, Wiltink J, Kerahrodi JG, Burghardt J, Michal M, Schulz A, Wild PS, Münzel T, Schmidtmann I, Lackner KJ, Pfeiffer N, Borta A and Tibubos AN. New onset of depression in aging women and men: contributions of social, psychological, behavioral, and somatic predictors in the community. *Psychol Med.* 2019;49:1148-1155. (IF 5,811)
215. Beutel ME, Brähler E, Wiltink J, Kerahrodi JG, Burghardt J, Michal M, Schulz A, Wild PS, Münzel T, Schmidtmann I, Lackner KJ, Pfeiffer N, Borta A and Tibubos AN. New onset of depression in aging women and men: contributions of social, psychological, behavioral, and somatic predictors in the community - CORRIGENDUM. *Psychol Med.* 2019;49:175.
216. Wiltink J, Michal M, Jünger C, Münzel T, Wild PS, Lackner KJ, Blettner M, Pfeiffer N, Brähler E and Beutel ME. Associations between degree and sub-dimensions of depression and metabolic syndrome (MetS) in the community: results from the Gutenberg Health Study (GHS). *BMC Psychiatry.* 2018;18:114. (IF 2,666)
217. van Setten J, Brody JA, Jamshidi Y, Swenson BR, Butler AM, Campbell H, Del Greco FM, Evans DS, Gibson Q, Gudbjartsson DF, Kerr KF, Krijthe BP, Lyttikäinen LP, Müller C, Müller-Nurasyid M, Nolte IM, Padmanabhan S, Ritchie MD, Robino A, Smith AV, Steri M, Tanaka T, Teumer A, Trompet S, Ulivi S, Verweij N, Yin X, Arnar DO, Asselbergs FW, Bader JS, Barnard J, Bis J, Blankenberg S, Boerwinkle E, Bradford Y, Buckley BM, Chung MK, Crawford D, den Hoed M, Denny JC, Dominiczak AF, Ehret GB, Eijgelsheim M, Ellinor PT, Felix SB, Franco OH, Franke L, Harris TB, Holm H, Ilaria G, Iorio A, Kähönen M, Kolcic I, Kors JA, Lakatta EG, Launer LJ, Lin H, Lin HJ, Loos RJF, Lubitz SA, Macfarlane PW, Magnani JW, Leach IM, Meitinger T, Mitchell BD, Munzel T, Papanicolaou GJ, Peters A, Pfeufer A, Pramstaller PP, Raitakari OT, Rotter JI, Rudan I, Samani NJ, Schlessinger D, Silva Aldana CT, Sinner MF, Smith JD, Snieder H, Soliman EZ, Spector TD, Stott DJ, Strauch K, Tarasov KV, Thorsteinsdottir U, Uitterlinden AG, Van Wagoner DR, Völker U, Völzke H, Waldenberger M, Jan Westra H, Wild PS, Zeller T, Alonso A, Avery CL, Bandinelli S, Benjamin EJ, Cucca F, Dörr M, Ferrucci L, Gasparini P, Gudnason V, Hayward C, Heckbert SR, Hicks AA, Jukema JW, Kääb S, Lehtimäki T, Liu Y, Munroe PB, Parsa A, Polasek O, Psaty BM, Roden DM, Schnabel RB, Sinagra G, Stefansson K, Stricker BH, van der Harst P, van Duijn CM, Wilson JF, Gharib SA, de Bakker PIW, Isaacs A, Arking DE and Sotoodehnia N. PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. *Nat Commun.* 2018;9:2904. (IF 11,878)
218. Unterrainer JM, Domschke K, Rahm B, Wiltink J, Schulz A, Pfeiffer N, Lackner KJ, Münzel T, Wild PS and Beutel M. Subclinical levels of anxiety but not depression are associated with planning performance in a large population-based sample. *Psychol Med.* 2018;48:168-174. (IF 5,641)
219. Trincherro A, Scheres LJJ, Prochaska JH, Ambaglio C, Wild PS, Middeldorp S, Konstantinides SV and Barco S. Sex-specific differences in the distal versus proximal

- presenting location of acute deep vein thrombosis. *Thromb Res.* 2018;172:74-79. (IF 3,266)
220. Tibubos AN, Beutel ME, Schulz A, Klein EM, Brähler E, Michal M, Münzel T, Wild PS, Lackner K, König J, Pfeiffer N and Wiltink J. Is assessment of depression equivalent for migrants of different cultural backgrounds? Results from the German population-based Gutenberg Health Study (GHS). *Depress Anxiety.* 2018;35:1178-1189. (IF 4,935)
 221. Steven S, Dib M, Hausding M, Kashani F, Oelze M, Kröller-Schön S, Hanf A, Daub S, Roohani S, Gramlich Y, Lutgens E, Schulz E, Becker C, Lackner KJ, Kleinert H, Knosalla C, Niesler B, Wild PS, Münzel T and Daiber A. CD40L controls obesity-associated vascular inflammation, oxidative stress, and endothelial dysfunction in high fat diet-treated and db/db mice. *Cardiovasc Res.* 2018;114:312-323. (IF 7,014)
 222. Schuster AK, Pfeiffer N, Schulz A, Hoehn R, Ponto KA, Wild PS, Blettner M, Beutel ME, Lackner KJ, Münzel T and Mirshahi A. Refractive, corneal, and ocular residual astigmatism: distribution in a German population and age dependency-the Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol.* 2018;256:445-446. (IF 2,250)
 223. Rezapour J, Nickels S, Schuster AK, Michal M, Münzel T, Wild PS, Schmidtmann I, Lackner K, Schulz A, Pfeiffer N and Beutel ME. Prevalence of depression and anxiety among participants with glaucoma in a population-based cohort study: The Gutenberg Health Study. *BMC Ophthalmol.* 2018;18:157. (IF 1,431)
 224. Parry BA, Chang AM, Schellong SM, House SL, Fermann GJ, Deadmon EK, Giordano NJ, Chang Y, Cohen J, Robak N, Singer AJ, Mulrow M, Reibling ET, Francis S, Griffin SM, Prochaska JH, Davis B, McNelis P, Delgado J, Kümpers P, Werner N, Gentile NT, Zeserson E, Wild PS, Limkakeng AT, Jr., Walters EL, LoVecchio F, Theodoro D, Hollander JE and Kabrhel C. International, multicenter evaluation of a new D-dimer assay for the exclusion of venous thromboembolism using standard and age-adjusted cut-offs. *Thromb Res.* 2018;166:63-70. (IF 3,266)
 225. Niekamp C, Atzler D, Ojeda FM, Sinning CR, Lackner KJ, Böger RH, Münzel T, Beutel ME, Schmidtmann I, Pfeiffer N, Leuschner A, Blankenberg S, Wild PS, Zeller T, Schwedhelm E and Schnabel RB. Cross-Sectional Associations between Homocysteine, Intermediate Phenotypes, and Atrial Fibrillation in the Community-The Gutenberg Health Study. *Biomolecules.* 2018;8. (IF 4,694)
 226. Magnussen C, Ojeda FM, Wild PS, Sörensen N, Rostock T, Hoffmann BA, Prochaska J, Lackner KJ, Beutel ME, Blettner M, Pfeiffer N, Rzaeva N, Sinning CR, Blankenberg S, Münzel T, Zeller T and Schnabel RB. Atrial Fibrillation Manifestations Risk Factors and Sex Differences in a Population-Based Cohort (From the Gutenberg Health Study). *Am J Cardiol.* 2018;122:76-82. (IF 2,843)
 227. Ligthart S, Vaez A, Vösa U, Stathopoulou MG, de Vries PS, Prins BP, Van der Most PJ, Tanaka T, Naderi E, Rose LM, Wu Y, Karlsson R, Barbalic M, Lin H, Pool R, Zhu G, Macé A, Sidore C, Trompet S, Mangino M, Sabater-Lleal M, Kemp JP, Abbasi A, Kacprowski T, Verweij N, Smith AV, Huang T, Marzi C, Feitosa MF, Lohman KK, Kleber ME, Milanéschi Y, Mueller C, Huq M, Vlachopoulou E, Lytikäinen LP, Oldmeadow C, Deelen J, Perola M, Zhao JH, Feenstra B, Amini M, Lahti J, Schraut KE, Fornage M, Suktitipat B, Chen WM, Li X, Nutile T, Malerba G, Luan J, Bak T, Schork N, Del Greco MF, Thierring E, Mahajan A, Marioni RE, Mihailov E, Eriksson J, Ozel AB, Zhang W, Nethander M, Cheng YC, Aslibekyan S, Ang W, Gandin I, Yengo L, Portas L, Kooperberg C, Hofer E, Rajan KB, Schurmann C, den Hollander W, Ahluwalia TS, Zhao J, Draisma HHM, Ford I, Timpson N,

- Teumer A, Huang H, Wahl S, Liu Y, Huang J, Uh HW, Geller F, Joshi PK, Yanek LR, Trabetti E, Lehne B, Vozzi D, Verbanck M, Biino G, Saba Y, Meulenbelt I, O'Connell JR, Laakso M, Giulianini F, Magnusson PKE, Ballantyne CM, Hottenga JJ, Montgomery GW, Rivadineira F, Rueedi R, Steri M, Herzig KH, Stott DJ, Menni C, Frånberg M, St Pourcain B, Felix SB, Pers TH, Bakker SJL, Kraft P, Peters A, Vaidya D, Delgado G, Smit JH, Großmann V, Sinisalo J, Seppälä I, Williams SR, Holliday EG, Moed M, Langenberg C, Rääkkönen K, Ding J, Campbell H, Sale MM, Chen YI, James AL, Ruggiero D, Soranzo N, Hartman CA, Smith EN, Berenson GS, Fuchsberger C, Hernandez D, Tiesler CMT, Giedraitis V, Liewald D, Fischer K, Mellström D, Larsson A, Wang Y, Scott WR, Lorentzon M, Beilby J, Ryan KA, Pennell CE, Vuckovic D, Balkau B, Concas MP, Schmidt R, Mendes de Leon CF, Bottinger EP, Kloppenburg M, Paternoster L, Boehnke M, Musk AW, Willemsen G, Evans DM, Madden PAF, Kähönen M, Kutalik Z, Zoledziwska M, Karhunen V, Kritchevsky SB, Sattar N, Lachance G, Clarke R, Harris TB, Raitakari OT, Attia JR, van Heemst D, Kajantie E, Sorice R, Gambaro G, Scott RA, Hicks AA, Ferrucci L, Standl M, Lindgren CM, Starr JM, Karlsson M, Lind L, Li JZ, Chambers JC, Mori TA, de Geus E, Heath AC, Martin NG, Auvinen J, Buckley BM, de Craen AJM, Waldenberger M, Strauch K, Meitinger T, Scott RJ, McEvoy M, Beekman M, Bombieri C, Ridker PM, Mohlke KL, Pedersen NL, Morrison AC, Boomsma DI, Whitfield JB, Strachan DP, Hofman A, Vollenweider P, Cucca F, Jarvelin MR, Jukema JW, Spector TD, Hamsten A, Zeller T, Uitterlinden AG, Nauck M, Gudnason V, Qi L, Grallert H, Borecki IB, Rotter JI, März W, Wild PS, Lokki ML, Boyle M, Salomaa V, Melbye M, Eriksson JG, Wilson JF, Penninx B, Becker DM, Worrall BB, Gibson G, Krauss RM, Ciullo M, Zaza G, Wareham NJ, Oldehinkel AJ, Palmer LJ, Murray SS, Pramstaller PP, Bandinelli S, Heinrich J, Ingelsson E, Deary IJ, Mägi R, Vandenput L, van der Harst P, Desch KC, Kooner JS, Ohlsson C, Hayward C, Lehtimäki T, Shuldiner AR, Arnett DK, Beilin LJ, Robino A, Froguel P, Pirastu M, Jess T, Koenig W, Loos RJJ, Evans DA, Schmidt H, Smith GD, Slagboom PE, Eiriksdottir G, Morris AP, Psaty BM, Tracy RP, Nolte IM, Boerwinkle E, Visvikis-Siest S, Reiner AP, Gross M, Bis JC, Franke L, Franco OH, Benjamin EJ, Chasman DI, Dupuis J, Snieder H, Dehghan A and Alizadeh BZ. Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. *Am J Hum Genet.* 2018;103:691-706. (IF 9,924)
228. Lamparter J, Schmidtman I, Schuster AK, Siouli A, Wasielica-Poslednik J, Mirshahi A, Höhn R, Unterrainer J, Wild PS, Binder H, Lackner K, Beutel ME, Münzel T, Pfeiffer N and Hoffmann EM. Association of ocular, cardiovascular, morphometric and lifestyle parameters with retinal nerve fibre layer thickness. *PLoS One.* 2018;13:e0197682. (IF 2,776)
229. Kröller-Schön S, Daiber A, Steven S, Oelze M, Frenis K, Kalinovic S, Heimann A, Schmidt FP, Pinto A, Kvandova M, Vujacic-Mirski K, Filippou K, Dudek M, Bosmann M, Klein M, Bopp T, Hahad O, Wild PS, Frauenknecht K, Methner A, Schmidt ER, Rapp S, Mollnau H and Münzel T. Crucial role for Nox2 and sleep deprivation in aircraft noise-induced vascular and cerebral oxidative stress, inflammation, and gene regulation. *Eur Heart J.* 2018;39:3528-3539. (IF 24,889)
230. Höhn R, Nickels S, Schuster AK, Wild PS, Münzel T, Lackner KJ, Schmidtman I, Beutel M and Pfeiffer N. Prevalence of glaucoma in Germany: results from the Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol.* 2018;256:1695-1702. (IF 2,249)
231. Herrmann WJ, Weikert C, Bergmann M, Boeing H, Katzke VA, Kaaks R, Tiller D, Greiser KH, Heier M, Meisinger C, Schmidt CO, Neuhauser H, Heidemann C, Jünger C, Wild PS,

- Schramm SH, Jöckel KH, Dörr M and Pischon T. [Assessing incident cardiovascular and metabolic diseases in epidemiological cohort studies in Germany]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz*. 2018;61:420-431. (IF 0,945)
232. Hahad O, Beutel M, Gori T, Schulz A, Blettner M, Pfeiffer N, Rostock T, Lackner K, Sørensen M, Prochaska JH, Wild PS and Münzel T. Annoyance to different noise sources is associated with atrial fibrillation in the Gutenberg Health Study. *Int J Cardiol*. 2018;264:79-84. (IF 3,471)
233. Haase T, Müller C, Krause J, Röthemeier C, Stenzig J, Kunze S, Waldenberger M, Münzel T, Pfeiffer N, Wild PS, Michal M, Marini F, Karakas M, Lackner KJ, Blankenberg S and Zeller T. Novel DNA Methylation Sites Influence GPR15 Expression in Relation to Smoking. *Biomolecules*. 2018;8. (IF 4,694)
234. Falter T, Herold S, Weyer-Elberich V, Scheiner C, Schmitt V, von Auer C, Messmer X, Wild P, Lackner KJ, Lämmle B and Scharrer I. Relapse Rate in Survivors of Acute Autoimmune Thrombotic Thrombocytopenic Purpura Treated with or without Rituximab. *Thromb Haemost*. 2018;118:1743-1751. (IF 4,733)
235. Zeller T, Schurmann C, Schramm K, Müller C, Kwon S, Wild PS, Teumer A, Herrington D, Schillert A, Iacoviello L, Kratzer A, Jagodzinski A, Karakas M, Ding J, Neumann JT, Kuulasmaa K, Gieger C, Kacprowski T, Schnabel RB, Roden M, Wahl S, Rotter JI, Ojeda F, Carstensen-Kirberg M, Tregouet DA, Dörr M, Meitinger T, Lackner KJ, Wolf P, Felix SB, Landmesser U, Costanzo S, Ziegler A, Liu Y, Völker U, Palmas W, Prokisch H, Guo X, Herder C, Blankenberg S and Homuth G. Transcriptome-Wide Analysis Identifies Novel Associations With Blood Pressure. *Hypertension*. 2017;70:743-750. (IF 6,823)
236. van Rooij FJA, Qayyum R, Smith AV, Zhou Y, Trompet S, Tanaka T, Keller MF, Chang LC, Schmidt H, Yang ML, Chen MH, Hayes J, Johnson AD, Yanek LR, Mueller C, Lange L, Floyd JS, Ghanbari M, Zonderman AB, Jukema JW, Hofman A, van Duijn CM, Desch KC, Saba Y, Ozel AB, Snively BM, Wu JY, Schmidt R, Fornage M, Klein RJ, Fox CS, Matsuda K, Kamatani N, Wild PS, Stott DJ, Ford I, Slagboom PE, Yang J, Chu AY, Lambert AJ, Uitterlinden AG, Franco OH, Hofer E, Ginsburg D, Hu B, Keating B, Schick UM, Brody JA, Li JZ, Chen Z, Zeller T, Guralnik JM, Chasman DI, Peters LL, Kubo M, Becker DM, Li J, Eiriksdottir G, Rotter JI, Levy D, Grossmann V, Patel KV, Chen CH, Ridker PM, Tang H, Launer LJ, Rice KM, Li-Gao R, Ferrucci L, Evans MK, Choudhuri A, Trompouki E, Abraham BJ, Yang S, Takahashi A, Kamatani Y, Kooperberg C, Harris TB, Jee SH, Coresh J, Tsai FJ, Longo DL, Chen YT, Felix JF, Yang Q, Psaty BM, Boerwinkle E, Becker LC, Mook-Kanamori DO, Wilson JG, Gudnason V, O'Donnell CJ, Dehghan A, Cupples LA, Nalls MA, Morris AP, Okada Y, Reiner AP, Zon LI and Ganesh SK. Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. *Am J Hum Genet*. 2017;100:51-63. (IF 8,855)
237. Springelkamp H, Iglesias AI, Mishra A, Höhn R, Wojciechowski R, Khawaja AP, Nag A, Wang YX, Wang JJ, Cuellar-Partida G, Gibson J, Bailey JN, Vithana EN, Gharahkhani P, Boutin T, Ramdas WD, Zeller T, Luben RN, Yonova-Doing E, Viswanathan AC, Yazar S, Cree AJ, Haines JL, Koh JY, Souzeau E, Wilson JF, Amin N, Müller C, Venturini C, Kearns LS, Kang JH, Tham YC, Zhou T, van Leeuwen EM, Nickels S, Sanfilippo P, Liao J, van der Linde H, Zhao W, van Koolwijk LM, Zheng L, Rivadeneira F, Baskaran M, van der Lee SJ, Perera S, de Jong PT, Oostra BA, Uitterlinden AG, Fan Q, Hofman A, Tai ES, Vingerling JR, Sim X, Wolfs RC, Teo YY, Lemij HG, Khor CC, Willemsen R, Lackner KJ, Aung T,

- Jansonius NM, Montgomery G, Wild PS, Young TL, Burdon KP, Hysi PG, Pasquale LR, Wong TY, Klaver CC, Hewitt AW, Jonas JB, Mitchell P, Lotery AJ, Foster PJ, Vitart V, Pfeiffer N, Craig JE, Mackey DA, Hammond CJ, Wiggs JL, Cheng CY, van Duijn CM and MacGregor S. New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. *Hum Mol Genet.* 2017;26:438-453. (IF 4,902)
238. Sinning C, Ojeda F, Wild PS, Schnabel RB, Schwarzl M, Ohdah S, Lackner KJ, Pfeiffer N, Michal M, Blettner M, Munzel T, Kempf T, Wollert KC, Kuulasmaa K, Blankenberg S, Salomaa V, Westermann D and Zeller T. Midregional proadrenomedullin and growth differentiation factor-15 are not influenced by obesity in heart failure patients. *Clin Res Cardiol.* 2017;106:401-410. (IF 4,455)
239. Sinning C, Kempf T, Schwarzl M, Lanfermann S, Ojeda F, Schnabel RB, Zengin E, Wild PS, Lackner KJ, Munzel T, Blankenberg S, Wollert KC, Zeller T and Westermann D. Biomarkers for characterization of heart failure - Distinction of heart failure with preserved and reduced ejection fraction. *Int J Cardiol.* 2017;227:272-277. (IF 4,034)
240. Sennblad B, Basu S, Mazur J, Suchon P, Martinez-Perez A, van Hylckama Vlieg A, Truong V, Li Y, Gådin JR, Tang W, Grossman V, de Haan HG, Handin N, Silveira A, Souto JC, Franco-Cereceda A, Morange PE, Gagnon F, Soria JM, Eriksson P, Hamsten A, Maegdefessel L, Rosendaal FR, Wild P, Folsom AR, Trégouët DA and Sabater-Lleal M. Genome-wide association study with additional genetic and post-transcriptional analyses reveals novel regulators of plasma factor XI levels. *Hum Mol Genet.* 2017;26:637-649. (IF 4,902)
241. Schuster AK, Pfeiffer N, Schulz A, Nickels S, Höhn R, Wild PS, Blettner M, Münzel T, Beutel ME, Lackner KJ and Vossmerbaeumer U. The impact of pseudophakia on vision-related quality of life in the general population - The Gutenberg Health Study. *Aging (Albany NY).* 2017;9:1030-1040. (IF 5,179)
242. Schuster AK, Pfeiffer N, Schulz A, Hoehn R, Ponto KA, Wild PS, Blettner M, Beutel ME, Lackner KJ, Münzel T and Mirshahi A. Refractive, corneal and ocular residual astigmatism: distribution in a German population and age-dependency - the Gutenberg health study. *Graefes Arch Clin Exp Ophthalmol.* 2017;255:2493-2501. (IF 2,249)
243. Schuster AK, Pfeiffer N, Nickels S, Schulz A, Wild PS, Blettner M, Lackner K, Beutel ME, Münzel T and Vossmerbaeumer U. Steeper Iris Conicity Is Related to a Shallower Anterior Chamber: The Gutenberg Health Study. *J Ophthalmol.* 2017;2017:2190347. (IF 1,680)
244. Schulz A, Zöller D, Nickels S, Beutel ME, Blettner M, Wild PS and Binder H. Simulation of complex data structures for planning of studies with focus on biomarker comparison. *BMC Med Res Methodol.* 2017;17:90. (IF 2,524)
245. Scholz-Kreisel P, Spix C, Blettner M, Eckerle S, Faber J, Wild P, Merzenich H and Hennewig U. Prevalence of cardiovascular late sequelae in long-term survivors of childhood cancer: A systematic review and meta-analysis. *Pediatr Blood Cancer.* 2017;64. (IF 2,646)
246. Rose DM, Seidler A, Nübling M, Latza U, Brähler E, Klein EM, Wiltink J, Michal M, Nickels S, Wild PS, König J, Claus M, Letzel S and Beutel ME. Associations of fatigue to work-related stress, mental and physical health in an employed community sample. *BMC Psychiatry.* 2017;17:167. (IF 2,419)

247. Ponto KA, Werner DJ, Wiedemer L, Laubert-Reh D, Schuster AK, Nickels S, Höhn R, Schulz A, Binder H, Beutel M, Lackner KJ, Wild PS, Pfeiffer N and Mirshahi A. Retinal vessel metrics: normative data and their use in systemic hypertension: results from the Gutenberg Health Study. *J Hypertens.* 2017;35:1635-1645. (IF 4,099)
248. Nickels S, Schuster AK, Singer S, Wild PS, Laubert-Reh D, Schulz A, Finger RP, Michal M, Beutel ME, Münzel T, Lackner KJ and Pfeiffer N. The National Eye Institute 25-Item Visual Function Questionnaire (NEI VFQ-25) - reference data from the German population-based Gutenberg Health Study (GHS). *Health Qual Life Outcomes.* 2017;15:156. (IF 2,278)
249. Münzel T, Daiber A, Steven S, Tran LP, Ullmann E, Kossmann S, Schmidt FP, Oelze M, Xia N, Li H, Pinto A, Wild P, Pies K, Schmidt ER, Rapp S and Kröller-Schön S. Effects of noise on vascular function, oxidative stress, and inflammation: mechanistic insight from studies in mice. *Eur Heart J.* 2017;38:2838-2849. (IF 23,425)
250. Marx-Gross S, Laubert-Reh D, Schneider A, Höhn R, Mirshahi A, Münzel T, Wild PS, Beutel ME, Blettner M and Pfeiffer N. The Prevalence of Glaucoma in Young People. *Dtsch Arztebl Int.* 2017;114:204-210. (IF 3,890)
251. Magnussen C, Ojeda FM, Rzayeva N, Zeller T, Sinning CR, Pfeiffer N, Beutel M, Blettner M, Lackner KJ, Blankenberg S, Münzel T, Rabe KF, Wild PS and Schnabel RB. FEV1 and FVC predict all-cause mortality independent of cardiac function - Results from the population-based Gutenberg Health Study. *Int J Cardiol.* 2017;234:64-68. (IF 4,034)
252. Jagodzinski A, Neumann JT, Ojeda F, Sörensen NA, Wild P, Münzel T, Zeller T, Westermann D and Blankenberg S. Cardiovascular Biomarkers in Hypertensive Patients with Medical Treatment-Results from the Randomized TEAMSTA Protect I Trial. *Clin Chem.* 2017;63:1877-1885. (IF 8,636)
253. Höhn R, Mirshahi A, Nickels S, Schulz A, Wild PS, Blettner M and Pfeiffer N. Cardiovascular medication and intraocular pressure: results from the Gutenberg Health Study. *Br J Ophthalmol.* 2017;101:1633-1637. (IF 3,384)
254. de Vries PS, Sabater-Lleal M, Chasman DI, Trompet S, Ahluwalia TS, Teumer A, Kleber ME, Chen MH, Wang JJ, Attia JR, Marioni RE, Steri M, Weng LC, Pool R, Grossmann V, Brody JA, Venturini C, Tanaka T, Rose LM, Oldmeadow C, Mazur J, Basu S, Frånberg M, Yang Q, Ligthart S, Hottenga JJ, Rumley A, Mulas A, de Craen AJ, Grotevendt A, Taylor KD, Delgado GE, Kifley A, Lopez LM, Berentzen TL, Mangino M, Bandinelli S, Morrison AC, Hamsten A, Tofler G, de Maat MP, Draisma HH, Lowe GD, Zoledziewska M, Sattar N, Lackner KJ, Völker U, McKnight B, Huang J, Holliday EG, McEvoy MA, Starr JM, Hysi PG, Hernandez DG, Guan W, Rivadeneira F, McArdle WL, Slagboom PE, Zeller T, Psaty BM, Uitterlinden AG, de Geus EJ, Stott DJ, Binder H, Hofman A, Franco OH, Rotter JI, Ferrucci L, Spector TD, Deary IJ, März W, Greinacher A, Wild PS, Cucca F, Boomsma DI, Watkins H, Tang W, Ridker PM, Jukema JW, Scott RJ, Mitchell P, Hansen T, O'Donnell CJ, Smith NL, Strachan DP and Dehghan A. Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. *PLoS One.* 2017;12:e0167742. (IF 2,766)
255. Brant LC, Wang N, Ojeda FM, LaValley M, Barreto SM, Benjamin EJ, Mitchell GF, Vasani RS, Palmisano JN, Münzel T, Blankenberg S, Wild PS, Zeller T, Ribeiro AL, Schnabel RB and Hamburg NM. Relations of Metabolically Healthy and Unhealthy Obesity to Digital Vascular Function in Three Community-Based Cohorts: A Meta-Analysis. *J Am Heart Assoc.* 2017;6. (IF 4,450)

256. Brænne I, Willenborg C, Tragante V, Kessler T, Zeng L, Reiz B, Kleinecke M, von Ameln S, Willer CJ, Laakso M, Wild PS, Zeller T, Wallentin L, Franks PW, Salomaa V, Dehghan A, Meitinger T, Samani NJ, Asselbergs FW, Erdmann J and Schunkert H. A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. *Sci Rep.* 2017;7:10252. (IF 4,122)
257. Beutel ME, Klein EM, Brähler E, Reiner I, Jünger C, Michal M, Wiltink J, Wild PS, Münzel T, Lackner KJ and Tibubos AN. Loneliness in the general population: prevalence, determinants and relations to mental health. *BMC Psychiatry.* 2017;17:97. (IF 2,419)
258. Beutel ME, Brähler E, Wiltink J, Michal M, Klein EM, Jünger C, Wild PS, Münzel T, Blettner M, Lackner K, Nickels S and Tibubos AN. Emotional and tangible social support in a German population-based sample: Development and validation of the Brief Social Support Scale (BS6). *PLoS One.* 2017;12:e0186516. (IF 2,766)
259. Unterrainer J, Michal M, Rahm B, Hadzibegovic J, Wild PS, Schulz A, Münzel T, Blettner M, Lackner K, Pfeiffer N, Blankenberg S, Denollet J and Beutel ME. Association of Type D personality with cognitive functioning in individuals with and without cardiovascular disease - The Gutenberg Health Study. *Int J Cardiol.* 2016;214:256-61. (IF 6,189)
260. Teumer A, Tin A, Sorice R, Gorski M, Yeo NC, Chu AY, Li M, Li Y, Mijatovic V, Ko YA, Taliun D, Luciani A, Chen MH, Yang Q, Foster MC, Olden M, Hiraki LT, Tayo BO, Fuchsberger C, Dieffenbach AK, Shuldiner AR, Smith AV, Zappa AM, Lupo A, Kollerits B, Ponte B, Stengel B, Krämer BK, Paulweber B, Mitchell BD, Hayward C, Helmer C, Meisinger C, Gieger C, Shaffer CM, Müller C, Langenberg C, Ackermann D, Siscovick D, Boerwinkle E, Kronenberg F, Ehret GB, Homuth G, Waeber G, Navis G, Gambaro G, Malerba G, Eiriksdottir G, Li G, Wichmann HE, Grallert H, Wallaschofski H, Völzke H, Brenner H, Kramer H, Mateo Leach I, Rudan I, Hillege HL, Beckmann JS, Lambert JC, Luan J, Zhao JH, Chalmers J, Coresh J, Denny JC, Butterbach K, Launer LJ, Ferrucci L, Kedenko L, Haun M, Metzger M, Woodward M, Hoffman MJ, Nauck M, Waldenberger M, Pruijm M, Bochud M, Rheinberger M, Verweij N, Wareham NJ, Endlich N, Soranzo N, Polasek O, van der Harst P, Pramstaller PP, Vollenweider P, Wild PS, Gansevoort RT, Rettig R, Biffar R, Carroll RJ, Katz R, Loos RJ, Hwang SJ, Coassin S, Bergmann S, Rosas SE, Stracke S, Harris TB, Corre T, Zeller T, Illig T, Aspelund T, Tanaka T, Lendeckel U, Völker U, Gudnason V, Chouraki V, Koenig W, Kutalik Z, O'Connell JR, Parsa A, Heid IM, Paterson AD, de Boer IH, Devuyst O, Lazar J, Endlich K, Susztak K, Tremblay J, Hamet P, Jacob HJ, Böger CA, Fox CS, Pattaro C and Köttgen A. Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. *Diabetes.* 2016;65:803-17. (IF 8,684)
261. Schwarzl M, Ojeda F, Zeller T, Seiffert M, Becher PM, Münzel T, Wild PS, Blettner M, Lackner KJ, Pfeiffer N, Beutel ME, Blankenberg S and Westermann D. Risk factors for heart failure are associated with alterations of the LV end-diastolic pressure-volume relationship in non-heart failure individuals: data from a large-scale, population-based cohort. *Eur Heart J.* 2016;37:1807-14. (IF 20,212)
262. Schuster AK, Pfeiffer N, Nickels S, Schulz A, Höhn R, Wild PS, Binder H, Münzel T, Beutel ME and Vossmerbaeumer U. Distribution of Anterior Chamber Angle Width and Correlation With Age, Refraction, and Anterior Chamber Depth-The Gutenberg Health Study. *Invest Ophthalmol Vis Sci.* 2016;57:3740-6. (IF 3,303)
263. Ramuschkat M, Appelbaum S, Atzler D, Zeller T, Bauer C, Ojeda FM, Sinning CR, Hoffmann B, Lackner KJ, Böger RH, Wild PS, Münzel T, Blankenberg S, Schwedhelm E

- and Schnabel RB. ADMA, subclinical changes and atrial fibrillation in the general population. *Int J Cardiol.* 2016;203:640-6. (IF 6,189)
264. Ponto KA, Koenig J, Peto T, Lamparter J, Raum P, Wild PS, Lackner KJ, Pfeiffer N and Mirshahi A. Prevalence of diabetic retinopathy in screening-detected diabetes mellitus: results from the Gutenberg Health Study (GHS). *Diabetologia.* 2016;59:1913-9. (IF 6,080)
265. Pattaro C, Teumer A, Gorski M, Chu AY, Li M, Mijatovic V, Garnaas M, Tin A, Sorice R, Li Y, Taliun D, Olden M, Foster M, Yang Q, Chen MH, Pers TH, Johnson AD, Ko YA, Fuchsberger C, Tayo B, Nalls M, Feitosa MF, Isaacs A, Dehghan A, d'Adamo P, Adeyemo A, Dieffenbach AK, Zonderman AB, Nolte IM, van der Most PJ, Wright AF, Shuldiner AR, Morrison AC, Hofman A, Smith AV, Dreisbach AW, Franke A, Uitterlinden AG, Metspalu A, Tonjes A, Lupo A, Robino A, Johansson Å, Demirkan A, Kollerits B, Freedman BI, Ponte B, Oostra BA, Paulweber B, Krämer BK, Mitchell BD, Buckley BM, Peralta CA, Hayward C, Helmer C, Rotimi CN, Shaffer CM, Müller C, Sala C, van Duijn CM, Saint-Pierre A, Ackermann D, Shriner D, Ruggiero D, Toniolo D, Lu Y, Cusi D, Czamara D, Ellinghaus D, Siscovick DS, Ruderfer D, Gieger C, Grallert H, Rohtchina E, Atkinson EJ, Holliday EG, Boerwinkle E, Salvi E, Bottinger EP, Murgia F, Rivadeneira F, Ernst F, Kronenberg F, Hu FB, Navis GJ, Curhan GC, Ehret GB, Homuth G, Coassin S, Thun GA, Pistis G, Gambaro G, Malerba G, Montgomery GW, Eiriksdottir G, Jacobs G, Li G, Wichmann HE, Campbell H, Schmidt H, Wallaschofski H, Völzke H, Brenner H, Kroemer HK, Kramer H, Lin H, Leach IM, Ford I, Guessous I, Rudan I, Prokopenko I, Borecki I, Heid IM, Kolcic I, Persico I, Jukema JW, Wilson JF, Felix JF, Divers J, Lambert JC, Stafford JM, Gaspoz JM, Smith JA, Faul JD, Wang JJ, Ding J, Hirschhorn JN, Attia J, Whitfield JB, Chalmers J, Viikari J, Coresh J, Denny JC, Karjalainen J, Fernandes JK, Endlich K, Butterbach K, Keene KL, Lohman K, Portas L, Launer LJ, Lytikäinen LP, Yengo L, Franke L, Ferrucci L, Rose LM, Kedenko L, Rao M, Struchalin M, Kleber ME, Cavalieri M, Haun M, Cornelis MC, Ciullo M, Pirastu M, de Andrade M, McEvoy MA, Woodward M, Adam M, Cocca M, Nauck M, Imboden M, Waldenberger M, Pruijm M, Metzger M, Stumvoll M, Evans MK, Sale MM, Kähönen M, Boban M, Bochud M, Rheinberger M, Verweij N, Bouatia-Naji N, Martin NG, Hastie N, Probst-Hensch N, Soranzo N, Devuyst O, Raitakari O, Gottesman O, Franco OH, Polasek O, Gasparini P, Munroe PB, Ridker PM, Mitchell P, Muntner P, Meisinger C, Smit JH, Kovacs P, Wild PS, Froguel P, Rettig R, Mägi R, Biffar R, Schmidt R, Middelberg RP, Carroll RJ, Penninx BW, Scott RJ, Katz R, Sedaghat S, Wild SH, Kardina SL, Ulivi S, Hwang SJ, Enroth S, Kloiber S, Trompet S, Stengel B, Hancock SJ, Turner ST, Rosas SE, Stracke S, Harris TB, Zeller T, Zemunik T, Lehtimäki T, Illig T, Aspelund T, Nikopoulou T, Esko T, Tanaka T, Gyllenstein U, Völker U, Emilsson V, Vitart V, Aalto V, Gudnason V, Chouraki V, Chen WM, Igl W, März W, Koenig W, Lieb W, Loos RJ, Liu Y, Snieder H, Pramstaller PP, Parsa A, O'Connell JR, Susztak K, Hamet P, Tremblay J, de Boer IH, Böger CA, Goessling W, Chasman DI, Köttgen A, Kao WH and Fox CS. Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nat Commun.* 2016;7:10023. (IF 12,124)
266. Neuhauser H, Diederichs C, Boeing H, Felix SB, Jünger C, Lorbeer R, Meisinger C, Peters A, Völzke H, Weikert C, Wild P and Dörr M. Hypertension in Germany. *Dtsch Arztebl Int.* 2016;113:809-815. (IF 4,257)
267. Müller-Calleja N, Rossmann H, Müller C, Wild P, Blankenberg S, Pfeiffer N, Binder H, Beutel ME, Manukyan D, Zeller T and Lackner KJ. Antiphospholipid antibodies in a large population-based cohort: genome-wide associations and effects on monocyte gene expression. *Thromb Haemost.* 2016;116:115-23. (IF 5,627)

268. Müller C, Schillert A, Röthemeier C, Trégouët DA, Proust C, Binder H, Pfeiffer N, Beutel M, Lackner KJ, Schnabel RB, Tired L, Wild PS, Blankenberg S, Zeller T and Ziegler A. Removing Batch Effects from Longitudinal Gene Expression - Quantile Normalization Plus ComBat as Best Approach for Microarray Transcriptome Data. *PLoS One*. 2016;11:e0156594. (IF 2,806)
269. Manukyan D, Rossmann H, Schulz A, Zeller T, Pfeiffer N, Binder H, Münzel T, Beutel ME, Müller-Calleja N, Wild PS and Lackner KJ. Distribution of antiphospholipid antibodies in a large population-based German cohort. *Clin Chem Lab Med*. 2016;54:1663-70. (IF 3,432)
270. Kaller CP, Debelak R, Köstering L, Egle J, Rahm B, Wild PS, Blettner M, Beutel ME and Unterrainer JM. Assessing Planning Ability Across the Adult Life Span: Population-Representative and Age-Adjusted Reliability Estimates for the Tower of London (TOL-F). *Arch Clin Neuropsychol*. 2016;31:148-64. (IF 2,044)
271. Jankowiak S, Backé E, Liebers F, Schulz A, Hegewald J, Garthus-Niegel S, Nübling M, Blankenberg S, Pfeiffer N, Lackner KJ, Beutel M, Blettner M, Münzel T, Wild PS, Seidler A, Letzel S and Latza U. Current and cumulative night shift work and subclinical atherosclerosis: results of the Gutenberg Health Study. *Int Arch Occup Environ Health*. 2016;89:1169-1182. (IF 2,177)
272. Ghiassian SD, Menche J, Chasman DI, Giulianini F, Wang R, Ricchiuto P, Aikawa M, Iwata H, Müller C, Zeller T, Sharma A, Wild P, Lackner K, Singh S, Ridker PM, Blankenberg S, Barabási AL and Loscalzo J. Endophenotype Network Models: Common Core of Complex Diseases. *Sci Rep*. 2016;6:27414. (IF 4,259)
273. Garthus-Niegel S, Nübling M, Letzel S, Hegewald J, Wagner M, Wild PS, Blettner M, Zwiener I, Latza U, Jankowiak S, Liebers F and Seidler A. Development of a mobbing short scale in the Gutenberg Health Study. *Int Arch Occup Environ Health*. 2016;89:137-46. (IF 2,177)
274. Garthus-Niegel S, Hegewald J, Seidler A, Nübling M, Espinola-Klein C, Liebers F, Wild PS, Latza U and Letzel S. The Gutenberg health study: associations between occupational and private stress factors and work-privacy conflict. *BMC Public Health*. 2016;16:192. (IF 2,265)
275. de Vries PS, Chasman DI, Sabater-Lleal M, Chen MH, Huffman JE, Steri M, Tang W, Teumer A, Marioni RE, Grossmann V, Hottenga JJ, Trompet S, Müller-Nurasyid M, Zhao JH, Brody JA, Kleber ME, Guo X, Wang JJ, Auer PL, Attia JR, Yanek LR, Ahluwalia TS, Lahti J, Venturini C, Tanaka T, Bielak LF, Joshi PK, Rocanin-Arjo A, Kolcic I, Navarro P, Rose LM, Oldmeadow C, Riess H, Mazur J, Basu S, Goel A, Yang Q, Ghanbari M, Willemsen G, Rumley A, Fiorillo E, de Craen AJ, Grotevendt A, Scott R, Taylor KD, Delgado GE, Yao J, Kifley A, Kooperberg C, Qayyum R, Lopez LM, Berentzen TL, Räikkönen K, Mangino M, Bandinelli S, Peyser PA, Wild S, Trégouët DA, Wright AF, Marten J, Zemunik T, Morrison AC, Sennblad B, Tofler G, de Maat MP, de Geus EJ, Lowe GD, Zoledziewska M, Sattar N, Binder H, Völker U, Waldenberger M, Khaw KT, McKnight B, Huang J, Jenny NS, Holliday EG, Qi L, McEvoy MG, Becker DM, Starr JM, Sarin AP, Hysi PG, Hernandez DG, Jhun MA, Campbell H, Hamsten A, Rivadeneira F, McArdle WL, Slagboom PE, Zeller T, Koenig W, Psaty BM, Haritunians T, Liu J, Palotie A, Uitterlinden AG, Stott DJ, Hofman A, Franco OH, Polasek O, Rudan I, Morange PE, Wilson JF, Kardina SL, Ferrucci L, Spector TD, Eriksson JG, Hansen T, Deary IJ, Becker LC, Scott RJ, Mitchell P, März W, Wareham NJ, Peters A, Greinacher A, Wild PS, Jukema JW, Boomsma DI, Hayward C, Cucca F, Tracy R, Watkins H, Reiner AP, Folsom AR, Ridker

- PM, O'Donnell CJ, Smith NL, Strachan DP and Dehghan A. A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. *Hum Mol Genet.* 2016;25:358-70. (IF 5,340)
276. Blankenberg S, Salomaa V, Makarova N, Ojeda F, Wild P, Lackner KJ, Jørgensen T, Thorand B, Peters A, Nauck M, Petersmann A, Vartiainen E, Veronesi G, Brambilla P, Costanzo S, Iacoviello L, Linden G, Yarnell J, Patterson CC, Everett BM, Ridker PM, Kontto J, Schnabel RB, Koenig W, Kee F, Zeller T and Kuulasmaa K. Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. *Eur Heart J.* 2016;37:2428-37. (IF 20,212)
277. Beutel ME, Jünger C, Klein EM, Wild P, Lackner KJ, Blettner M, Banerjee M, Michal M, Wiltink J and Brähler E. Depression, anxiety and suicidal ideation among 1(st) and 2(nd) generation migrants - results from the Gutenberg health study. *BMC Psychiatry.* 2016;16:288. (IF 2,613)
278. Beutel ME, Jünger C, Klein EM, Wild P, Lackner K, Blettner M, Binder H, Michal M, Wiltink J, Brähler E and Münzel T. Noise Annoyance Is Associated with Depression and Anxiety in the General Population- The Contribution of Aircraft Noise. *PLoS One.* 2016;11:e0155357. (IF 2,806)
279. Baum C, Ojeda FM, Wild PS, Rzayeva N, Zeller T, Sinning CR, Pfeiffer N, Beutel M, Blettner M, Lackner KJ, Blankenberg S, Münzel T, Rabe KF and Schnabel RB. Subclinical impairment of lung function is related to mild cardiac dysfunction and manifest heart failure in the general population. *Int J Cardiol.* 2016;218:298-304. (IF 6,189)
280. Baum C, Johannsen SS, Zeller T, Atzler D, Ojeda FM, Wild PS, Sinning CR, Lackner KJ, Gori T, Schwedhelm E, Böger RH, Blankenberg S, Münzel T and Schnabel RB. ADMA and arginine derivatives in relation to non-invasive vascular function in the general population. *Atherosclerosis.* 2016;244:149-56. (IF 4,239)
281. Atzler D, Appelbaum S, Cordts K, Ojeda FM, Wild PS, Münzel T, Blankenberg S, Böger RH, Blettner M, Beutel ME, Pfeiffer N, Zeller T, Lackner KJ and Schwedhelm E. Reference intervals of plasma homoarginine from the German Gutenberg Health Study. *Clin Chem Lab Med.* 2016;54:1231-7. (IF 3,432)
282. Zolfaghari S, Harenberg J, Frölich L, Weiss C, Wehling M, Wild P, Prochaska J, Beyer-Westendorf J, Koscielny J and Lip GY. Development of recommendations to continue anticoagulation with one of the two types of oral anticoagulants based on the identification of patients' preference. *Semin Thromb Hemost.* 2015;41:166-77. (IF 3,505)
283. Zeller T, Ojeda F, Brunner FJ, Peitsmeyer P, Münzel T, Binder H, Pfeiffer N, Michal M, Wild PS, Blankenberg S and Lackner KJ. High-sensitivity cardiac troponin I in the general population--defining reference populations for the determination of the 99th percentile in the Gutenberg Health Study. *Clin Chem Lab Med.* 2015;53:699-706. (IF 3,017)
284. Zeller T, Haase T, Müller C, Riess H, Lau D, Zeller S, Krause J, Baumert J, Pless O, Dupuis J, Wild PS, Eleftheriadis M, Waldenberger M, Zeilinger S, Ziegler A, Peters A, Tired L, Proust C, Marzi C, Münzel T, Strauch K, Prokisch H, Lackner KJ, Herder C, Thorand B, Benjamin EJ, Blankenberg S, Koenig W and Schnabel RB. Molecular Characterization of the NLRC4 Expression in Relation to Interleukin-18 Levels. *Circ Cardiovasc Genet.* 2015;8:717-26. (IF 3,808)
285. Wenzel P, Rossmann H, Müller C, Kossmann S, Oelze M, Schulz A, Arnold N, Simsek C, Lagrange J, Klemz R, Schönfelder T, Brandt M, Karbach SH, Knorr M, Finger S, Neukirch

- C, Häuser F, Beutel ME, Kröller-Schön S, Schulz E, Schnabel RB, Lackner K, Wild PS, Zeller T, Daiber A, Blankenberg S and Münzel T. Heme oxygenase-1 suppresses a pro-inflammatory phenotype in monocytes and determines endothelial function and arterial hypertension in mice and humans. *Eur Heart J*. 2015;36:3437-46. (IF 15,064)
286. Schnabel RB, Wild PS, Prochaska JH, Ojeda FM, Zeller T, Rzayeva N, Ebrahim A, Lackner KJ, Beutel ME, Pfeiffer N, Sinning CR, Oertelt-Prigione S, Regitz-Zagrosek V, Binder H, Münzel T and Blankenberg S. Sex Differences in Correlates of Intermediate Phenotypes and Prevalent Cardiovascular Disease in the General Population. *Front Cardiovasc Med*. 2015;2:15. (IF 3,915)
287. Schnabel RB, Johannsen SS, Wild PS and Blankenberg S. [Prevalence and risk factors of atrial fibrillation in Germany : data from the Gutenberg Health Study]. *Herz*. 2015;40:8-15. (IF 0,751)
288. Schmidt F, Kolle K, Kreuder K, Schnorbus B, Wild P, Hechtner M, Binder H, Gori T and Münzel T. Nighttime aircraft noise impairs endothelial function and increases blood pressure in patients with or at high risk for coronary artery disease. *Clin Res Cardiol*. 2015;104:23-30. (IF 4,324)
289. Raum P, Lamparter J, Ponto KA, Peto T, Hoehn R, Schulz A, Schneider A, Wild PS, Pfeiffer N and Mirshahi A. Correction: Prevalence and Cardiovascular Associations of Diabetic Retinopathy and Maculopathy: Results from the Gutenberg Health Study. *PLoS One*. 2015;10:e0139527.
290. Raum P, Lamparter J, Ponto KA, Peto T, Hoehn R, Schulz A, Schneider A, Wild PS, Pfeiffer N and Mirshahi A. Prevalence and Cardiovascular Associations of Diabetic Retinopathy and Maculopathy: Results from the Gutenberg Health Study. *PLoS One*. 2015;10:e0127188. (IF 3,057)
291. Ponto KA, Elbaz H, Peto T, Laubert-Reh D, Binder H, Wild PS, Lackner K, Pfeiffer N and Mirshahi A. Prevalence and risk factors of retinal vein occlusion: the Gutenberg Health Study. *J Thromb Haemost*. 2015;13:1254-63. (IF 5,565)
292. Konstantinides SV, Lankeit M, Wild P, Quitzau K and Binder H. [Follow-up after acute pulmonary embolism. A prospective non-interventional multi-center cohort study (FOCUS)]. *Dtsch Med Wochenschr*. 2015;140 Suppl 1:S20-1. (IF 0,503)
293. Homuth G, Wahl S, Müller C, Schurmann C, Mäder U, Blankenberg S, Carstensen M, Dörr M, Endlich K, Englbrecht C, Felix SB, Gieger C, Grallert H, Herder C, Illig T, Kruppa J, Marzi CS, Mayerle J, Meitinger T, Metspalu A, Nauck M, Peters A, Rathmann W, Reinmaa E, Rettig R, Roden M, Schillert A, Schramm K, Steil L, Strauch K, Teumer A, Völzke H, Wallaschofski H, Wild PS, Ziegler A, Völker U, Prokisch H and Zeller T. Extensive alterations of the whole-blood transcriptome are associated with body mass index: results of an mRNA profiling study involving two large population-based cohorts. *BMC Med Genomics*. 2015;8:65. (IF 2,726)
294. Häuser F, Rossmann H, Laubert-Reh D, Wild PS, Zeller T, Müller C, Neuwirth S, Blankenberg S and Lackner KJ. Inflammatory bowel disease (IBD) locus 12: is glutathione peroxidase-1 (GPX1) the relevant gene? *Genes Immun*. 2015;16:571-5. (IF 2,472)
295. Gori T, Wild PS, Schnabel R, Schulz A, Pfeiffer N, Blettner M, Beutel ME, Forconi S, Jung F, Lackner KJ, Blankenberg S and Münzel T. The distribution of whole blood viscosity, its determinants and relationship with arterial blood pressure in the community: cross-

- sectional analysis from the Gutenberg Health Study. *Ther Adv Cardiovasc Dis.* 2015;9:354–65. (IF 1,730)
296. Elflein HM, Fresenius S, Lamparter J, Pitz S, Pfeiffer N, Binder H, Wild P and Mirshahi A. The prevalence of amblyopia in Germany: data from the prospective, population-based Gutenberg Health Study. *Dtsch Arztebl Int.* 2015;112:338–44. (IF 3,738)
 297. Ding J, Reynolds LM, Zeller T, Müller C, Lohman K, Nicklas BJ, Kritchevsky SB, Huang Z, de la Fuente A, Soranzo N, Settlage RE, Chuang CC, Howard T, Xu N, Goodarzi MO, Chen YD, Rotter JI, Siscovick DS, Parks JS, Murphy S, Jacobs DR, Jr., Post W, Tracy RP, Wild PS, Blankenberg S, Hoeschele I, Herrington D, McCall CE and Liu Y. Alterations of a Cellular Cholesterol Metabolism Network Are a Molecular Feature of Obesity-Related Type 2 Diabetes and Cardiovascular Disease. *Diabetes.* 2015;64:3464–74. (IF 8,784)
 298. Zeller T, Keller T, Ojeda F, Reichlin T, Twerenbold R, Tzikas S, Wild PS, Reiter M, Czyz E, Lackner KJ, Munzel T, Mueller C and Blankenberg S. Assessment of microRNAs in patients with unstable angina pectoris. *Eur Heart J.* 2014;35:2106–14. (IF 15,203)
 299. Wolfram C, Höhn R, Kottler U, Wild P, Blettner M, Bühren J, Pfeiffer N and Mirshahi A. Prevalence of refractive errors in the European adult population: the Gutenberg Health Study (GHS). *Br J Ophthalmol.* 2014;98:857–61. (IF 2,976)
 300. Wiltink J, Michal M, Wild PS, Schneider A, König J, Blettner M, Münzel T, Schulz A, Weber M, Fottner C, Pfeiffer N, Lackner K and Beutel ME. Associations between depression and diabetes in the community: do symptom dimensions matter? Results from the Gutenberg Health Study. *PLoS One.* 2014;9:e105499. (IF 3,234)
 301. Sinning C, Kieback A, Wild PS, Schnabel RB, Ojeda F, Appelbaum S, Zeller T, Lubos E, Schwedhelm E, Lackner KJ, Debus ES, Munzel T, Blankenberg S and Espinola-Klein C. Association of multiple biomarkers and classical risk factors with early carotid atherosclerosis: results from the Gutenberg Health Study. *Clin Res Cardiol.* 2014;103:477–85. (IF 4,560)
 302. Schnabel RB, Wild PS, Wilde S, Ojeda FM, Schulz A, Zeller T, Sinning CR, Kunde J, Lackner KJ, Munzel T and Blankenberg S. Multiple biomarkers and atrial fibrillation in the general population. *PLoS One.* 2014;9:e112486. (IF 3,234)
 303. Rocanin-Arjo A, Cohen W, Carcaillon L, Frère C, Saut N, Letenneur L, Alhenc-Gelas M, Dupuy AM, Bertrand M, Alessi MC, Germain M, Wild PS, Zeller T, Cambien F, Goodall AH, Amouyel P, Scarabin PY, Trégouët DA and Morange PE. A meta-analysis of genome-wide association studies identifies ORM1 as a novel gene controlling thrombin generation potential. *Blood.* 2014;123:777–85. (IF 10,452)
 304. Michal M, Wiltink J, Kirschner Y, Schneider A, Wild PS, Münzel T, Blettner M, Schulz A, Lackner K, Pfeiffer N, Blankenberg S, Tschann R, Tuin I and Beutel ME. Complaints of sleep disturbances are associated with cardiovascular disease: results from the Gutenberg Health Study. *PLoS One.* 2014;9:e104324. (IF 3,234)
 305. Lüneburg N, Lieb W, Zeller T, Chen MH, Maas R, Carter AM, Xanthakis V, Glazer NL, Schwedhelm E, Seshadri S, Ikram MA, Longstreth WT, Jr., Fornage M, König IR, Loley C, Ojeda FM, Schillert A, Wang TJ, Sticht H, Kittel A, König J, Benjamin EJ, Sullivan LM, Bernges I, Andersohn M, Ziegler A, Gieger C, Illig T, Meisinger C, Wichmann HE, Wild PS, Schunkert H, Psaty BM, Wiggins KL, Heckbert SR, Smith N, Lackner K, Lunetta KL, Blankenberg S, Erdmann J, Munzel T, Grant PJ, Vasan RS and Böger RH. Genome-wide

- association study of L-arginine and dimethylarginines reveals novel metabolic pathway for symmetric dimethylarginine. *Circ Cardiovasc Genet.* 2014;7:864-72. (IF 4,631)
306. Lamparter J, Raum P, Pfeiffer N, Peto T, Höhn R, Elflein H, Wild P, Schulz A, Schneider A and Mirshahi A. Prevalence and associations of diabetic retinopathy in a large cohort of prediabetic subjects: the Gutenberg Health Study. *J Diabetes Complications.* 2014;28:482-7. (IF 3,005)
307. Korb CA, Kottler UB, Wolfram C, Hoehn R, Schulz A, Zwiener I, Wild PS, Pfeiffer N and Mirshahi A. Prevalence of age-related macular degeneration in a large European cohort: results from the population-based Gutenberg Health Study. *Graefes Arch Clin Exp Ophthalmol.* 2014;252:1403-11. (IF 1,908)
308. Karbach S, Croxford AL, Oelze M, Schüler R, Minwegen D, Wegner J, Koukes L, Yogev N, Nikolaev A, Reißig S, Ullmann A, Knorr M, Waldner M, Neurath MF, Li H, Wu Z, Brochhausen C, Scheller J, Rose-John S, Piotrowski C, Bechmann I, Radsak M, Wild P, Daiber A, von Stebut E, Wenzel P, Waisman A and Münzel T. Interleukin 17 drives vascular inflammation, endothelial dysfunction, and arterial hypertension in psoriasis-like skin disease. *Arterioscler Thromb Vasc Biol.* 2014;34:2658-68. (IF 6,008)
309. Hysi PG, Cheng CY, Springelkamp H, Macgregor S, Bailey JNC, Wojciechowski R, Vitart V, Nag A, Hewitt AW, Höhn R, Venturini C, Mirshahi A, Ramdas WD, Thorleifsson G, Vithana E, Khor CC, Stefansson AB, Liao J, Haines JL, Amin N, Wang YX, Wild PS, Ozel AB, Li JZ, Fleck BW, Zeller T, Staffieri SE, Teo YY, Cuellar-Partida G, Luo X, Allingham RR, Richards JE, Senft A, Karssen LC, Zheng Y, Bellenguez C, Xu L, Iglesias AI, Wilson JF, Kang JH, van Leeuwen EM, Jonsson V, Thorsteinsdottir U, Despret DDG, Ennis S, Moroi SE, Martin NG, Jansonius NM, Yazar S, Tai ES, Amouyel P, Kirwan J, van Koolwijk LME, Hauser MA, Jonasson F, Leo P, Loomis SJ, Fogarty R, Rivadeneira F, Kearns L, Lackner KJ, de Jong P, Simpson CL, Pennell CE, Oostra BA, Uitterlinden AG, Saw SM, Lotery AJ, Bailey-Wilson JE, Hofman A, Vingerling JR, Maubaret C, Pfeiffer N, Wolfs RCW, Lemij HG, Young TL, Pasquale LR, Delcourt C, Spector TD, Klaver CCW, Small KS, Burdon KP, Stefansson K, Wong TY, Viswanathan A, Mackey DA, Craig JE, Wiggs JL, van Duijn CM, Hammond CJ and Aung T. Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. *Nat Genet.* 2014;46:1126-1130. (IF 29,352)
310. Herder C, Nuotio ML, Shah S, Blankenberg S, Brunner EJ, Carstensen M, Gieger C, Grallert H, Jula A, Kähönen M, Kettunen J, Kivimäki M, Koenig W, Kristiansson K, Langenberg C, Lehtimäki T, Luotola K, Marzi C, Müller C, Peters A, Prokisch H, Raitakari O, Rathmann W, Roden M, Salmi M, Schramm K, Swerdlow D, Tabak AG, Thorand B, Wareham N, Wild PS, Zeller T, Hingorani AD, Witte DR, Kumari M, Perola M and Salomaa V. Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. *Diabetes.* 2014;63:4343-59. (IF 8,095)
311. Engelhardt B, König J, Blettner M, Wild P, Münzel T, Lackner K, Blankenberg S, Pfeiffer N, Beutel M and Zwiener I. Combining cross-sectional data on prevalence with risk estimates from a prediction model. A novel method for estimating the attributable risk. *Methods Inf Med.* 2014;53:371-9. (IF 2,248)
312. Elflein HM, Pfeiffer N, Hoffmann EM, Hoehn R, Kottler U, Lorenz K, Zwiener I, Wild PS and Mirshahi A. Correlations between central corneal thickness and general anthropometric characteristics and cardiovascular parameters in a large European cohort from the Gutenberg Health Study. *Cornea.* 2014;33:359-65. (IF 2,042)

313. Beygui F, Wild PS, Zeller T, Germain M, Castagné R, Lackner KJ, Münzel T, Montalescot G, Mitchell GF, Verwoert GC, Tarasov KV, Trégouët DA, Cambien F, Blankenberg S and Tiret L. Adrenomedullin and arterial stiffness: integrative approach combining monocyte ADM expression, plasma MR-Pro-ADM, and genome-wide association study. *Circ Cardiovasc Genet*. 2014;7:634-41. (IF 4,631)
314. Beutel ME, Wiltink J, Kirschner Y, Sinning C, Espinola-Klein C, Wild PS, Münzel T, Blettner M, Zwiener I, Lackner K and Michal M. History of depression but not current depression is associated with signs of atherosclerosis: data from the Gutenberg Health Study. *Psychol Med*. 2014;44:919-25. (IF 5,938)
315. Wiltink J, Michal M, Wild PS, Zwiener I, Blettner M, Münzel T, Schulz A, Kirschner Y and Beutel ME. Associations between depression and different measures of obesity (BMI, WC, WHtR, WHR). *BMC Psychiatry*. 2013;13:223. (IF 2,237)
316. Verdugo RA, Zeller T, Rotival M, Wild PS, Münzel T, Lackner KJ, Weidmann H, Ninio E, Trégouët DA, Cambien F, Blankenberg S and Tiret L. Graphical modeling of gene expression in monocytes suggests molecular mechanisms explaining increased atherosclerosis in smokers. *PLoS One*. 2013;8:e50888. (IF 3,534)
317. van der Loos MJ, Rietveld CA, Eklund N, Koellinger PD, Rivadeneira F, Abecasis GR, Ankra-Badu GA, Baumeister SE, Benjamin DJ, Biffar R, Blankenberg S, Boomsma DI, Cesarini D, Cucca F, de Geus EJ, Dedoussis G, Deloukas P, Dimitriou M, Eiriksdottir G, Eriksson J, Gieger C, Gudnason V, Höhne B, Holle R, Hottenga JJ, Isaacs A, Järvelin MR, Johannesson M, Kaakinen M, Kähönen M, Kanoni S, Laaksonen MA, Lahti J, Launer LJ, Lehtimäki T, Loitfelder M, Magnusson PK, Naitza S, Oostra BA, Perola M, Petrovic K, Quaye L, Raitakari O, Ripatti S, Scheet P, Schlessinger D, Schmidt CO, Schmidt H, Schmidt R, Senft A, Smith AV, Spector TD, Surakka I, Svento R, Terracciano A, Tikkanen E, van Duijn CM, Viikari J, Völzke H, Wichmann HE, Wild PS, Willems SM, Willemsen G, van Rooij FJ, Groenen PJ, Uitterlinden AG, Hofman A and Thurik AR. The molecular genetic architecture of self-employment. *PLoS One*. 2013;8:e60542. (IF 3,534)
318. Tzikas S, Keller T, Wild PS, Schulz A, Zwiener I, Zeller T, Schnabel RB, Sinning C, Lubos E, Kunde J, Münzel T, Lackner KJ and Blankenberg S. Midregional pro-atrial natriuretic peptide in the general population/Insights from the Gutenberg Health Study. *Clin Chem Lab Med*. 2013;51:1125-33. (IF 2,955)
319. Tzikas S, Keller T, Ojeda FM, Zeller T, Wild PS, Lubos E, Kunde J, Baldus S, Bickel C, Lackner KJ, Münzel TF and Blankenberg S. MR-proANP and MR-proADM for risk stratification of patients with acute chest pain. *Heart*. 2013;99:388-95. (IF 6,023)
320. Szymczak S, Scheinhardt MO, Zeller T, Wild PS, Blankenberg S and Ziegler A. Adaptive linear rank tests for eQTL studies. *Stat Med*. 2013;32:524-37. (IF 2,037)
321. Schnabel RB, Michal M, Wilde S, Wiltink J, Wild PS, Sinning CR, Lubos E, Ojeda FM, Zeller T, Münzel T, Blankenberg S and Beutel ME. Depression in atrial fibrillation in the general population. *PLoS One*. 2013;8:e79109. (IF 3,534)
322. Reiner AP, Hartiala J, Zeller T, Bis JC, Dupuis J, Fornage M, Baumert J, Kleber ME, Wild PS, Baldus S, Bielinski SJ, Fontes JD, Illig T, Keating BJ, Lange LA, Ojeda F, Müller-Nurasyid M, Münzel TF, Psaty BM, Rice K, Rotter JI, Schnabel RB, Tang WH, Thorand B, Erdmann J, Jacobs DR, Jr., Wilson JG, Koenig W, Tracy RP, Blankenberg S, März W, Gross MD, Benjamin EJ, Hazen SL and Allayee H. Genome-wide and gene-centric

- analyses of circulating myeloperoxidase levels in the charge and care consortia. *Hum Mol Genet.* 2013;22:3381-93. (IF 6,677)
323. Nuebling M, Seidler A, Garthus-Niegel S, Latza U, Wagner M, Hegewald J, Liebers F, Jankowiak S, Zwiener I, Wild PS and Letzel S. The Gutenberg Health Study: measuring psychosocial factors at work and predicting health and work-related outcomes with the ERI and the COPSQ questionnaire. *BMC Public Health.* 2013;13:538. (IF 2,321)
 324. Mirshahi A, Ponto KA, Höhn R, Wild PS and Pfeiffer N. [Ophthalmological aspects of the Gutenberg Health Study (GHS): an interdisciplinary prospective population-based cohort study]. *Ophthalmologe.* 2013;110:210-7. (IF 6,170)
 325. Michal M, Wiltink J, Reiner I, Kirschner Y, Wild PS, Schulz A, Zwiener I, Blettner M and Beutel ME. Association of mental distress with smoking status in the community: Results from the Gutenberg Health Study. *J Affect Disord.* 2013;146:355-60. (IF 3,705)
 326. Michal M, Wiltink J, Lackner K, Wild PS, Zwiener I, Blettner M, Münzel T, Schulz A, Kirschner Y and Beutel ME. Association of hypertension with depression in the community: results from the Gutenberg Health Study. *J Hypertens.* 2013;31:893-9. (IF 4,222)
 327. Michal M, Wiltink J, Kirschner Y, Wild PS, Münzel T, Ojeda FM, Zeller T, Schnabel RB, Lackner K, Blettner M, Zwiener I and Beutel ME. Differential associations of depressive symptom dimensions with cardio-vascular disease in the community: results from the Gutenberg health study. *PLoS One.* 2013;8:e72014. (IF 3,534)
 328. Michal M, Simon P, Gori T, König J, Wild PS, Wiltink J, Tug S, Sterzing B, Unterrainer J, Münzel T and Beutel ME. Psychodynamic Motivation and Training program (PMT) for the secondary prevention in patients with stable coronary heart disease: study protocol for a randomized controlled trial of feasibility and effects. *Trials.* 2013;14:314. (IF 2,117)
 329. Köttgen A, Albrecht E, Teumer A, Vitart V, Krumsiek J, Hundertmark C, Pistis G, Ruggiero D, O'Seaghda CM, Haller T, Yang Q, Tanaka T, Johnson AD, Kutalik Z, Smith AV, Shi J, Struchalin M, Middelberg RP, Brown MJ, Gaffo AL, Pirastu N, Li G, Hayward C, Zemunik T, Huffman J, Yengo L, Zhao JH, Demirkan A, Feitosa MF, Liu X, Malerba G, Lopez LM, van der Harst P, Li X, Kleber ME, Hicks AA, Nolte IM, Johansson A, Murgia F, Wild SH, Bakker SJ, Peden JF, Dehghan A, Steri M, Tenesa A, Lagou V, Salo P, Mangino M, Rose LM, Lehtimäki T, Woodward OM, Okada Y, Tin A, Müller C, Oldmeadow C, Putku M, Czamara D, Kraft P, Frogger L, Thun GA, Grotevendt A, Gislason GK, Harris TB, Launer LJ, McArdle P, Shuldiner AR, Boerwinkle E, Coresh J, Schmidt H, Schallert M, Martin NG, Montgomery GW, Kubo M, Nakamura Y, Tanaka T, Munroe PB, Samani NJ, Jacobs DR, Jr., Liu K, D'Adamo P, Ulivi S, Rotter JI, Psaty BM, Vollenweider P, Waeber G, Campbell S, Devuyst O, Navarro P, Kolcic I, Hastie N, Balkau B, Froguel P, Esko T, Salumets A, Khaw KT, Langenberg C, Wareham NJ, Isaacs A, Kraja A, Zhang Q, Wild PS, Scott RJ, Holliday EG, Org E, Viigimaa M, Bandinelli S, Metter JE, Lupo A, Trabetti E, Sorice R, Döring A, Lattka E, Strauch K, Theis F, Waldenberger M, Wichmann HE, Davies G, Gow AJ, Bruinenberg M, Stolk RP, Kooner JS, Zhang W, Winkelmann BR, Boehm BO, Lucae S, Penninx BW, Smit JH, Curhan G, Mudgal P, Plenge RM, Portas L, Persico I, Kirin M, Wilson JF, Mateo Leach I, van Gilst WH, Goel A, Ongen H, Hofman A, Rivadeneira F, Uitterlinden AG, Imboden M, von Eckardstein A, Cucca F, Nagaraja R, Piras MG, Nauck M, Schurmann C, Budde K, Ernst F, Farrington SM, Theodoratou E, Prokopenko I, Stumvoll M, Jula A, Perola M, Salomaa V, Shin SY, Spector TD, Sala C, Ridker PM, Kähönen M, Viikari J, Hengstenberg C, Nelson CP, Meschia JF, Nalls MA, Sharma P,

- Singleton AB, Kamatani N, Zeller T, Burnier M, Attia J, Laan M, Klopp N, Hillege HL, Kloiber S, Choi H, Pirastu M, Tore S, Probst-Hensch NM, Völzke H, Gudnason V, Parsa A, Schmidt R, Whitfield JB, Fornage M, Gasparini P, Siscovick DS, Polašek O, Campbell H, Rudan I, Bouatia-Naji N, Metspalu A, Loos RJ, van Duijn CM, Borecki IB, Ferrucci L, Gambaro G, Deary IJ, Wolffenbuttel BH, Chambers JC, März W, Pramstaller PP, Snieder H, Gyllensten U, Wright AF, Navis G, Watkins H, Witteman JC, Sanna S, Schipf S, Dunlop MG, Tönjes A, Ripatti S, Soranzo N, Toniolo D, Chasman DI, Raitakari O, Kao WH, Ciullo M, Fox CS, Caulfield M, Bochud M and Gieger C. Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nat Genet.* 2013;45:145-54. (IF 29,648)
330. Keller T, Ojeda F, Zeller T, Wild PS, Tzikas S, Sinning CR, Peetz D, Münzel T, Blankenberg S and Lackner KJ. Defining a reference population to determine the 99th percentile of a contemporary sensitive cardiac troponin I assay. *Int J Cardiol.* 2013;167:1423-9. (IF 6,175)
331. Hoffmann EM, Lamparter J, Mirshahi A, Elflein H, Hoehn R, Wolfram C, Lorenz K, Adler M, Wild PS, Schulz A, Mathes B, Blettner M and Pfeiffer N. Distribution of central corneal thickness and its association with ocular parameters in a large central European cohort: the Gutenberg health study. *PLoS One.* 2013;8:e66158. (IF 3,534)
332. Hoehn R, Mirshahi A, Hoffmann EM, Kottler UB, Wild PS, Laubert-Reh D and Pfeiffer N. Distribution of intraocular pressure and its association with ocular features and cardiovascular risk factors: the Gutenberg Health Study. *Ophthalmology.* 2013;120:961-8. (IF 6,170)
333. Garnier S, Truong V, Brocheton J, Zeller T, Rovital M, Wild PS, Ziegler A, Munzel T, Tiret L, Blankenberg S, Deloukas P, Erdmann J, Hengstenberg C, Samani NJ, Schunkert H, Ouwehand WH, Goodall AH, Cambien F and Trégouët DA. Genome-wide haplotype analysis of cis expression quantitative trait loci in monocytes. *PLoS Genet.* 2013;9:e1003240. (IF 8,167)
334. Deloukas P, Kanoni S, Willenborg C, Farrall M, Assimes TL, Thompson JR, Ingelsson E, Saleheen D, Erdmann J, Goldstein BA, Stirrups K, König IR, Cazier JB, Johansson A, Hall AS, Lee JY, Willer CJ, Chambers JC, Esko T, Folkersen L, Goel A, Grundberg E, Havulinna AS, Ho WK, Hopewell JC, Eriksson N, Kleber ME, Kristiansson K, Lundmark P, Lyytikäinen LP, Rafelt S, Shungin D, Strawbridge RJ, Thorleifsson G, Tikkanen E, Van Zuydam N, Voight BF, Waite LL, Zhang W, Ziegler A, Absher D, Altshuler D, Balmforth AJ, Barroso I, Braund PS, Burgdorf C, Claudi-Boehm S, Cox D, Dimitriou M, Do R, Doney AS, El Mokhtari N, Eriksson P, Fischer K, Fontanillas P, Franco-Cereceda A, Gigante B, Groop L, Gustafsson S, Hager J, Hallmans G, Han BG, Hunt SE, Kang HM, Illig T, Kessler T, Knowles JW, Kolovou G, Kuusisto J, Langenberg C, Langford C, Leander K, Lokki ML, Lundmark A, McCarthy MI, Meisinger C, Melander O, Mihailov E, Maouche S, Morris AD, Müller-Nurasyid M, Nikus K, Peden JF, Rayner NW, Rasheed A, Rosinger S, Rubin D, Rumpf MP, Schäfer A, Sivananthan M, Song C, Stewart AF, Tan ST, Thorgeirsson G, van der Schoot CE, Wagner PJ, Wells GA, Wild PS, Yang TP, Amouyel P, Arveiler D, Basart H, Boehnke M, Boerwinkle E, Brambilla P, Cambien F, Cupples AL, de Faire U, Dehghan A, Diemert P, Epstein SE, Evans A, Ferrario MM, Ferrières J, Gauguier D, Go AS, Goodall AH, Gudnason V, Hazen SL, Holm H, Iribarren C, Jang Y, Kähönen M, Kee F, Kim HS, Klopp N, Koenig W, Kratzer W, Kuulasmaa K, Laakso M, Laaksonen R, Lee JY, Lind L, Ouwehand WH, Parish S, Park JE, Pedersen NL, Peters A, Quertermous T, Rader DJ, Salomaa V, Schadt E, Shah SH, Sinisalo J, Stark K, Stefansson K, Trégouët DA, Virtamo

- J, Wallentin L, Wareham N, Zimmermann ME, Nieminen MS, Hengstenberg C, Sandhu MS, Pastinen T, Syvänen AC, Hovingh GK, Dedoussis G, Franks PW, Lehtimäki T, Metspalu A, Zalloua PA, Siegbahn A, Schreiber S, Ripatti S, Blankenberg SS, Perola M, Clarke R, Boehm BO, O'Donnell C, Reilly MP, März W, Collins R, Kathiresan S, Hamsten A, Kooner JS, Thorsteinsdottir U, Danesh J, Palmer CN, Roberts R, Watkins H, Schunkert H and Samani NJ. Large-scale association analysis identifies new risk loci for coronary artery disease. *Nat Genet.* 2013;45:25-33. (IF 29,648)
335. Choe CU, Atzler D, Wild PS, Carter AM, Böger RH, Ojeda F, Simova O, Stockebrand M, Lackner K, Nabuurs C, Marescau B, Streichert T, Müller C, Lüneburg N, De Deyn PP, Benndorf RA, Baldus S, Gerloff C, Blankenberg S, Heerschap A, Grant PJ, Magnus T, Zeller T, Isbrandt D and Schwedhelm E. Homoarginine levels are regulated by L-arginine:glycine amidinotransferase and affect stroke outcome: results from human and murine studies. *Circulation.* 2013;128:1451-61. (IF 14,948)
336. Bottolo L, Chadeau-Hyam M, Hastie DI, Zeller T, Liquet B, Newcombe P, Yengo L, Wild PS, Schillert A, Ziegler A, Nielsen SF, Butterworth AS, Ho WK, Castagné R, Munzel T, Tregouet D, Falchi M, Cambien F, Nordestgaard BG, Fumeron F, Tybjærg-Hansen A, Froguel P, Danesh J, Petretto E, Blankenberg S, Tiret L and Richardson S. GUESS-ing polygenic associations with multiple phenotypes using a GPU-based evolutionary stochastic search algorithm. *PLoS Genet.* 2013;9:e1003657. (IF 8,167)
337. Voight BF, Peloso GM, Orho-Melander M, Frikke-Schmidt R, Barbalic M, Jensen MK, Hindy G, Hólm H, Ding EL, Johnson T, Schunkert H, Samani NJ, Clarke R, Hopewell JC, Thompson JF, Li M, Thorleifsson G, Newton-Cheh C, Musunuru K, Pirruccello JP, Saleheen D, Chen L, Stewart A, Schillert A, Thorsteinsdottir U, Thorgeirsson G, Anand S, Engert JC, Morgan T, Spertus J, Stoll M, Berger K, Martinelli N, Girelli D, McKeown PP, Patterson CC, Epstein SE, Devaney J, Burnett MS, Mooser V, Ripatti S, Surakka I, Nieminen MS, Sinisalo J, Lokki ML, Perola M, Havulinna A, de Faire U, Gigante B, Ingelsson E, Zeller T, Wild P, de Bakker PI, Klungel OH, Maitland-van der Zee AH, Peters BJ, de Boer A, Grobbee DE, Kamphuisen PW, Deneer VH, Elbers CC, Onland-Moret NC, Hofker MH, Wijmenga C, Verschuren WM, Boer JM, van der Schouw YT, Rasheed A, Frossard P, Demissie S, Willer C, Do R, Ordovas JM, Abecasis GR, Boehnke M, Mohlke KL, Daly MJ, Guiducci C, Burt NP, Surti A, Gonzalez E, Purcell S, Gabriel S, Marrugat J, Peden J, Erdmann J, Diemert P, Willenborg C, König IR, Fischer M, Hengstenberg C, Ziegler A, Buysschaert I, Lambrechts D, Van de Werf F, Fox KA, El Mokhtari NE, Rubin D, Schrezenmeir J, Schreiber S, Schäfer A, Danesh J, Blankenberg S, Roberts R, McPherson R, Watkins H, Hall AS, Overvad K, Rimm E, Boerwinkle E, Tybjaerg-Hansen A, Cupples LA, Reilly MP, Melander O, Mannucci PM, Ardissino D, Siscovick D, Elosua R, Stefansson K, O'Donnell CJ, Salomaa V, Rader DJ, Peltonen L, Schwartz SM, Altshuler D and Kathiresan S. Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet.* 2012;380:572-80. (IF 39,060)
338. Schurmann C, Heim K, Schillert A, Blankenberg S, Carstensen M, Dörr M, Endlich K, Felix SB, Gieger C, Grallert H, Herder C, Hoffmann W, Homuth G, Illig T, Kruppa J, Meitinger T, Müller C, Nauck M, Peters A, Rettig R, Roden M, Strauch K, Völker U, Völzke H, Wahl S, Wallaschofski H, Wild PS, Zeller T, Teumer A, Prokisch H and Ziegler A. Analyzing illumina gene expression microarray data from different tissues: methodological aspects of data analysis in the metaxpress consortium. *PLoS One.* 2012;7:e50938. (IF 3,730)

339. Schnabel RB, Wilde S, Wild PS, Munzel T and Blankenberg S. Atrial fibrillation: its prevalence and risk factor profile in the German general population. *Dtsch Arztebl Int.* 2012;109:293-9. (IF 3,542)
340. Schnabel RB, Wild PS, Schulz A, Zeller T, Sinning CR, Wilde S, Kunde J, Lubos E, Lackner KJ, Warnholtz A, Gori T, Blankenberg S and Munzel T. Multiple endothelial biomarkers and noninvasive vascular function in the general population: the Gutenberg Health Study. *Hypertension.* 2012;60:288-95. (IF 6,873)
341. Murabito JM, White CC, Kavousi M, Sun YV, Feitosa MF, Nambi V, Lamina C, Schillert A, Coassin S, Bis JC, Broer L, Crawford DC, Franceschini N, Frikke-Schmidt R, Haun M, Holeyijn S, Huffman JE, Hwang SJ, Kiechl S, Kollerits B, Montasser ME, Nolte IM, Rudock ME, Senft A, Teumer A, van der Harst P, Vitart V, Waite LL, Wood AR, Wassel CL, Absher DM, Allison MA, Amin N, Arnold A, Asselbergs FW, Aulchenko Y, Bandinelli S, Barbalic M, Boban M, Brown-Gentry K, Couper DJ, Criqui MH, Dehghan A, den Heijer M, Dieplinger B, Ding J, Dörr M, Espinola-Klein C, Felix SB, Ferrucci L, Folsom AR, Fraedrich G, Gibson Q, Goodloe R, Gunjaca G, Haltmayer M, Heiss G, Hofman A, Kieback A, Kiemeny LA, Kolcic I, Kullo IJ, Kritchevsky SB, Lackner KJ, Li X, Lieb W, Lohman K, Meisinger C, Melzer D, Mohler ER, 3rd, Mudnic I, Mueller T, Navis G, Oberhollenzer F, Olin JW, O'Connell J, O'Donnell CJ, Palmas W, Penninx BW, Petersmann A, Polasek O, Psaty BM, Rantner B, Rice K, Rivadeneira F, Rotter JI, Seldenrijk A, Stadler M, Summerer M, Tanaka T, Tybjaerg-Hansen A, Uitterlinden AG, van Gilst WH, Vermeulen SH, Wild SH, Wild PS, Willeit J, Zeller T, Zemunik T, Zgaga L, Assimes TL, Blankenberg S, Boerwinkle E, Campbell H, Cooke JP, de Graaf J, Herrington D, Kardia SL, Mitchell BD, Murray A, Münzel T, Newman AB, Oostra BA, Rudan I, Shuldiner AR, Snieder H, van Duijn CM, Völker U, Wright AF, Wichmann HE, Wilson JF, Witteman JC, Liu Y, Hayward C, Borecki IB, Ziegler A, North KE, Cupples LA and Kronenberg F. Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. *Circ Cardiovasc Genet.* 2012;5:100-12. (IF 6,728)
342. Lillpopp L, Tzikas S, Ojeda F, Zeller T, Baldus S, Bickel C, Sinning CR, Wild PS, Genth-Zotz S, Warnholtz A, Lackner KJ, Münzel T, Blankenberg S and Keller T. Prognostic information of glycogen phosphorylase isoenzyme BB in patients with suspected acute coronary syndrome. *Am J Cardiol.* 2012;110:1225-30. (IF 3,209)
343. Greliche N, Zeller T, Wild PS, Rotival M, Schillert A, Ziegler A, Deloukas P, Erdmann J, Hengstenberg C, Ouwehand WH, Samani NJ, Schunkert H, Munzel T, Lackner KJ, Cambien F, Goodall AH, Tiret L, Blankenberg S and Trégouët DA. Comprehensive exploration of the effects of miRNA SNPs on monocyte gene expression. *PLoS One.* 2012;7:e45863. (IF 3,730)
344. Franceschini N, van Rooij FJ, Prins BP, Feitosa MF, Karakas M, Eckfeldt JH, Folsom AR, Kopp J, Vaez A, Andrews JS, Baumert J, Boraska V, Broer L, Hayward C, Ngwa JS, Okada Y, Polasek O, Westra HJ, Wang YA, Del Greco MF, Glazer NL, Kapur K, Kema IP, Lopez LM, Schillert A, Smith AV, Winkler CA, Zgaga L, Bandinelli S, Bergmann S, Boban M, Bochud M, Chen YD, Davies G, Dehghan A, Ding J, Doering A, Durda JP, Ferrucci L, Franco OH, Franke L, Gunjaca G, Hofman A, Hsu FC, Kolcic I, Kraja A, Kubo M, Lackner KJ, Launer L, Loehr LR, Li G, Meisinger C, Nakamura Y, Schwenbacher C, Starr JM, Takahashi A, Torlak V, Uitterlinden AG, Vitart V, Waldenberger M, Wild PS, Kirin M, Zeller T, Zemunik T, Zhang Q, Ziegler A, Blankenberg S, Boerwinkle E, Borecki IB, Campbell H, Deary IJ, Frayling TM, Gieger C, Harris TB, Hicks AA, Koenig W, CJ OD, Fox CS, Pramstaller PP, Psaty BM, Reiner AP, Rotter JI, Rudan I, Snieder H, Tanaka T, van Duijn

- CM, Vollenweider P, Waeber G, Wilson JF, Witteman JC, Wolffenbuttel BH, Wright AF, Wu Q, Liu Y, Jenny NS, North KE, Felix JF, Alizadeh BZ, Cupples LA, Perry JR and Morris AP. Discovery and fine mapping of serum protein loci through transethnic meta-analysis. *Am J Hum Genet.* 2012;91:744-53. (IF 11,202)
345. Beutel ME, Wiltink J, Till Y, Wild PS, Münzel T, Ojeda FM, Zeller T, Schnabel RB, Lackner K, Blettner M, Zwiener I and Michal M. Type D personality as a cardiovascular risk marker in the general population: results from the Gutenberg health study. *Psychother Psychosom.* 2012;81:108-17. (IF 7,230)
346. Wiltink J, Beutel ME, Till Y, Ojeda FM, Wild PS, Münzel T, Blankenberg S and Michal M. Prevalence of distress, comorbid conditions and well being in the general population. *J Affect Disord.* 2011;130:429-37. (IF 3,517)
347. Sinning CR, Sinning JM, Schulz A, Schnabel RB, Lubos E, Wild PS, Papassotiriou J, Bergmann A, Blankenberg S, Munzel T and Bickel C. Association of serum procalcitonin with cardiovascular prognosis in coronary artery disease. *Circ J.* 2011;75:1184-91. (IF 3,766)
348. Sinning C, Wild PS, Echevarria FM, Wilde S, Schnabel R, Lubos E, Herkenhoff S, Bickel C, Klimpe S, Gori T, Münzel TF, Blankenberg S and Espinola-Klein C. Sex differences in early carotid atherosclerosis (from the community-based Gutenberg-Heart Study). *Am J Cardiol.* 2011;107:1841-7. (IF 3,368)
349. Schnabel RB, Schulz A, Wild PS, Sinning CR, Wilde S, Eleftheriadis M, Herkenhoff S, Zeller T, Lubos E, Lackner KJ, Warnholtz A, Gori T, Blankenberg S and Münzel T. Noninvasive vascular function measurement in the community: cross-sectional relations and comparison of methods. *Circ Cardiovasc Imaging.* 2011;4:371-80. (IF 5,941)
350. Reilly MP, Li M, He J, Ferguson JF, Stylianou IM, Mehta NN, Burnett MS, Devaney JM, Knouff CW, Thompson JR, Horne BD, Stewart AF, Assimes TL, Wild PS, Allayee H, Nitschke PL, Patel RS, Martinelli N, Girelli D, Quyyumi AA, Anderson JL, Erdmann J, Hall AS, Schunkert H, Quertermous T, Blankenberg S, Hazen SL, Roberts R, Kathiresan S, Samani NJ, Epstein SE and Rader DJ. Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. *Lancet.* 2011;377:383-92. (IF 38,278)
351. O'Donnell CJ, Kavousi M, Smith AV, Kardia SL, Feitosa MF, Hwang SJ, Sun YV, Province MA, Aspelund T, Dehghan A, Hoffmann U, Bielak LF, Zhang Q, Eiriksdottir G, van Duijn CM, Fox CS, de Andrade M, Kraja AT, Sigurdsson S, Elias-Smale SE, Murabito JM, Launer LJ, van der Lugt A, Kathiresan S, Krestin GP, Herrington DM, Howard TD, Liu Y, Post W, Mitchell BD, O'Connell JR, Shen H, Shuldiner AR, Altshuler D, Elosua R, Salomaa V, Schwartz SM, Siscovick DS, Voight BF, Bis JC, Glazer NL, Psaty BM, Boerwinkle E, Heiss G, Blankenberg S, Zeller T, Wild PS, Schnabel RB, Schillert A, Ziegler A, Münzel TF, White CC, Rotter JI, Nalls M, Oudkerk M, Johnson AD, Newman AB, Uitterlinden AG, Massaro JM, Cunningham J, Harris TB, Hofman A, Peyser PA, Borecki IB, Cupples LA, Gudnason V and Witteman JC. Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. *Circulation.* 2011;124:2855-64. (IF 14,739)
352. Michal M, Wiltink J, Till Y, Wild PS, Blettner M and Beutel ME. Distinctiveness and overlap of depersonalization with anxiety and depression in a community sample: results from the Gutenberg Heart Study. *Psychiatry Res.* 2011;188:264-8. (IF 2,524)

353. Schunkert H, König IR, Kathiresan S, Reilly MP, Assimes TL, Holm H, Preuss M, Stewart AF, Barbalic M, Gieger C, Absher D, Aherrahrou Z, Allayee H, Altshuler D, Anand SS, Andersen K, Anderson JL, Ardissino D, Ball SG, Balmforth AJ, Barnes TA, Becker DM, Becker LC, Berger K, Bis JC, Boekholdt SM, Boerwinkle E, Braund PS, Brown MJ, Burnett MS, Buyschaert I; Cardiogenics, Carlquist JF, Chen L, Cichon S, Codd V, Davies RW, Dedoussis G, Dehghan A, Demissie S, Devaney JM, Diemert P, Do R, Doering A, Eifert S, Mokhtari NE, Ellis SG, Elosua R, Engert JC, Epstein SE, de Faire U, Fischer M, Folsom AR, Freyer J, Gigante B, Girelli D, Gretarsdottir S, Gudnason V, Gulcher JR, Halperin E, Hammond N, Hazen SL, Hofman A, Horne BD, Illig T, Iribarren C, Jones GT, Jukema JW, Kaiser MA, Kaplan LM, Kastelein JJ, Khaw KT, Knowles JW, Kolovou G, Kong A, Laaksonen R, Lambrechts D, Leander K, Lettre G, Li M, Lieb W, Loley C, Lotery AJ, Mannucci PM, Maouche S, Martinelli N, McKeown PP, Meisinger C, Meitinger T, Melander O, Merlini PA, Mooser V, Morgan T, Mühleisen TW, Muhlestein JB, Münzel T, Musunuru K, Nahrstaedt J, Nelson CP, Nöthen MM, Olivieri O, Patel RS, Patterson CC, Peters A, Peyvandi F, Qu L, Quyyumi AA, Rader DJ, Rallidis LS, Rice C, Rosendaal FR, Rubin D, Salomaa V, Sampietro ML, Sandhu MS, Schadt E, Schäfer A, Schillert A, Schreiber S, Schrezenmeir J, Schwartz SM, Siscovick DS, Sivananthan M, Sivapalaratnam S, Smith A, Smith TB, Snopce JD, Soranzo N, Spertus JA, Stark K, Stirrups K, Stoll M, Tang WH, Tennstedt S, Thorgeirsson G, Thorleifsson G, Tomaszewski M, Uitterlinden AG, van Rij AM, Voight BF, Wareham NJ, Wells GA, Wichmann HE, Wild PS, Willenborg C, Witteman JC, Wright BJ, Ye S, Zeller T, Ziegler A, Cambien F, Goodall AH, Cupples LA, Quertermous T, März W, Hengstenberg C, Blankenberg S, Ouwehand WH, Hall AS, Deloukas P, Thompson JR, Stefansson K, Roberts R, Thorsteinsdottir U, O'Donnell CJ, McPherson R, Erdmann J; CARDIoGRAM Consortium, Samani NJ. Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nat Genet.* 2011 Mar 6;43(4):333-8. (IF 35,532)
354. Keller T, Zeller T, Ojeda F, Tzikas S, Lillpopp L, Sinning C, Wild P, Genth-Zotz S, Warnholtz A, Giannitsis E, Möckel M, Bickel C, Peetz D, Lackner K, Baldus S, Münzel T and Blankenberg S. Serial changes in highly sensitive troponin I assay and early diagnosis of myocardial infarction. *Jama.* 2011;306:2684-93. (IF 30,026)
355. Forconi S, Wild P, Munzel T and Gori T. Endothelium and hyperviscosity. *Clin Hemorheol Microcirc.* 2011;49:487-91. (IF 3,398)
356. Damaske A, Muxel S, Fasola F, Radmacher MC, Schaefer S, Jabs A, Orphal D, Wild P, Parker JD, Fineschi M, Munzel T, Forconi S and Gori T. Peripheral hemorheological and vascular correlates of coronary blood flow. *Clin Hemorheol Microcirc.* 2011;49:261-9. (IF 3,398)
357. Castagné R, Rotival M, Zeller T, Wild PS, Truong V, Trégouët DA, Munzel T, Ziegler A, Cambien F, Blankenberg S and Tiret L. The choice of the filtering method in microarrays affects the inference regarding dosage compensation of the active X-chromosome. *PLoS One.* 2011;6:e23956. (IF 4,092)
358. Bis JC, Kavousi M, Franceschini N, Isaacs A, Abecasis GR, Schminke U, Post WS, Smith AV, Cupples LA, Markus HS, Schmidt R, Huffman JE, Lehtimäki T, Baumert J, Münzel T, Heckbert SR, Dehghan A, North K, Oostra B, Bevan S, Stoegerer EM, Hayward C, Raitakari O, Meisinger C, Schillert A, Sanna S, Völzke H, Cheng YC, Thorsson B, Fox CS, Rice K, Rivadeneira F, Nambi V, Halperin E, Petrovic KE, Peltonen L, Wichmann HE, Schnabel RB, Dörr M, Parsa A, Aspelund T, Demissie S, Kathiresan S, Reilly MP, Taylor K, Uitterlinden A, Couper DJ, Sitzer M, Kähönen M, Illig T, Wild PS, Orru M, Lüdemann J,

- Shuldiner AR, Eiriksdottir G, White CC, Rotter JI, Hofman A, Seissler J, Zeller T, Usala G, Ernst F, Launer LJ, D'Agostino RB, Sr., O'Leary DH, Ballantyne C, Thiery J, Ziegler A, Lakatta EG, Chilukoti RK, Harris TB, Wolf PA, Psaty BM, Polak JF, Li X, Rathmann W, Uda M, Boerwinkle E, Klopp N, Schmidt H, Wilson JF, Viikari J, Koenig W, Blankenberg S, Newman AB, Witteman J, Heiss G, Duijn C, Scuteri A, Homuth G, Mitchell BD, Gudnason V and O'Donnell CJ. Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. *Nat Genet.* 2011;43:940-7. (IF 35,532)
359. Zeller T, Wild P, Szymczak S, Rotival M, Schillert A, Castagne R, Maouche S, Germain M, Lackner K, Rossmann H, Eleftheriadis M, Sinning CR, Schnabel RB, Lubos E, Mennerich D, Rust W, Perret C, Proust C, Nicaud V, Loscalzo J, Hübner N, Tregouet D, Münzel T, Ziegler A, Tiret L, Blankenberg S and Cambien F. Genetics and beyond--the transcriptome of human monocytes and disease susceptibility. *PLoS One.* 2010;5:e10693. (IF 4,411)
360. Schnabel RB, Schulz A, Messow CM, Lubos E, Wild PS, Zeller T, Sinning CR, Rupprecht HJ, Bickel C, Peetz D, Cambien F, Kempf T, Wollert KC, Benjamin EJ, Lackner KJ, Münzel TF, Tiret L, Vasan RS and Blankenberg S. Multiple marker approach to risk stratification in patients with stable coronary artery disease. *Eur Heart J.* 2010;31:3024-31. (IF 10,052)
361. Michal M, Wiltink J, Till Y, Wild PS, Münzel T, Blankenberg S and Beutel ME. Type-D personality and depersonalization are associated with suicidal ideation in the German general population aged 35-74: results from the Gutenberg Heart Study. *J Affect Disord.* 2010;125:227-33. (IF 3,740)
362. Lubos E, Sinning CR, Schnabel RB, Wild PS, Zeller T, Rupprecht HJ, Bickel C, Lackner KJ, Peetz D, Loscalzo J, Münzel T and Blankenberg S. Serum selenium and prognosis in cardiovascular disease: results from the AtheroGene study. *Atherosclerosis.* 2010;209:271-7. (IF 4,086)
363. Köttgen A, Pattaro C, Böger CA, Fuchsberger C, Olden M, Glazer NL, Parsa A, Gao X, Yang Q, Smith AV, O'Connell JR, Li M, Schmidt H, Tanaka T, Isaacs A, Ketkar S, Hwang SJ, Johnson AD, Dehghan A, Teumer A, Paré G, Atkinson EJ, Zeller T, Lohman K, Cornelis MC, Probst-Hensch NM, Kronenberg F, Tönjes A, Hayward C, Aspelund T, Eiriksdottir G, Launer LJ, Harris TB, Rumpersaud E, Mitchell BD, Arking DE, Boerwinkle E, Struchalin M, Cavalieri M, Singleton A, Giallauria F, Metter J, de Boer IH, Haritunians T, Lumley T, Siscovick D, Psaty BM, Zillikens MC, Oostra BA, Feitosa M, Province M, de Andrade M, Turner ST, Schillert A, Ziegler A, Wild PS, Schnabel RB, Wilde S, Münzel TF, Leak TS, Illig T, Klopp N, Meisinger C, Wichmann HE, Koenig W, Zgaga L, Zemanek T, Kolcic I, Minelli C, Hu FB, Johansson A, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Schreiber S, Aulchenko YS, Felix JF, Rivadeneira F, Uitterlinden AG, Hofman A, Imboden M, Nitsch D, Brandstätter A, Kollerits B, Kedenko L, Mägi R, Stumvoll M, Kovacs P, Boban M, Campbell S, Endlich K, Völzke H, Kroemer HK, Nauck M, Völker U, Polasek O, Vitart V, Badola S, Parker AN, Ridker PM, Kardia SL, Blankenberg S, Liu Y, Curhan GC, Franke A, Roach T, Paulweber B, Prokopenko I, Wang W, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Shlipak MG, van Duijn CM, Borecki I, Krämer BK, Rudan I, Gyllenstein U, Wilson JF, Witteman JC, Pramstaller PP, Rettig R, Hastie N, Chasman DI, Kao WH, Heid IM and Fox CS. New loci associated with kidney function and chronic kidney disease. *Nat Genet.* 2010;42:376-84. (IF 36,377)

364. Keller T, Tzikas S, Zeller T, Czyz E, Lillpopp L, Ojeda FM, Roth A, Bickel C, Baldus S, Sinning CR, Wild PS, Lubos E, Peetz D, Kunde J, Hartmann O, Bergmann A, Post F, Lackner KJ, Genth-Zotz S, Nicaud V, Tiret L, Münzel TF and Blankenberg S. Copeptin improves early diagnosis of acute myocardial infarction. *J Am Coll Cardiol.* 2010;55:2096-106. (IF 14,293)
365. Buil A, Trégouët DA, Souto JC, Saut N, Germain M, Rotival M, Tiret L, Cambien F, Lathrop M, Zeller T, Alessi MC, Rodriguez de Cordoba S, Münzel T, Wild P, Fontcuberta J, Gagnon F, Emmerich J, Almasy L, Blankenberg S, Soria JM and Morange PE. C4BPB/C4BPA is a new susceptibility locus for venous thrombosis with unknown protein S-independent mechanism: results from genome-wide association and gene expression analyses followed by case-control studies. *Blood.* 2010;115:4644-50. (IF 10,558)
366. Blankenberg S, Zeller T, Saarela O, Havulinna AS, Kee F, Tunstall-Pedoe H, Kuulasmaa K, Yarnell J, Schnabel RB, Wild PS, Münzel TF, Lackner KJ, Tiret L, Evans A and Salomaa V. Contribution of 30 biomarkers to 10-year cardiovascular risk estimation in 2 population cohorts: the MONICA, risk, genetics, archiving, and monograph (MORGAM) biomarker project. *Circulation.* 2010;121:2388-97. (IF 14,432)
367. Kempf T, Sinning JM, Quint A, Bickel C, Sinning C, Wild PS, Schnabel R, Lubos E, Rupprecht HJ, Münzel T, Drexler H, Blankenberg S and Wollert KC. Growth-differentiation factor-15 for risk stratification in patients with stable and unstable coronary heart disease: results from the AtheroGene study. *Circ Cardiovasc Genet.* 2009;2:286-92. (IF 4,043)
368. Keller T, Zeller T, Peetz D, Tzikas S, Roth A, Czyz E, Bickel C, Baldus S, Warnholtz A, Fröhlich M, Sinning CR, Eleftheriadis MS, Wild PS, Schnabel RB, Lubos E, Jachmann N, Genth-Zotz S, Post F, Nicaud V, Tiret L, Lackner KJ, Münzel TF and Blankenberg S. Sensitive troponin I assay in early diagnosis of acute myocardial infarction. *N Engl J Med.* 2009;361:868-77. (IF 47,050)
369. Keller T, Messow CM, Lubos E, Nicaud V, Wild PS, Rupprecht HJ, Bickel C, Tzikas S, Peetz D, Lackner KJ, Tiret L, Münzel TF, Blankenberg S and Schnabel RB. Cystatin C and cardiovascular mortality in patients with coronary artery disease and normal or mildly reduced kidney function: results from the AtheroGene study. *Eur Heart J.* 2009;30:314-20. (IF 9,800)
370. Erdmann J, Grosshennig A, Braund PS, König IR, Hengstenberg C, Hall AS, Linsel-Nitschke P, Kathiresan S, Wright B, Trégouët DA, Cambien F, Bruse P, Aherrahrou Z, Wagner AK, Stark K, Schwartz SM, Salomaa V, Elosua R, Melander O, Voight BF, O'Donnell CJ, Peltonen L, Siscovick DS, Altshuler D, Merlini PA, Peyvandi F, Bernardinelli L, Ardissino D, Schillert A, Blankenberg S, Zeller T, Wild P, Schwarz DF, Tiret L, Perret C, Schreiber S, El Mokhtari NE, Schäfer A, März W, Renner W, Bugert P, Klüter H, Schrezenmeir J, Rubin D, Ball SG, Balmforth AJ, Wichmann HE, Meitinger T, Fischer M, Meisinger C, Baumert J, Peters A, Ouwehand WH, Deloukas P, Thompson JR, Ziegler A, Samani NJ and Schunkert H. New susceptibility locus for coronary artery disease on chromosome 3q22.3. *Nat Genet.* 2009;41:280-2. (IF 34,284)
371. Schnabel R, Lubos E, Messow CM, Sinning CR, Zeller T, Wild PS, Peetz D, Handy DE, Münzel T, Loscalzo J, Lackner KJ and Blankenberg S. Selenium supplementation improves antioxidant capacity in vitro and in vivo in patients with coronary artery disease The SElenium Therapy in Coronary Artery disease Patients (SETCAP) Study. *Am Heart J.* 2008;156:1201.e1-11. (IF 4,285)

372. Geisler T, Rost HC, Wild PS and Zotz R. Freehand three-dimensional assessment of left ventricular volumes and ejection fraction with ultrasound contrast agent LK565. *Eur J Echocardiogr.* 2007;8:19-29. (IF 0,833)
373. Geisler T, Funke B, Wild P, Dietz G, Petrov R, Stefenelli U and Zotz R. [X-ray contrast media Melitrast-300 and Melitrast-270 in cardiological diagnosis]. *Rontgenpraxis.* 2004;55:155-9.

Publications as collaborator

(Total number 27)

1. Ray KK, Aguiar C, Arca M, Connolly DL, Eriksson M, Ferrières J, Laufs U, Mostaza JM, Nanchen D, Bardet A, Lamparter M, Chhabra R, Soronen J, Rietzschel E, Strandberg T, Toplak H, Visseren FLJ, Catapano AL; SANTORINI Study Investigators. Use of combination therapy is associated with improved LDL cholesterol management: 1-year follow-up results from the European observational SANTORINI study. *Eur J Prev Cardiol.* 2024 Nov 11;31(15):1792-1803.
2. Gallego-Fabrega C, Temprano-Sagrera G, Cárcel-Márquez J, Muiño E, Cullell N, Lledós M, Llucià-Carol L, Martín-Campos JM, Sobrino T, Castillo J, Millán M, Muñoz-Narbona L, López-Cancio E, Ribó M, Alvarez-Sabin J, Jiménez-Conde J, Roquer J, Tur S, Obach V, Arenillas JF, Segura T, Serrano-Heras G, Martí-Fabregas J, Freijo-Guerrero M, Moniche F, Castellanos MDM, Morrison AC, Smith NL, de Vries PS, Fernández-Cadenas I, Sabater-Lleal M; Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium; Spanish Stroke Genetic Consortium. A multitrait genetic study of hemostatic factors and hemorrhagic transformation after stroke treatment. *J Thromb Haemost.* 2024 Apr;22(4):936-950.
3. NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults. *Lancet.* 2024 Mar 16;403(10431):1027-1050.
4. NCD Risk Factor Collaboration (NCD-RisC). Diminishing benefits of urban living for children and adolescents' growth and development. *Nature.* 2023 Mar;615(7954):874-883
5. Stacey D, Chen L, Stanczyk PJ, Howson JMM, Mason AM, Burgess S, MacDonald S, Langdown J, McKinney H, Downes K, Farahi N, Peters JE, Basu S, Pankow JS, Tang W, Pankratz N, Sabater-Lleal M, de Vries PS, Smith NL, Gelinias AD, Schneider DJ, Janjic N, Samani NJ, Ye S, Summers C, Chilvers ER, Danesh J and Paul DS. Elucidating mechanisms of genetic cross-disease associations at the PROCRA vascular disease locus. *Nat Commun.* 2022;13:1222.
6. Brunner FJ, Waldeyer C, Ojeda F, Salomaa V, Kee F, Sans S, Thorand B, Giampaoli S, Brambilla P, Tunstall-Pedoe H, Moitry M, Iacoviello L, Veronesi G, Grassi G, Mathiesen EB, Söderberg S, Linneberg A, Brenner H, Amouyel P, Ferrières J, Tamosiunas A, Nikitin YP, Drygas W, Melander O, Jöckel KH, Leistner DM, Shaw JE, Panagiotakos DB, Simons LA, Kavousi M, Vasan RS, Dullaart RPF, Wannamethee SG, Risérus U, Shea S, de Lemos JA, Omland T, Kuulasmaa K, Landmesser U and Blankenberg S. Application of non-HDL

- cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. *Lancet*. 2019;394:2173–2183.
7. Chauhan G, Adams HHH, Satizabal CL, Bis JC, Teumer A, Sargurupremraj M, Hofer E, Trompet S, Hilal S, Smith AV, Jian X, Malik R, Traylor M, Pulit SL, Amouyel P, Mazoyer B, Zhu YC, Kaffashian S, Schilling S, Beecham GW, Montine TJ, Schellenberg GD, Kjartansson O, Guðnason V, Knopman DS, Griswold ME, Windham BG, Gottesman RF, Mosley TH, Schmidt R, Saba Y, Schmidt H, Takeuchi F, Yamaguchi S, Nabika T, Kato N, Rajan KB, Aggarwal NT, De Jager PL, Evans DA, Psaty BM, Rotter JI, Rice K, Lopez OL, Liao J, Chen C, Cheng CY, Wong TY, Ikram MK, van der Lee SJ, Amin N, Chouraki V, DeStefano AL, Aparicio HJ, Romero JR, Maillard P, DeCarli C, Wardlaw JM, Hernández M, Luciano M, Liewald D, Deary IJ, Starr JM, Bastin ME, Muñoz Maniega S, Slagboom PE, Beekman M, Deelen J, Uh HW, Lemmens R, Brodaty H, Wright MJ, Ames D, Boncoraglio GB, Hopewell JC, Beecham AH, Blanton SH, Wright CB, Sacco RL, Wen W, Thalamuthu A, Armstrong NJ, Chong E, Schofield PR, Kwok JB, van der Grond J, Stott DJ, Ford I, Jukema JW, Vernooij MW, Hofman A, Uitterlinden AG, van der Lugt A, Wittfeld K, Grabe HJ, Hosten N, von Sarnowski B, Völker U, Levi C, Jimenez-Conde J, Sharma P, Sudlow CLM, Rosand J, Woo D, Cole JW, Meschia JF, Slowik A, Thijs V, Lindgren A, Melander O, Grewal RP, Rundek T, Rexrode K, Rothwell PM, Arnett DK, Jern C, Johnson JA, Benavente OR, Wasssertheil-Smoller S, Lee JM, Wong Q, Mitchell BD, Rich SS, McArdle PF, Geerlings MI, van der Graaf Y, de Bakker PIW, Asselbergs FW, Srikanth V, Thomson R, McWhirter R, Moran C, Callisaya M, Phan T, Rutten-Jacobs LCA, Bevan S, Tzourio C, Mather KA, Sachdev PS, van Duijn CM, Worrall BB, Dichgans M, Kittner SJ, Markus HS, Ikram MA, Fornage M, Launer LJ, Seshadri S, Longstreth WT, Jr. and Debette S. Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. *Neurology*. 2019;92:e486–503.
 8. Shungin D, Winkler TW, Croteau-Chonka DC, Ferreira T, Locke AE, Mägi R, Strawbridge RJ, Pers TH, Fischer K, Justice AE, Workalemahu T, Wu JMW, Buchkovich ML, Heard-Costa NL, Roman TS, Drong AW, Song C, Gustafsson S, Day FR, Esko T, Fall T, Kutalik Z, Luan J, Randall JC, Scherag A, Vedantam S, Wood AR, Chen J, Fehrmann R, Karjalainen J, Kahali B, Liu CT, Schmidt EM, Absher D, Amin N, Anderson D, Beekman M, Bragg-Gresham JL, Buyske S, Demirkan A, Ehret GB, Feitosa MF, Goel A, Jackson AU, Johnson T, Kleber ME, Kristiansson K, Mangino M, Leach IM, Medina-Gomez C, Palmer CD, Pasko D, Pechlivanis S, Peters MJ, Prokopenko I, Stančáková A, Sung YJ, Tanaka T, Teumer A, Van Vliet-Ostaptchouk JV, Yengo L, Zhang W, Albrecht E, Ärnlöv J, Arscott GM, Bandinelli S, Barrett A, Bellis C, Bennett AJ, Berne C, Blüher M, Böhringer S, Bonnet F, Böttcher Y, Bruinenberg M, Carba DB, Caspersen IH, Clarke R, Daw EW, Deelen J, Deelman E, Delgado G, Doney AS, Eklund N, Erdos MR, Estrada K, Eury E, Friedrich N, Garcia ME, Giedraitis V, Gigante B, Go AS, Golay A, Grallert H, Grammer TB, Gräßler J, Grewal J, Groves CJ, Haller T, Hallmans G, Hartman CA, Hassinen M, Hayward C, Heikkilä K, Herzig KH, Helmer Q, Hillege HL, Holmen O, Hunt SC, Isaacs A, Ittermann T, James AL, Johansson I, Juliusdottir T, Kalafati IP, Kinnunen L, Koenig W, Kooner IK, Kratzer W, Lamina C, Leander K, Lee NR, Lichtner P, Lind L, Lindström J, Lobbens S, Lorentzon M, Mach F, Magnusson PK, Mahajan A, McArdle WL, Menni C, Merger S, Mihailov E, Milani L, Mills R, Moayyeri A, Monda KL, Mooijaart SP, Mühleisen TW, Mulas A, Müller G, Müller-Nurasyid M, Nagaraja R, Nalls MA, Narisu N, Glorioso N, Nolte IM, Olden M, Rayner NW, Renstrom F, Ried JS, Robertson NR, Rose LM, Sanna S, Scharnagl H, Scholtens S, Sennblad B, Seufferlein T, Sitlani CM, Smith AV, Stirrups K, Stringham HM, Sundström J, Swertz MA, Swift AJ, Syvänen AC, Tayo BO, Thorand B, Thorleifsson

- G, Tomaschitz A, Troffa C, van Oort FV, Verweij N, Vonk JM, Waite LL, Wennauer R, Wilsgaard T, Wojczynski MK, Wong A, Zhang Q, Zhao JH, Brennan EP, Choi M, Eriksson P, Folkersen L, Franco-Cereceda A, Gharavi AG, Hedman Å K, Hivert MF, Huang J, Kanoni S, Karpe F, Keildson S, Kiryluk K, Liang L, Lifton RP, Ma B, McKnight AJ, McPherson R, Metspalu A, Min JL, Moffatt MF, Montgomery GW, Murabito JM, Nicholson G, Nyholt DR, Olsson C, Perry JR, Reinmaa E, Salem RM, Sandholm N, Schadt EE, Scott RA, Stolk L, Vallejo EE, Westra HJ, Zondervan KT, Amouyel P, Arveiler D, Bakker SJ, Beilby J, Bergman RN, Blangero J, Brown MJ, Burnier M, Campbell H, Chakravarti A, Chines PS, Claudi-Boehm S, Collins FS, Crawford DC, Danesh J, de Faire U, de Geus EJ, Dörr M, Erbel R, Eriksson JG, Farrall M, Ferrannini E, Ferrières J, Forouhi NG, Forrester T, Franco OH, Gansevoort RT, Gieger C, Gudnason V, Haiman CA, Harris TB, Hattersley AT, Heliövaara M, Hicks AA, Hingorani AD, Hoffmann W, Hofman A, Homuth G, Humphries SE, Hyppönen E, Illig T, Jarvelin MR, Johansen B, Jousilahti P, Jula AM, Kaprio J, Kee F, Keinänen-Kiukaanniemi SM, Kooner JS, Kooperberg C, Kovacs P, Kraja AT, Kumari M, Kuulasmaa K, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimäki T, Lyssenko V, Männistö S, Marette A, Matise TC, McKenzie CA, McKnight B, Musk AW, Möhlenkamp S, Morris AD, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Palmer LJ, Penninx BW, Peters A, Pramstaller PP, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ridker PM, Ritchie MD, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schwarz PE, Shuldiner AR, Staessen JA, Steinthorsdottir V, Stolk RP, Strauch K, Tönjes A, Tremblay A, Tremoli E, Vohl MC, Völker U, Vollenweider P, Wilson JF, Witteman JC, Adair LS, Bochud M, Boehm BO, Bornstein SR, Bouchard C, Cauchi S, Caulfield MJ, Chambers JC, Chasman DI, Cooper RS, Dedoussis G, Ferrucci L, Froguel P, Grabe HJ, Hamsten A, Hui J, Hveem K, Jöckel KH, Kivimäki M, Kuh D, Laakso M, Liu Y, März W, Munroe PB, Njølstad I, Oostra BA, Palmer CN, Pedersen NL, Perola M, Pérusse L, Peters U, Power C, Quertermous T, Rauramaa R, Rivadeneira F, Saaristo TE, Saleheen D, Sinisalo J, Slagboom PE, Snieder H, Spector TD, Stefansson K, Stumvoll M, Tuomilehto J, Uitterlinden AG, Uusitupa M, van der Harst P, Veronesi G, Walker M, Wareham NJ, Watkins H, Wichmann HE, Abecasis GR, Assimes TL, Berndt SI, Boehnke M, Borecki IB, Deloukas P, Franke L, Frayling TM, Groop LC, Hunter DJ, Kaplan RC, O'Connell JR, Qi L, Schlessinger D, Strachan DP, Thorsteinsdottir U, van Duijn CM, Willer CJ, Visscher PM, Yang J, Hirschhorn JN, Zillikens MC, McCarthy MI, Speliotes EK, North KE, Fox CS, Barroso I, Franks PW, Ingelsson E, Heid IM, Loos RJ, Cupples LA, Morris AP, Lindgren CM and Mohlke KL. New genetic loci link adipose and insulin biology to body fat distribution. *Nature*. 2015;518:187-196.
9. Nelson CP, Hamby SE, Saleheen D, Hopewell JC, Zeng L, Assimes TL, Kanoni S, Willenborg C, Burgess S, Amouyel P, Anand S, Blankenberg S, Boehm BO, Clarke RJ, Collins R, Dedoussis G, Farrall M, Franks PW, Groop L, Hall AS, Hamsten A, Hengstenberg C, Hovingh GK, Ingelsson E, Kathiresan S, Kee F, König IR, Kooner J, Lehtimäki T, März W, McPherson R, Metspalu A, Nieminen MS, O'Donnell CJ, Palmer CN, Peters A, Perola M, Reilly MP, Ripatti S, Roberts R, Salomaa V, Shah SH, Schreiber S, Siegbahn A, Thorsteinsdottir U, Veronesi G, Wareham N, Willer CJ, Zalloua PA, Erdmann J, Deloukas P, Watkins H, Schunkert H, Danesh J, Thompson JR and Samani NJ. Genetically determined height and coronary artery disease. *N Engl J Med*. 2015;372:1608-18.
 10. Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, Powell C, Vedantam S, Buchkovich ML, Yang J, Croteau-Chonka DC, Esko T, Fall T, Ferreira T, Gustafsson S, Kutalik Z, Luan J, Mägi R, Randall JC, Winkler TW, Wood AR, Workalemahu T, Faul JD,

Smith JA, Zhao JH, Zhao W, Chen J, Fehrmann R, Hedman Å K, Karjalainen J, Schmidt EM, Absher D, Amin N, Anderson D, Beekman M, Bolton JL, Bragg-Gresham JL, Buyske S, Demirkan A, Deng G, Ehret GB, Feenstra B, Feitosa MF, Fischer K, Goel A, Gong J, Jackson AU, Kanoni S, Kleber ME, Kristiansson K, Lim U, Lotay V, Mangino M, Leach IM, Medina-Gomez C, Medland SE, Nalls MA, Palmer CD, Pasko D, Pechlivanis S, Peters MJ, Prokopenko I, Shungin D, Stančáková A, Strawbridge RJ, Sung YJ, Tanaka T, Teumer A, Trompet S, van der Laan SW, van Setten J, Van Vliet-Ostaptchouk JV, Wang Z, Yengo L, Zhang W, Isaacs A, Albrecht E, Ärnlöv J, Arscott GM, Attwood AP, Bandinelli S, Barrett A, Bas IN, Bellis C, Bennett AJ, Berne C, Blagieva R, Blüher M, Böhringer S, Bonycastle LL, Böttcher Y, Boyd HA, Bruinenberg M, Caspersen IH, Chen YI, Clarke R, Daw EW, de Craen AJM, Delgado G, Dimitriou M, Doney ASF, Eklund N, Estrada K, Eury E, Folkersen L, Fraser RM, Garcia ME, Geller F, Giedraitis V, Gigante B, Go AS, Golay A, Goodall AH, Gordon SD, Gorski M, Grabe HJ, Grallert H, Grammer TB, Gräßler J, Grönberg H, Groves CJ, Gusto G, Haessler J, Hall P, Haller T, Hallmans G, Hartman CA, Hassinen M, Hayward C, Heard-Costa NL, Helmer Q, Hengstenberg C, Holmen O, Hottenga JJ, James AL, Jeff JM, Johansson Å, Jolley J, Juliusdottir T, Kinnunen L, Koenig W, Koskenvuo M, Kratzer W, Laitinen J, Lamina C, Leander K, Lee NR, Lichtner P, Lind L, Lindström J, Lo KS, Lobbens S, Lorbeer R, Lu Y, Mach F, Magnusson PKE, Mahajan A, McArdle WL, McLachlan S, Menni C, Merger S, Mihailov E, Milani L, Moayyeri A, Monda KL, Morken MA, Mulas A, Müller G, Müller-Nurasyid M, Musk AW, Nagaraja R, Nöthen MM, Nolte IM, Pilz S, Rayner NW, Renstrom F, Rettig R, Ried JS, Ripke S, Robertson NR, Rose LM, Sanna S, Scharnagl H, Scholtens S, Schumacher FR, Scott WR, Seufferlein T, Shi J, Smith AV, Smolonska J, Stanton AV, Steinthorsdottir V, Stirrups K, Stringham HM, Sundström J, Swertz MA, Swift AJ, Syvänen AC, Tan ST, Tayo BO, Thorand B, Thorleifsson G, Tyrer JP, Uh HW, Vandenput L, Verhulst FC, Vermeulen SH, Verweij N, Vonk JM, Waite LL, Warren HR, Waterworth D, Weedon MN, Wilkens LR, Willenborg C, Wilsgaard T, Wojczynski MK, Wong A, Wright AF, Zhang Q, Brennan EP, Choi M, Dastani Z, Drong AW, Eriksson P, Franco-Cereceda A, Gådin JR, Gharavi AG, Goddard ME, Handsaker RE, Huang J, Karpe F, Kathiresan S, Keildson S, Kiryluk K, Kubo M, Lee JY, Liang L, Lifton RP, Ma B, McCarroll SA, McKnight AJ, Min JL, Moffatt MF, Montgomery GW, Murabito JM, Nicholson G, Nyholt DR, Okada Y, Perry JRB, Dorajoo R, Reinmaa E, Salem RM, Sandholm N, Scott RA, Stolk L, Takahashi A, Tanaka T, van 't Hooft FM, Vinkhuyzen AAE, Westra HJ, Zheng W, Zondervan KT, Heath AC, Arveiler D, Bakker SJL, Beilby J, Bergman RN, Blangero J, Bovet P, Campbell H, Caulfield MJ, Cesana G, Chakravarti A, Chasman DI, Chines PS, Collins FS, Crawford DC, Cupples LA, Cusi D, Danesh J, de Faire U, den Ruijter HM, Dominiczak AF, Erbel R, Erdmann J, Eriksson JG, Farrall M, Felix SB, Ferrannini E, Ferrières J, Ford I, Forouhi NG, Forrester T, Franco OH, Gansevoort RT, Gejman PV, Gieger C, Gottesman O, Gudnason V, Gyllensten U, Hall AS, Harris TB, Hattersley AT, Hicks AA, Hindorff LA, Hingorani AD, Hofman A, Homuth G, Hovingh GK, Humphries SE, Hunt SC, Hyppönen E, Illig T, Jacobs KB, Jarvelin MR, Jöckel KH, Johansen B, Jousilahti P, Jukema JW, Jula AM, Kaprio J, Kastelein JJP, Keinanen-Kiukaanniemi SM, Kiemenev LA, Knekt P, Kooner JS, Kooperberg C, Kovacs P, Kraja AT, Kumari M, Kuusisto J, Lakka TA, Langenberg C, Marchand LL, Lehtimäki T, Lysenko V, Männistö S, Marette A, Matise TC, McKenzie CA, McKnight B, Moll FL, Morris AD, Morris AP, Murray JC, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Madden PAF, Pasterkamp G, Peden JF, Peters A, Postma DS, Pramstaller PP, Price JF, Qi L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ridker PM, Rioux JD, Ritchie MD, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schunkert H, Schwarz PEH, Sever P, Shuldiner AR, Sinisalo J, Stolk RP, Strauch K, Tönjes A, Trégouët DA, Tremblay A, Tremoli E,

- Virtamo J, Vohl MC, Völker U, Waeber G, Willemsen G, Witteman JC, Zillikens MC, Adair LS, Amouyel P, Asselbergs FW, Assimes TL, Bochud M, Boehm BO, Boerwinkle E, Bornstein SR, Bottinger EP, Bouchard C, Cauchi S, Chambers JC, Chanock SJ, Cooper RS, de Bakker PIW, Dedoussis G, Ferrucci L, Franks PW, Froguel P, Groop LC, Haiman CA, Hamsten A, Hui J, Hunter DJ, Hveem K, Kaplan RC, Kivimaki M, Kuh D, Laakso M, Liu Y, Martin NG, März W, Melbye M, Metspalu A, Moebus S, Munroe PB, Njølstad I, Oostra BA, Palmer CNA, Pedersen NL, Perola M, Pérusse L, Peters U, Power C, Quertermous T, Rauramaa R, Rivadeneira F, Saaristo TE, Saleheen D, Sattar N, Schadt EE, Schlessinger D, Slagboom PE, Snieder H, Spector TD, Thorsteinsdottir U, Stumvoll M, Tuomilehto J, Uitterlinden AG, Uusitupa M, van der Harst P, Walker M, Wallaschofski H, Wareham NJ, Watkins H, Weir DR, Wichmann HE, Wilson JF, Zanen P, Borecki IB, Deloukas P, Fox CS, Heid IM, O'Connell JR, Strachan DP, Stefansson K, van Duijn CM, Abecasis GR, Franke L, Frayling TM, McCarthy MI, Visscher PM, Scherag A, Willer CJ, Boehnke M, Mohlke KL, Lindgren CM, Beckmann JS, Barroso I, North KE, Ingelsson E, Hirschhorn JN, Loos RJF and Speliotes EK. Genetic studies of body mass index yield new insights for obesity biology. *Nature*. 2015;518:197-206.
11. Kaess BM, Preis SR, Lieb W, Beiser AS, Yang Q, Chen TC, Hengstenberg C, Erdmann J, Schunkert H, Seshadri S, Vasan RS, Assimes TL, Deloukas P, Holm H, Kathiresan S, König IR, McPherson R, Reilly MP, Roberts R, Samani NJ and Stewart AF. Circulating brain-derived neurotrophic factor concentrations and the risk of cardiovascular disease in the community. *J Am Heart Assoc*. 2015;4:e001544.
 12. Holmes MV, Exeter HJ, Folkersen L, Nelson CP, Guardiola M, Cooper JA, Sofat R, Boekholdt SM, Khaw KT, Li KW, Smith AJ, Van't Hooft F, Eriksson P, Franco-Cereceda A, Asselbergs FW, Boer JM, Onland-Moret NC, Hofker M, Erdmann J, Kivimaki M, Kumari M, Reiner AP, Keating BJ, Humphries SE, Hingorani AD, Mallat Z, Samani NJ and Talmud PJ. Novel genetic approach to investigate the role of plasma secretory phospholipase A2 (sPLA2)-V isoenzyme in coronary heart disease: modified Mendelian randomization analysis using PLA2G5 expression levels. *Circ Cardiovasc Genet*. 2014;7:144-50.
 13. Sabater-Lleal M, Huang J, Chasman D, Naitza S, Dehghan A, Johnson AD, Teumer A, Reiner AP, Folkersen L, Basu S, Rudnicka AR, Trompet S, Mälarstig A, Baumert J, Bis JC, Guo X, Hottenga JJ, Shin SY, Lopez LM, Lahti J, Tanaka T, Yanek LR, Oudot-Mellakh T, Wilson JF, Navarro P, Huffman JE, Zemunik T, Redline S, Mehra R, Pulanic D, Rudan I, Wright AF, Kolcic I, Polasek O, Wild SH, Campbell H, Curb JD, Wallace R, Liu S, Eaton CB, Becker DM, Becker LC, Bandinelli S, Rääkkönen K, Widen E, Palotie A, Fornage M, Green D, Gross M, Davies G, Harris SE, Liewald DC, Starr JM, Williams FM, Grant PJ, Spector TD, Strawbridge RJ, Silveira A, Sennblad B, Rivadeneira F, Uitterlinden AG, Franco OH, Hofman A, van Dongen J, Willemsen G, Boomsma DI, Yao J, Swords Jenny N, Haritunians T, McKnight B, Lumley T, Taylor KD, Rotter JI, Psaty BM, Peters A, Gieger C, Illig T, Grotevendt A, Homuth G, Völzke H, Kocher T, Goel A, Franzosi MG, Seedorf U, Clarke R, Steri M, Tarasov KV, Sanna S, Schlessinger D, Stott DJ, Sattar N, Buckley BM, Rumley A, Lowe GD, McArdle WL, Chen MH, Tofler GH, Song J, Boerwinkle E, Folsom AR, Rose LM, Franco-Cereceda A, Teichert M, Ikram MA, Mosley TH, Bevan S, Dichgans M, Rothwell PM, Sudlow CL, Hopewell JC, Chambers JC, Saleheen D, Kooner JS, Danesh J, Nelson CP, Erdmann J, Reilly MP, Kathiresan S, Schunkert H, Morange PE, Ferrucci L, Eriksson JG, Jacobs D, Deary IJ, Soranzo N, Witteman JC, de Geus EJ, Tracy RP, Hayward C, Koenig W, Cucca F, Jukema JW, Eriksson P, Seshadri S, Markus HS, Watkins H, Samani NJ, Wallaschofski H, Smith NL, Tregouet D, Ridker PM, Tang W, Strachan DP, Hamsten A and O'Donnell CJ. Multiethnic meta-analysis of genome-wide association

- studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. *Circulation*. 2013;128:1310-24.
14. Lieb W, Jansen H, Loley C, Pencina MJ, Nelson CP, Newton-Cheh C, Kathiresan S, Reilly MP, Assimes TL, Boerwinkle E, Hall AS, Hengstenberg C, Laaksonen R, McPherson R, Thorsteinsdottir U, Ziegler A, Peters A, Thompson JR, König IR, Erdmann J, Samani NJ, Vasan RS and Schunkert H. Genetic predisposition to higher blood pressure increases coronary artery disease risk. *Hypertension*. 2013;61:995-1001.
 15. Erdmann J, Stark K, Esslinger UB, Rumpf PM, Koesling D, de Wit C, Kaiser FJ, Braunholz D, Medack A, Fischer M, Zimmermann ME, Tennstedt S, Graf E, Eck S, Aherrahrou Z, Nahrstaedt J, Willenborg C, Bruse P, Brænne I, Nöthen MM, Hofmann P, Braund PS, Mergia E, Reinhard W, Burgdorf C, Schreiber S, Balmforth AJ, Hall AS, Bertram L, Steinhagen-Thiessen E, Li SC, März W, Reilly M, Kathiresan S, McPherson R, Walter U, Ott J, Samani NJ, Strom TM, Meitinger T, Hengstenberg C and Schunkert H. Dysfunctional nitric oxide signalling increases risk of myocardial infarction. *Nature*. 2013;504:432-6.
 16. Dastani Z, Johnson T, Kronenberg F, Nelson CP, Assimes TL, März W and Richards JB. The shared allelic architecture of adiponectin levels and coronary artery disease. *Atherosclerosis*. 2013;229:145-8.
 17. Ho JE, Chen WY, Chen MH, Larson MG, McCabe EL, Cheng S, Ghorbani A, Coglianese E, Emilsson V, Johnson AD, Walter S, Franceschini N, O'Donnell CJ; CARDIoGRAM Consortium; CHARGE Inflammation Working Group; Dehghan A, Lu C, Levy D, Newton-Cheh C; CHARGE Heart Failure Working Group; Lin H, Felix JF, Schreiter ER, Vasan RS, Januzzi JL, Lee RT, Wang TJ. Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. *J Clin Invest*. 2013 Oct;123(10):4208-18.
 18. Okada Y, Sim X, Go MJ, Wu JY, Gu D, Takeuchi F, Takahashi A, Maeda S, Tsunoda T, Chen P, Lim SC, Wong TY, Liu J, Young TL, Aung T, Seielstad M, Teo YY, Kim YJ, Lee JY, Han BG, Kang D, Chen CH, Tsai FJ, Chang LC, Fann SJ, Mei H, Rao DC, Hixson JE, Chen S, Katsuya T, Isono M, Ogihara T, Chambers JC, Zhang W, Kooner JS, Albrecht E, Yamamoto K, Kubo M, Nakamura Y, Kamatani N, Kato N, He J, Chen YT, Cho YS, Tai ES and Tanaka T. Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. *Nat Genet*. 2012;44:904-9.
 19. Lu X, Wang L, Chen S, He L, Yang X, Shi Y, Cheng J, Zhang L, Gu CC, Huang J, Wu T, Ma Y, Li J, Cao J, Chen J, Ge D, Fan Z, Li Y, Zhao L, Li H, Zhou X, Chen L, Liu D, Chen J, Duan X, Hao Y, Wang L, Lu F, Liu Z, Yao C, Shen C, Pu X, Yu L, Fang X, Xu L, Mu J, Wu X, Zheng R, Wu N, Zhao Q, Li Y, Liu X, Wang M, Yu D, Hu D, Ji X, Guo D, Sun D, Wang Q, Yang Y, Liu F, Mao Q, Liang X, Ji J, Chen P, Mo X, Li D, Chai G, Tang Y, Li X, Du Z, Liu X, Dou C, Yang Z, Meng Q, Wang D, Wang R, Yang J, Schunkert H, Samani NJ, Kathiresan S, Reilly MP, Erdmann J, Peng X, Wu X, Liu D, Yang Y, Chen R, Qiang B and Gu D. Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. *Nat Genet*. 2012;44:890-4.
 20. Demirkan A, van Duijn CM, Ugocsai P, Isaacs A, Pramstaller PP, Liebisch G, Wilson JF, Johansson Å, Rudan I, Aulchenko YS, Kirichenko AV, Janssens AC, Jansen RC, Gnewuch C, Domingues FS, Pattaro C, Wild SH, Jonasson I, Polasek O, Zorkoltseva IV, Hofman A, Karssen LC, Struchalin M, Floyd J, Igl W, Biloglav Z, Broer L, Pfeufer A, Pichler I, Campbell S, Zaboli G, Kolcic I, Rivadeneira F, Huffman J, Hastie ND, Uitterlinden A,

- Franke L, Franklin CS, Vitart V, Nelson CP, Preuss M, Bis JC, O'Donnell CJ, Franceschini N, Witteman JC, Axenovich T, Oostra BA, Meitinger T, Hicks AA, Hayward C, Wright AF, Gyllensten U, Campbell H and Schmitz G. Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. *PLoS Genet.* 2012;8:e1002490.
21. Wain LV, Verwoert GC, O'Reilly PF, Shi G, Johnson T, Johnson AD, Bochud M, Rice KM, Henneman P, Smith AV, Ehret GB, Amin N, Larson MG, Mooser V, Hadley D, Dörr M, Bis JC, Aspelund T, Esko T, Janssens AC, Zhao JH, Heath S, Laan M, Fu J, Pistis G, Luan J, Arora P, Lucas G, Pirastu N, Pichler I, Jackson AU, Webster RJ, Zhang F, Peden JF, Schmidt H, Tanaka T, Campbell H, Igl W, Milaneschi Y, Hottenga JJ, Vitart V, Chasman DI, Trompet S, Bragg-Gresham JL, Alizadeh BZ, Chambers JC, Guo X, Lehtimäki T, Kühnel B, Lopez LM, Polašek O, Boban M, Nelson CP, Morrison AC, Pihur V, Ganesh SK, Hofman A, Kundu S, Mattace-Raso FU, Rivadeneira F, Sijbrands EJ, Uitterlinden AG, Hwang SJ, Vasan RS, Wang TJ, Bergmann S, Vollenweider P, Waeber G, Laitinen J, Pouta A, Zitting P, McArdle WL, Kroemer HK, Völker U, Völzke H, Glazer NL, Taylor KD, Harris TB, Alavere H, Haller T, Keis A, Tammesoo ML, Aulchenko Y, Barroso I, Khaw KT, Galan P, Hercberg S, Lathrop M, Eyheramendy S, Org E, Söber S, Lu X, Nolte IM, Penninx BW, Corre T, Masciullo C, Sala C, Groop L, Voight BF, Melander O, O'Donnell CJ, Salomaa V, d'Adamo AP, Fabretto A, Faletta F, Ulivi S, Del Greco F, Facheris M, Collins FS, Bergman RN, Beilby JP, Hung J, Musk AW, Mangino M, Shin SY, Soranzo N, Watkins H, Goel A, Hamsten A, Gider P, Loitfelder M, Zeginigg M, Hernandez D, Najjar SS, Navarro P, Wild SH, Corsi AM, Singleton A, de Geus EJ, Willemsen G, Parker AN, Rose LM, Buckley B, Stott D, Orru M, Uda M, van der Klauw MM, Zhang W, Li X, Scott J, Chen YD, Burke GL, Kähönen M, Viikari J, Döring A, Meitinger T, Davies G, Starr JM, Emilsson V, Plump A, Lindeman JH, Hoen PA, König IR, Felix JF, Clarke R, Hopewell JC, Ongen H, Breteler M, Dobbins S, Destefano AL, Fornage M, Mitchell GF, Smith NL, Holm H, Stefansson K, Thorleifsson G, Thorsteinsdottir U, Samani NJ, Preuss M, Rudan I, Hayward C, Deary IJ, Wichmann HE, Raitakari OT, Palmas W, Kooner JS, Stolk RP, Jukema JW, Wright AF, Boomsma DI, Bandinelli S, Gyllensten UB, Wilson JF, Ferrucci L, Schmidt R, Farrall M, Spector TD, Palmer LJ, Tuomilehto J, Pfeufer A, Gasparini P, Siscovick D, Altshuler D, Loos RJ, Toniolo D, Snieder H, Gieger C, Meneton P, Wareham NJ, Oostra BA, Metspalu A, Launer L, Rettig R, Strachan DP, Beckmann JS, Witteman JC, Erdmann J, van Dijk KW, Boerwinkle E, Boehnke M, Ridker PM, Jarvelin MR, Chakravarti A, Abecasis GR, Gudnason V, Newton-Cheh C, Levy D, Munroe PB, Psaty BM, Caulfield MJ, Rao DC, Tobin MD, Elliott P and van Duijn CM. Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nat Genet.* 2011;43:1005-11.
22. Strawbridge RJ, Dupuis J, Prokopenko I, Barker A, Ahlqvist E, Rybin D, Petrie JR, Travers ME, Bouatia-Naji N, Dimas AS, Nica A, Wheeler E, Chen H, Voight BF, Taneera J, Kanoni S, Peden JF, Turrini F, Gustafsson S, Zabena C, Almgren P, Barker DJ, Barnes D, Dennison EM, Eriksson JG, Eriksson P, Eury E, Folkersen L, Fox CS, Frayling TM, Goel A, Gu HF, Horikoshi M, Isomaa B, Jackson AU, Jameson KA, Kajantie E, Kerr-Conte J, Kuulasmaa T, Kuusisto J, Loos RJ, Luan J, Makrilakis K, Manning AK, Martínez-Larrad MT, Narisu N, Nastase Mannila M, Ohrvik J, Osmond C, Pascoe L, Payne F, Sayer AA, Sennblad B, Silveira A, Stancáková A, Stirrups K, Swift AJ, Syvänen AC, Tuomi T, van 't Hooft FM, Walker M, Weedon MN, Xie W, Zethelius B, Ongen H, Mälarstig A, Hopewell JC, Saleheen D, Chambers J, Parish S, Danesh J, Kooner J, Ostenson CG, Lind L, Cooper CC, Serrano-Ríos M, Ferrannini E, Forsen TJ, Clarke R, Franzosi MG, Seedorf U, Watkins H, Froguel P, Johnson P, Deloukas P, Collins FS, Laakso M, Dermitzakis ET, Boehnke M,

- McCarthy MI, Wareham NJ, Groop L, Pattou F, Gloyn AL, Dedoussis GV, Lyssenko V, Meigs JB, Barroso I, Watanabe RM, Ingelsson E, Langenberg C, Hamsten A and Florez JC. Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*. 2011;60:2624-34.
23. Ehret GB, Munroe PB, Rice KM, Bochud M, Johnson AD, Chasman DI, Smith AV, Tobin MD, Verwoert GC, Hwang SJ, Pihur V, Vollenweider P, O'Reilly PF, Amin N, Bragg-Gresham JL, Teumer A, Glazer NL, Launer L, Zhao JH, Aulchenko Y, Heath S, Söber S, Parsa A, Luan J, Arora P, Dehghan A, Zhang F, Lucas G, Hicks AA, Jackson AU, Peden JF, Tanaka T, Wild SH, Rudan I, Igl W, Milaneschi Y, Parker AN, Fava C, Chambers JC, Fox ER, Kumari M, Go MJ, van der Harst P, Kao WH, Sjögren M, Vinay DG, Alexander M, Tabara Y, Shaw-Hawkins S, Whincup PH, Liu Y, Shi G, Kuusisto J, Tayo B, Seielstad M, Sim X, Nguyen KD, Lehtimäki T, Matullo G, Wu Y, Gaunt TR, Onland-Moret NC, Cooper MN, Platou CG, Org E, Hardy R, Dahgam S, Palmen J, Vitart V, Braund PS, Kuznetsova T, Uitterwaal CS, Adeyemo A, Palmas W, Campbell H, Ludwig B, Tomaszewski M, Tzoulaki I, Palmer ND, Aspelund T, Garcia M, Chang YP, O'Connell JR, Steinle NI, Grobbee DE, Arking DE, Kardina SL, Morrison AC, Hernandez D, Najjar S, McArdle WL, Hadley D, Brown MJ, Connell JM, Hingorani AD, Day IN, Lawlor DA, Beilby JP, Lawrence RW, Clarke R, Hopewell JC, Ongen H, Dreisbach AW, Li Y, Young JH, Bis JC, Kähönen M, Viikari J, Adair LS, Lee NR, Chen MH, Olden M, Pattaro C, Bolton JA, Köttgen A, Bergmann S, Mooser V, Chaturvedi N, Frayling TM, Islam M, Jafar TH, Erdmann J, Kulkarni SR, Bornstein SR, Grässler J, Groop L, Voight BF, Kettunen J, Howard P, Taylor A, Guarrera S, Ricceri F, Emilsson V, Plump A, Barroso I, Khaw KT, Weder AB, Hunt SC, Sun YV, Bergman RN, Collins FS, Bonnycastle LL, Scott LJ, Stringham HM, Peltonen L, Perola M, Vartiainen E, Brand SM, Staessen JA, Wang TJ, Burton PR, Soler Artigas M, Dong Y, Snieder H, Wang X, Zhu H, Lohman KK, Rudock ME, Heckbert SR, Smith NL, Wiggins KL, Doumatey A, Shriner D, Veldre G, Viigimaa M, Kinra S, Prabhakaran D, Tripathy V, Langefeld CD, Rosengren A, Thelle DS, Corsi AM, Singleton A, Forrester T, Hilton G, McKenzie CA, Salako T, Iwai N, Kita Y, Ogihara T, Ohkubo T, Okamura T, Ueshima H, Umemura S, Eyheramendy S, Meitinger T, Wichmann HE, Cho YS, Kim HL, Lee JY, Scott J, Sehmi JS, Zhang W, Hedblad B, Nilsson P, Smith GD, Wong A, Narisu N, Stančáková A, Raffel LJ, Yao J, Kathiresan S, O'Donnell CJ, Schwartz SM, Ikram MA, Longstreth WT, Jr., Mosley TH, Seshadri S, Shrine NR, Wain LV, Morken MA, Swift AJ, Laitinen J, Prokopenko I, Zitting P, Cooper JA, Humphries SE, Danesh J, Rasheed A, Goel A, Hamsten A, Watkins H, Bakker SJ, van Gilst WH, Janipalli CS, Mani KR, Yajnik CS, Hofman A, Mattace-Raso FU, Oostra BA, Demirkan A, Isaacs A, Rivadeneira F, Lakatta EG, Orru M, Scuteri A, Ala-Korpela M, Kangas AJ, Lyytikäinen LP, Soininen P, Tukiainen T, Würtz P, Ong RT, Dörr M, Kroemer HK, Völker U, Völzke H, Galan P, Hercberg S, Lathrop M, Zelenika D, Deloukas P, Mangino M, Spector TD, Zhai G, Meschia JF, Nalls MA, Sharma P, Terzic J, Kumar MV, Denniff M, Zukowska-Szczechowska E, Wagenknecht LE, Fowkes FG, Charchar FJ, Schwarz PE, Hayward C, Guo X, Rotimi C, Bots ML, Brand E, Samani NJ, Polasek O, Talmud PJ, Nyberg F, Kuh D, Laan M, Hveem K, Palmer LJ, van der Schouw YT, Casas JP, Mohlke KL, Vineis P, Raitakari O, Ganesh SK, Wong TY, Tai ES, Cooper RS, Laakso M, Rao DC, Harris TB, Morris RW, Dominiczak AF, Kivimäki M, Marmot MG, Miki T, Saleheen D, Chandak GR, Coresh J, Navis G, Salomaa V, Han BG, Zhu X, Kooner JS, Melander O, Ridker PM, Bandinelli S, Gyllenstein UB, Wright AF, Wilson JF, Ferrucci L, Farrall M, Tuomilehto J, Pramstaller PP, Elosua R, Soranzo N, Sijbrands EJ, Altshuler D, Loos RJ, Shuldiner AR, Gieger C, Meneton P, Uitterlinden

- AG, Wareham NJ, Gudnason V, Rotter JI, Rettig R, Uda M, Strachan DP, Witteman JC, Hartikainen AL, Beckmann JS, Boerwinkle E, Vasan RS, Boehnke M, Larson MG, Järvelin MR, Psaty BM, Abecasis GR, Chakravarti A, Elliott P, van Duijn CM, Newton-Cheh C, Levy D, Caulfield MJ and Johnson T. Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature*. 2011;478:103-9.
24. Suhre K, Shin SY, Petersen AK, Mohny RP, Meredith D, Wägele B, Altmaier E; CARDIoGRAM; Deloukas P, Erdmann J, Grundberg E, Hammond CJ, de Angelis MH, Kastenmüller G, Köttgen A, Kronenberg F, Mangino M, Meisinger C, Meitinger T, Mewes HW, Milburn MV, Prehn C, Raffler J, Ried JS, Römisch-Margl W, Samani NJ, Small KS, Wichmann HE, Zhai G, Illig T, Spector TD, Adamski J, Soranzo N, Gieger C. Human metabolic individuality in biomedical and pharmaceutical research. *Nature*. 2011 Aug 31;477(7362):54-60
25. Lucas G, Lluís-Ganella C, Subirana I, Sentí M, Willenborg C, Musameh MD, Schwartz SM, O'Donnell CJ, Melander O, Salomaa V, Elosua R; CARDIoGRAM Consortium. Post-genomic update on a classical candidate gene for coronary artery disease: ESR1. *Circ Cardiovasc Genet*. 2011 Dec;4(6):647-54
26. Herder C, Peeters W, Illig T, Baumert J, de Kleijn DP, Moll FL, Poschen U, Klopp N, Müller-Nurasyid M, Roden M, Preuss M; CARDIoGRAM Consortium; Karakas M, Meisinger C, Thorand B, Pasterkamp G, Koenig W, Assimes TL, Deloukas P, Erdmann J, Holm H, Kathiresan S, König IR, McPherson R, Reilly MP, Roberts R, Samani NJ, Schunkert H, Stewart AF. RANTES/CCL5 and risk for coronary events: results from the MONICA/KORA Augsburg case-cohort, Athero-Express and CARDIoGRAM studies. *PLoS One*. 2011;6(12):e25734.
27. Goodman SG, Huang W, Yan AT, Budaj A, Kennelly BM, Gore JM, Fox KA, Goldberg RJ, Anderson FA Jr; Expanded Global Registry of Acute Coronary Events (GRACE2) Investigators. The expanded Global Registry of Acute Coronary Events: baseline characteristics, management practices, and hospital outcomes of patients with acute coronary syndromes. *Am Heart J*. 2009 Aug;158(2):193-201.e1-5.