

List of publications

2021

Papers:

Weber T, Wassertheurer S, Hametner B, Mayer C, Moebus S, **Schramm S**, Roggenbuck U, Lehmann N, Joeckel KH, Erbel R (2021) Vascular Aging Independently Predicts All-Cause Mortality in the Heinz Nixdorf Recall Study. *Journal of Hypertension* 39, E66-E66.

Seddik AH, Schiener C, Ostwald DA, **Schramm S**, Huels J, Katsarava Z (2021) Social Impact of Prophylactic Migraine Treatments in Germany: A State-Transition and Open Cohort Approach. *Value in Health* 24, 1446-1453. <https://doi.org/10.1016/j.jval.2021.04.1281>. **Impact factor: 5.725**

Alkhalawi E, Orban E, **Schramm S**, Katsarava Z, Hoffmann B, Moebus S (2021) Residential traffic noise exposure and headaches: Results from the population-based heinz nixdorf recall study. *Noise & Health* 23, 1-10. DOI: 10.4103/nah.NAH_1_20. **Impact factor: 0.867**

Gronewold J, Jokisch M, **Schramm S**, Jockwitz C, Lehmann N, Moebus S, Joeckel K, Erbel R, Caspers S, Hermann D (2021) Association of blood pressure, its treatment and treatment efficacy with white matter lesions in the 1000BRAINS study. *European Journal of Neurology* 28, 168-168. <https://doi.org/10.1161/HYPERTENSIONAHA.121.18135>. **Impact factor: 6.089**

Schramm S, Jokisch M, Jockel KH, Herring A, Keyvani K (2021) Is kallikrein-8 a blood biomarker for detecting amnesic mild cognitive impairment? Results of the population-based Heinz Nixdorf Recall study. *Alzheimers Res Ther* 13, 202. <https://doi.org/10.1186/s13195-021-00945-x>. **Impact factor: 6.982**

Cainzos-Achirica M, Quispe R, Dudum R, Greenland P, Lloyd-Jones D, Rana JS, Lima JAC, Doria de Vasconcellos H, Joshi PH, Khera A, Ayers C, Erbel R, Stang A, Jockel KH, Lehmann N, **Schramm S**, Schmidt B, Toth PP, Patel KV, Blaha MJ, Bittencourt M, Nasir K (2021) CAC for Risk Stratification Among Individuals With Hypertriglyceridemia Free of Clinical Atherosclerotic Cardiovascular Disease. *JACC Cardiovasc Imaging*. DOI: 10.1016/j.jcmg.2021.10.017. **Impact factor: 14.805**

Wolf K, Hoffmann B, Andersen ZJ, Atkinson RW, Bauwelinck M, Bellander T, Brandt J, Brunekreef B, Cesaroni G, Chen J, de Faire U, de Hoogh K, Fecht D, Forastiere F, Gulliver J, Hertel O, Hvidtfeldt UA, Janssen NAH, Jorgensen JT, Katsouyanni K, Ketzel M, Klomp maker JO, Lager A, Liu S, MacDonald CJ, Magnusson PKE, Mehta AJ, Nagel G, Oftedal B, Pedersen NL, Pershagen G, Raaschou-Nielsen O, Renzi M, Rizzuto D, Rodopoulou S, Samoli E, van der Schouw YT, **Schramm S**, Schwarze P, Sigsgaard T, Sorensen M, Stafoggia M, Strak M, Tjonneland A, Verschuren WMM, Vienneau D, Weinmayr G, Hoek G, Peters A, Ljungman PLS (2021) Long-term exposure to low-level ambient air pollution and incidence of stroke and coronary heart disease: a pooled analysis of six European cohorts within the ELAPSE project. *Lancet Planet Health* 5, e620-e632. [https://doi.org/10.1016/S2542-5196\(21\)00195-9](https://doi.org/10.1016/S2542-5196(21)00195-9). **Impact factor: 19.173**

Strak M, Weinmayr G, Rodopoulou S, Chen J, de Hoogh K, Andersen ZJ, Atkinson R, Bauwelinck M, Bekkevold T, Bellander T, Boutron-Ruault MC, Brandt J, Cesaroni G, Concin H, Fecht D, Forastiere F, Gulliver J, Hertel O, Hoffmann B, Hvidtfeldt UA, Janssen NAH, Jockel KH, Jorgensen JT, Ketzel M, Klomp maker JO, Lager A, Leander K, Liu S, Ljungman P, Magnusson PKE, Mehta AJ, Nagel G, Oftedal B, Pershagen G, Peters A, Raaschou-Nielsen O, Renzi M, Rizzuto D, van der Schouw YT, **Schramm S**, Severi G, Sigsgaard T, Sorensen M, Stafoggia M, Tjonneland A, Verschuren WMM, Vienneau D, Wolf K, Katsouyanni K, Brunekreef B, Hoek G, Samoli E (2021) Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. *BMJ* 374, n1904. doi: <https://doi.org/10.1136/bmj.n1904>. **Impact factor: 39.89**

Gronewold J, Jokisch M, **Schramm S**, Jockwitz C, Miller T, Lehmann N, Moebus S, Jockel KH, Erbel R, Caspers S, Hermann DM, Heinz Nixdorf Recall Study Investigative G (2021) Association of Blood Pressure, Its Treatment, and Treatment Efficacy With Volume of White Matter Hyperintensities in the

Population-Based 1000BRAINS Study. Hypertension 78, 1490-1501. DOI: 10.1161/HYPERTENSIONAHA.121.18135. **Impact factor: 10.19**

Lucht S, Glaubitz L, Moebus S, **Schramm S**, Jockwitz C, Caspers S, Hoffmann B (2021) Long-term air pollution, noise, and structural measures of the Default Mode Network in the brain: Results from the 1000BRAINS cohort. Int J Hyg Environ Health 239, 113867. DOI: 10.1016/j.ijheh.2021.113867. **Impact factor: 5.840**

Frank M, Hensel J, Baak L, **Schramm S**, Dragano N, Weimar C, Hoffmann P, Nothen MM, Erbel R, Jockel KH, Jokisch M, Schmidt B (2021) Interaction of Alzheimer's Disease-Associated Genetic Risk with Indicators of Socioeconomic Position on Mild Cognitive Impairment in the Heinz Nixdorf Recall Study. J Alzheimers Dis 82, 1715-1725. DOI: 10.3233/JAD-210244. **Impact factor: 4.472**

Collaboration NCDRF. Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. Lancet (London, England). 2021;398(10304):957-80. [https://doi.org/10.1016/S0140-6736\(21\)01330-1](https://doi.org/10.1016/S0140-6736(21)01330-1). **Impact factor: 79.321**

Herring A, Kurapati NK, Krebs S, Grammon N, Scholz LM, Voss G, Miah MR, Budny V, Mairinger F, Haase K, Teuber-Hanselmann S, Dobersalske C, **Schramm S**, Jockel KH, Munster Y, Keyvani K (2021) Genetic knockdown of Klk8 has sex-specific multi-targeted therapeutic effects on Alzheimer's pathology in mice. Neuropathol Appl Neurobiol 47, 611-624. DOI: 10.1111/nan.12687. **Impact factor: 8.09**

Kowall B, Lehnich AT, **Schramm S**, Schmidt B, Erbel R, Jockel KH, Stang A (2021) Family aggregation of sleep characteristics: Results of the Heinz Nixdorf Recall and the Multi-Generation Study. PLoS One 16, e0252828. doi: 10.1371/journal.pone.0252828. **Impact factor: 3.240**

Chen J, Rodopoulou S, de Hoogh K, Strak M, Andersen ZJ, Atkinson R, Bauwelinck M, Bellander T, Brandt J, Cesaroni G, Concin H, Fecht D, Forastiere F, Gulliver J, Hertel O, Hoffmann B, Hvidtfeldt UA, Janssen NAH, Jockel KH, Jorgensen J, Katsouyanni K, Ketzel M, Klompaker JO, Lager A, Leander K, Liu S, Ljungman P, MacDonald CJ, Magnusson PKE, Mehta A, Nagel G, Oftedal B, Pershagen G, Peters A, Raaschou-Nielsen O, Renzi M, Rizzuto D, Samoli E, van der Schouw YT, **Schramm S**, Schwarze P, Sigsgaard T, Sorensen M, Stafoggia M, Tjonneland A, Vienneau D, Weinmayr G, Wolf K, Brunekreef B, Hoek G (2021) Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality-a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. Environ Health Perspect 129, 47009. <https://doi.org/10.1289/EHP8368>. **Impact factor: 9.031**

Schramm S, Schliephake L, Himpfen H, Caspers S, Erbel R, Jockel KH, Moebus S (2021) Vitamin D and white matter hyperintensities: results of the population-based Heinz Nixdorf Recall Study and 1000BRAINS. Eur J Neurol 28, 1849-1858. DOI: 10.1111/ene.14810. **Impact factor: 6.089**

Krist L, Dornquast C, Reinhold T, Becher H, Jockel KH, Schmidt B, **Schramm S**, Icke K, Danquah I, Willich SN, Keil T, Brand T (2021) Association of Acculturation Status with Longitudinal Changes in Health-Related Quality of Life-Results from a Cohort Study of Adults with Turkish Origin in Germany. Int J Environ Res Public Health 18. <https://doi.org/10.3390/ijerph18062827>. **Impact factor: 3.390**

Collaboration NCDRF. Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. Elife. 2021;10. <https://doi.org/10.7554/eLife.60060>. **Impact factor: 8.140**

Schramm S, Tenhagen I, Schmidt B, Holle-Lee D, Naegel S, Katsarava Z, Jockel KH, Moebus S (2021) Prevalence and risk factors of migraine and non-migraine headache in older people - results of the Heinz Nixdorf Recall study. Cephalalgia 41, 649-664. <https://doi.org/10.1177/0333102420977183>. **Impact factor: 5.536**

2020

Papers:

Schramm S, Tenhagen I, Schmidt B, Holle-Lee D, Naegel S, Katsarava Z, et al. Prevalence and risk factors of migraine and non-migraine headache in older people - results of the Heinz Nixdorf Recall study. *Cephalalgia : an international journal of headache*. 2021;41(6):649-64. <https://doi.org/10.1177/0333102420977183>. **Impact factor: 5.536**.

Collaboration NCDRF. Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. *Lancet (London, England)*. 2020;396(10261):1511-24. **Impact factor: 79.321**.

Engel M, Peternel M, Jöckel KH, **Schramm S**, Slomiany U, Moebus S. Sex-specific Longitudinal Comparison of CES-D and PHQ-9 Depression Scales. A Concordance Analysis using data from the population-based Heinz Nixdorf Recall Study. January 2020. DOI: 10.21203/rs.2.22423/v1.

Pelka O, Friedrich CM, Nensa F, Monninghoff C, Bloch L, Jockel KH, **Schramm S**, et al. Sociodemographic data and APOE-epsilon4 augmentation for MRI-based detection of amnesic mild cognitive impairment using deep learning systems. *PLoS One*. 2020;15(9):e0236868. **Impact factor: 3.240**.

Seddik AH, Branner JC, Ostwald DA, **Schramm S**, Bierbaum M, Katsarava Z. The socioeconomic burden of migraine: An evaluation of productivity losses due to migraine headaches based on a population study in Germany. *Cephalalgia*. 2020;40(14):1551-60. <https://doi.org/10.1177/0333102420944842>. **Impact factor: 6.292**.

Rodins V, Lucht S, Ohlwein S, Hennig F, Soppa V, Erbel R, ...**Schramm S**, ...et al. Long-term exposure to ambient source-specific particulate matter and its components and incidence of cardiovascular events - The Heinz Nixdorf Recall study. *Environ Int*. 2020;142:105854. <https://doi.org/10.1016/j.envint.2020.105854>. **Impact factor: 7.577**.

Collaboration NCDRF. Repositioning of the global epicentre of non-optimal cholesterol. *Nature*. 2020;582(7810):73-7. <https://doi.org/10.1038/s41586-020-2338-1>. **Impact factor: 49.962**.

Wiessner C, Keil T, Krist L, Zeeb H, Dragano N, Schmidt B, ...**Schramm S**, ...et al. [Persons with migration background in the German National Cohort (NAKO)-sociodemographic characteristics and comparisons with the German autochthonous population]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitschutz*. 2020;63(3):279-89. **Impact factor: 1.513**.

2019

Papers:

Schulz H, Ruppert AK, Zara F, Madia F, Iacomino M, ...**Schramm S**..., et al. No evidence for a BRD2 promoter hypermethylation in blood leukocytes of Europeans with juvenile myoclonic epilepsy. *Epilepsia*. 2019;60(5):e31-e6. doi: 10.1111/epi.14657. **Impact factor: 6.040**.

Presentations:

Schramm S, Holle-Lee D, Nägel S, Katsarava Z, Jöckel KH, Moebus S. Migräneprävalenz und Identifikation von Risikofaktoren für Migräne bei Menschen ab 65 Jahren - Ergebnisse der Heinz Nixdorf Recall Studie –. Gemeinsame Jahrestagung der DGMS und DGSM, Düsseldorf 2019.

Wagner CE, Moebus S, Jöckel KH, Katsarava Z, **Schramm S**. Ist Migräne mit Aura ein Risikofaktor für Schlaganfälle? - Ergebnisse der Heinz Nixdorf Recall Studie-. Jahrestagung der GMDS, Dortmund 2019.

2018

Papers:

Herrmann WJ, Weikert C, Bergmann M, Boeing H, Katzke VA, ...**Schramm S**..., et al. [Assessing incident cardiovascular and metabolic diseases in epidemiological cohort studies in Germany].

Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz. 2018;61(4):420-31.
<https://doi.org/10.1007/s00103-018-2712-4>. **Impact factor: 1.513.**

2017

Papers:

Henning V, Katsarava Z, Obermann M, Moebus S, **Schramm S**. Remission of chronic headache: Rates, potential predictors and the role of medication, follow-up results of the German Headache Consortium (GHC) Study. *Cephalalgia : an international journal of headache*. 2018;38(3):551-60.
<https://doi.org/10.1177/0333102417699180>. **Impact factor: 6.292.**

Schramm S, Lahner H, Jockel KH, Erbel R, Fuhrer D, Moebus S, et al. Impact of season and different vitamin D thresholds on prevalence of vitamin D deficiency in epidemiological cohorts-a note of caution. *Endocrine*. 2017;56(3):658-66. <https://doi.org/10.1007/s12020-017-1292-7>. **Impact factor: 3.633.**

Presentations:

Schramm S, Schliephake L, Caspers S, Erbel R, Jöckel KH, Moebus S. Vitamin D und Läsionen der weißen Substanz: Ergebnisse der Heinz Nixdorf Recall Studie und 1000BRAINS Studie. Gemeinsame Jahrestagung der DGEpi, DGMS und DGSMP, Lübeck 2017.

2016

Papers:

Schramm S, Uluduz D, Gouveia RG, Jensen R, Siva A, Uygunoglu U, et al. Headache service quality: evaluation of quality indicators in 14 specialist-care centres. *The journal of headache and pain*. 2016;17(1):111. <https://doi.org/10.1186/s10194-016-0707-9>. **Impact factor: 3.580.**

Posters:

Schramm S, Uluduz D, Gouveia RG, Jensen R, Siva A, Uygunoglu U, Gvantsa G, Maka M, Braschinsky M, Filatova E, Skorobogatykh K, Osipova V, Azimova J, Straube A, Eren OE, Martelletti P, De Angelis V, Negro A, Linde M, Hagen K, Radojicic A, Zidverc-Trajkovic J, Podgorac A, Paemeleire K, De Pue A, Lampl C, Steiner TJ, Katsarava Z. HOW TO MEASURE HEADACHE SERVICE QUALITY: EVALUATION OF QUALITY INDICATORS IN 14 EUROPEAN SPECIALIST-CARE CENTRES. EHMTIC 2016 Glasgow.

2015

Papers:

Schramm S, Moebus S, Lehmann N, Galli U, Obermann M, Bock E, et al. The association between stress and headache: A longitudinal population-based study. *Cephalalgia : an international journal of headache*. 2015;35(10):853-63. <https://doi.org/10.1177/0333102414563087>. **Impact factor: 6.052.**

Schramm S, Moebus S, Ozyurt Kugumcu M, Geisel MH, Obermann M, Yoon MS, et al. Use of aspirin combinations with caffeine and increasing headache frequency: a prospective population-based study. *Pain*. 2015;156(9):1747-54. <https://doi.org/10.1097/j.pain.000000000000239>. **Impact factor: 5.557.**

Katsarava Z, Gouveia RG, Jensen R, Gaul C, **Schramm S**, Schoppe A, et al. Evaluation of headache service quality indicators: pilot implementation in two specialist-care centres. *The journal of headache and pain*. 2015;16:537. **Impact factor: 3.497.**

Presentations:

Schramm S, Sutcliffe R, McDonald K, Jöckel KH, Erbel R, Führer-Sakel D, Moebus S, im Namen der Investigative Group der Heinz Nixdorf Recall Studie. Assoziation zwischen Stadtgrün und 25-Hydroxyvitamin D - Ergebnisse der Heinz Nixdorf Recall (HNR) Studie –. DGSMP 2015 Regensburg

Posters:

Schramm S, Moebus S, Oezyurt Kugumcu M, Geisel H, Obermann M, Yoon MS, Diener HC, Jöckel KH, Katsarava Z. Use of aspirin combinations with caffeine and increasing headache frequency: a prospective population-based study. IHS 2015 Valencia, Spain

Schramm S, Sutcliffe R, McDonald K, Jöckel KH, Erbel R, Führer-Sakel D, Moebus S, im Namen der Investigative Group der Heinz Nixdorf Recall Studie. Gibt es einen Zusammenhang zwischen Stadtgrün und 25-Hydroxyvitamin D? -Ergebnisse der Heinz Nixdorf Recall Studie-. GMDS 2015 Krefeld

2014

Presentations:

Schramm S, Moebus S, Lehmann N, Galli U, Obermann M, Bock E, Yoon MS, Diener HC, Katsarava Z. Association between stress and headache frequency. AAN 2014 Philadelphia

Posters:

Schramm S, Henning V, Katsarava Z, Moebus S. Risikofaktoren für die Persistenz chronischer Kopfschmerzen: eine longitudinale bevölkerungsbezogene Studie. DGEpi 2014 Ulm

Schramm S, Moebus S, Lehmann N, Galli U, Obermann M, Bock E, Yoon MS, Diener HC, Katsarava Z. Does More Stress Equal More Headaches? EHMTIC 2014 Copenhagen

2013

Papers:

Schramm S, Obermann M, Katsarava Z, Diener HC, Moebus S, Yoon MS. Epidemiological profiles of patients with chronic migraine and chronic tension-type headache. The journal of headache and pain. 2013;14:40. doi: 10.1186/1129-2377-14-40. **Impact factor: 3.281.**

Yoon MS, Manack A, **Schramm S**, Fritsche G, Obermann M, Diener HC, et al. Chronic migraine and chronic tension-type headache are associated with concomitant low back pain: results of the German Headache Consortium study. Pain. 2013;154(3):484-92. **Impact factor: 5.826.**

Presentations:

Schramm S, Lehmann N, Bock B, Katsarava Z, Moebus S. Association between stress intensity and headache frequency. DGSMP Marburg 17.-20.9.2013

Schramm S, Lahner H, Kälsch H, Möhlenkamp S, Erbel R, Führer D, Jöckel KH, Moebus S, im Namen der Investigative Group der Heinz Nixdorf Recall Studie. Schützt hohes 25-Hydroxyvitamin D vor kardialen Ereignissen oder Schlaganfällen?-Ergebnisse der Heinz Nixdorf Recall Studie- DGEpi Leipzig 24.-27.9.2013

2012

Presentations:

Schramm S, Lahner H, Erbel R, Jöckel KH, Moebus S. Geschlechtsspezifische Assoziation zwischen 25-Hydroxyvitamin D und koronarer Herzkrankheit. DG-Epi 26.-29. Sept 2012, Regensburg.

Schramm S, Lahner H, Jöckel KH, Moebus S. Auswirkung verschiedener nationaler und internationaler Grenzwerte zur Vitamin D-Unterversorgung in einer populationsbasierten Studie. DGSMP 12. - 14. Sept 2012, Essen.

Posters:

Schramm S, Yoon MS, Katsarava A, Obermann M, Fritsche G, Moebus S, Katsarava Z. Use of acute antimigraine medication and risk of development of chronic headache - results of the German Headache consortium (GHS) Study -. EHMTIC 20 – 23- Sept 2012, London.

Yoon MS, Manack A, Moebus S, **Schramm S**, Fritsche G, Obermann M, Santowski I, Diener HC, Katsarava Z. Chronic migraine and chronic tension-type headache are associated with concomitant low back pain: results of the German Headache Consortium (GHC) Study. 64th AAN Annual Meeting 21-28 Apr 2012, New Orleans.

2009

Papers:

Mazoochian F, Weber P, **Schramm S**, Utzschneider S, Fottner A, Jansson V. Minimally invasive total hip arthroplasty: a randomized controlled prospective trial. Arch Orthop Trauma Surg. 2009;129(12):1633-9. **Impact factor: 1.117.**