

Frauke Hennig

List of Publications by Year in descending order

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37
papers

2,354
citations

257450

24
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

3759
citing authors

#	ARTICLE	IF	CITATIONS
1	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. <i>BMJ</i> , The, 2014, 348, f7412-f7412.	6.0	481
2	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. <i>Environmental Health Perspectives</i> , 2014, 122, 919-925.	6.0	285
3	Long-term exposure to fine particulate matter and incidence of type 2 diabetes mellitus in a cohort study: effects of total and traffic-specific air pollution. <i>Environmental Health</i> , 2015, 14, 53.	4.0	152
4	Long-Term Air Pollution and Traffic Noise Exposures and Mild Cognitive Impairment in Older Adults: A Cross-Sectional Analysis of the Heinz Nixdorf Recall Study. <i>Environmental Health Perspectives</i> , 2016, 124, 1361-1368.	6.0	149
5	Two-way effect modifications of air pollution and air temperature on total natural and cardiovascular mortality in eight European urban areas. <i>Environment International</i> , 2018, 116, 186-196.	10.0	145
6	Are air pollution and traffic noise independently associated with atherosclerosis: the Heinz Nixdorf Recall Study. <i>European Heart Journal</i> , 2014, 35, 853-860.	2.2	121
7	Association between Source-Specific Particulate Matter Air Pollution and hs-CRP: Local Traffic and Industrial Emissions. <i>Environmental Health Perspectives</i> , 2014, 122, 703-710.	6.0	87
8	Associations of long-term exposure to air pollution and road traffic noise with cognitive function—An analysis of effect measure modification. <i>Environment International</i> , 2017, 103, 30-38.	10.0	76
9	Long-term Exposure to Particulate Matter Constituents and the Incidence of Coronary Events in 11 European Cohorts. <i>Epidemiology</i> , 2015, 26, 565-574.	2.7	68
10	Comparison of coronary artery calcification, carotid intima-media thickness and ankle-brachial index for predicting 10-year incident cardiovascular events in the general population. <i>European Heart Journal</i> , 2017, 38, 1815-1822.	2.2	68
11	Air Pollution and Atherosclerosis: A Cross-Sectional Analysis of Four European Cohort Studies in the ESCAPE Study. <i>Environmental Health Perspectives</i> , 2015, 123, 597-605.	6.0	66
12	Air Pollution and Glucose Metabolism: An Analysis in Non-Diabetic Participants of the Heinz Nixdorf Recall Study. <i>Environmental Health Perspectives</i> , 2018, 126, 047001.	6.0	56
13	Ultrafine and Fine Particle Number and Surface Area Concentrations and Daily Cause-Specific Mortality in the Ruhr Area, Germany, 2009–2014. <i>Environmental Health Perspectives</i> , 2018, 126, 027008.	6.0	54
14	Association of short-term ozone and temperature with sleep disordered breathing. <i>European Respiratory Journal</i> , 2015, 46, 1361-1369.	6.7	51
15	Air Quality, Stroke, and Coronary Events. <i>Deutsches Arzteblatt International</i> , 2015, 112, 195-201.	0.9	47
16	Long-term air pollution and traffic noise exposures and cognitive function: A cross-sectional analysis of the Heinz Nixdorf Recall study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 1057-1069.	2.3	43
17	Air pollution and diabetes-related biomarkers in non-diabetic adults: A pathway to impaired glucose metabolism?. <i>Environment International</i> , 2019, 124, 370-392.	10.0	38
18	Association of long-term exposure to local industry- and traffic-specific particulate matter with arterial blood pressure and incident hypertension. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 527-535.	4.3	35

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19	Long-term exposure to airborne particulate matter and NO ₂ and prevalent and incident metabolic syndrome – Results from the Heinz Nixdorf Recall Study. <i>Environment International</i> , 2018, 116, 74-82.	10.0	31
20	Respiratory Effects of Fine and Ultrafine Particles from Indoor Sources – A Randomized Sham-Controlled Exposure Study of Healthy Volunteers. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 6871-6889.	2.6	30
21	Comparison of Land-Use Regression Modeling with Dispersion and Chemistry Transport Modeling to Assign Air Pollution Concentrations within the Ruhr Area. <i>Atmosphere</i> , 2016, 7, 48.	2.3	30
22	Indoor and outdoor road traffic noise and incident diabetes mellitus: Results from a longitudinal German cohort study. <i>Environmental Epidemiology</i> , 2019, 3, e037.	3.0	29
23	Long-term exposure to ambient source-specific particulate matter and its components and incidence of cardiovascular events – The Heinz Nixdorf Recall study. <i>Environment International</i> , 2020, 142, 105854.	10.0	29
24	Exposure to ultrafine particles and respiratory hospitalisations in five European cities. <i>European Respiratory Journal</i> , 2016, 48, 674-682.	6.7	28
25	Arterial blood pressure responses to short-term exposure to fine and ultrafine particles from indoor sources – A randomized sham-controlled exposure study of healthy volunteers. <i>Environmental Research</i> , 2017, 158, 225-232.	7.5	24
26	All-source and source-specific air pollution and 10-year diabetes Incidence: Total effect and mediation analyses in the Heinz Nixdorf recall study. <i>Environment International</i> , 2020, 136, 105493.	10.0	24
27	Ankle-Brachial Index but Neither Intima Media Thickness Nor Coronary Artery Calcification is Associated With Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 433-442.	2.6	17
28	Effects of short-term exposure to fine and ultrafine particles from indoor sources on arterial stiffness – A randomized sham-controlled exposure study. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 1115-1132.	4.3	15
29	Investigation of air pollution and noise on progression of thoracic aortic calcification: results of the Heinz Nixdorf Recall Study. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 965-974.	1.8	14
30	Air Pollution and Progression of Atherosclerosis in Different Vessel Beds – Results from a Prospective Cohort Study in the Ruhr Area, Germany. <i>Environmental Health Perspectives</i> , 2020, 128, 107003.	6.0	14
31	Does temperature-confounding control influence the modifying effect of air temperature in ozone – mortality associations?. <i>Environmental Epidemiology</i> , 2018, 2, e008.	3.0	11
32	The role of depressive symptoms within the association of long-term exposure to indoor and outdoor traffic noise and cognitive function – Results from the Heinz Nixdorf Recall study. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 230, 113570.	4.3	11
33	Is long-term particulate matter and nitrogen dioxide air pollution associated with incident monoclonal gammopathy of undetermined significance (MGUS)? An analysis of the Heinz Nixdorf Recall study. <i>Environment International</i> , 2017, 108, 237-245.	10.0	8
34	Linkage and Association Analysis Identifies TRAF1 Influencing Common Carotid Intima – Media Thickness. <i>Stroke</i> , 2016, 47, 2904-2909.	2.0	7
35	Air Pollution and Polyclonal Elevation of Serum Free Light Chains: An Assessment of Adaptive Immune Responses in the Prospective Heinz Nixdorf Recall Study. <i>Environmental Health Perspectives</i> , 2021, 129, 27004.	6.0	2
36	OP X – 4 – Multipollutant models for assessing particle number concentration exposure and changes in glucose metabolism in the heinz nixdorf recall study. , 2018, , .		1

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37	OP IV "5" Long-term air pollution and incidence of the metabolic syndrome in the population-based heinz nixdorf recall study. , 2018, , .		0