

Kathrin Wolf

List of Publications by Year in descending order

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108
papers

7,478
citations

61857

43
h-index

56606

83
g-index

111
all docs

111
docs citations

111
times ranked

8269
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. <i>Lancet Planetary Health</i> , The, 2022, 6, e9-e18.	5.1	130
2	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. <i>British Journal of Cancer</i> , 2022, 126, 1499-1507.	2.9	12
3	Long-term Air Pollution Exposure and Pneumonia-related Mortality in a Large Pooled European Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1429-1439.	2.5	17
4	Mapping the time-varying spatial heterogeneity of temperature processes over the urban landscape of Augsburg, Germany. <i>Urban Climate</i> , 2022, 43, 101160.	2.4	4
5	Short-term effects of cold spells on plasma viscosity: Results from the KORA cohort study in Augsburg, Germany. <i>Environmental Pollution</i> , 2022, 302, 119071.	3.7	7
6	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. <i>Environmental Research</i> , 2022, 212, 113360.	3.7	7
7	Long-Term Exposure to Source-Specific Fine Particles and Mortalityâ€”A Pooled Analysis of 14 European Cohorts within the ELAPSE Project. <i>Environmental Science & Technology</i> , 2022, 56, 9277-9290.	4.6	11
8	Exposure to surrounding greenness and natural-cause and cause-specific mortality in the ELAPSE pooled cohort. <i>Environment International</i> , 2022, 166, 107341.	4.8	9
9	Assessment of the association of exposure to polycyclic aromatic hydrocarbons, oxidative stress, and inflammation: A cross-sectional study in Augsburg, Germany. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 244, 113993.	2.1	8
10	Long-term low-level ambient air pollution exposure and risk of lung cancer â€” A pooled analysis of 7 European cohorts. <i>Environment International</i> , 2021, 146, 106249.	4.8	79
11	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <i>Environment International</i> , 2021, 146, 106267.	4.8	50
12	Long-term exposure to air pollution, road traffic noise, residential greenness, and prevalent and incident metabolic syndrome: Results from the population-based KORA F4/FF4 cohort in Augsburg, Germany. <i>Environment International</i> , 2021, 147, 106364.	4.8	32
13	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. <i>Environmental Research</i> , 2021, 193, 110568.	3.7	32
14	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. <i>Environment International</i> , 2021, 147, 106371.	4.8	19
15	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortalityâ€”a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. <i>Environmental Health Perspectives</i> , 2021, 129, 47009.	2.8	53
16	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. <i>Lancet Planetary Health</i> , The, 2021, 5, e191-e199.	5.1	35
17	Association of persistent organic pollutants with sensorimotor neuropathy in participants with and without diabetes or prediabetes: Results from the population-based KORA FF4 study. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 235, 113752.	2.1	2
18	Long-term air pollution exposure and mortality due to dementia, Parkinsonâ€™s Disease and psychiatric disorders: the ELAPSE project. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0

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19	Long-term exposure to air pollution and liver cancer incidence in six European cohorts. <i>International Journal of Cancer</i> , 2021, 149, 1887-1897.	2.3	35
20	Association of Environmental Exposures and Socioeconomic Status with Presymptomatic Type 1 Diabetes Incidence in Children in Bavaria, Germany. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
21	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	2
22	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. <i>Lancet Planetary Health</i> , The, 2021, 5, e620-e632.	5.1	123
23	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <i>BMJ</i> , The, 2021, 374, n1904.	3.0	93
24	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. <i>Lancet Planetary Health</i> , The, 2021, 5, e39-e49.	5.1	40
25	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021, 57, 2003099.	3.1	36
26	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021, 57, 2003099.	3.1	40
27	Development of Europe-Wide Models for Particle Elemental Composition Using Supervised Linear Regression and Random Forest. <i>Environmental Science & Technology</i> , 2020, 54, 15698-15709.	4.6	43
28	Walkability and its association with prevalent and incident diabetes among adults in different regions of Germany: results of pooled data from five German cohorts. <i>BMC Endocrine Disorders</i> , 2020, 20, 7.	0.9	11
29	Hourly Exposure to Ultrafine Particle Metrics and the Onset of Myocardial Infarction in Augsburg, Germany. <i>Environmental Health Perspectives</i> , 2020, 128, 17003.	2.8	47
30	Walkability and its association with walking/cycling and body mass index among adults in different regions of Germany: a cross-sectional analysis of pooled data from five German cohorts. <i>BMJ Open</i> , 2020, 10, e033941.	0.8	3
31	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127013.	2.8	13
32	Statistical modelling of spatial patterns of the urban heat island intensity in the urban environment of Augsburg, Germany. <i>Urban Climate</i> , 2019, 29, 100491.	2.4	34
33	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. <i>Environment International</i> , 2019, 132, 104723.	4.8	58
34	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. <i>Environment International</i> , 2019, 130, 104934.	4.8	177
35	Persistent organic pollutants and the incidence of type 2 diabetes in the CARLA and KORA cohort studies. <i>Environment International</i> , 2019, 129, 221-228.	4.8	52
36	Temporal variations in the triggering of myocardial infarction by air temperature in Augsburg, Germany, 1987-2014. <i>European Heart Journal</i> , 2019, 40, 1600-1608.	1.0	89

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37	Impact of climate and population change on temperature-related mortality burden in Bavaria, Germany. Environmental Research Letters, 2019, 14, 124080.	2.2	14
38	How the Investigator Casework GO! Kit provides sensitive, fast and robust direct amplification of low copy number samples. Forensic Science International: Genetics Supplement Series, 2019, 7, 626-628.	0.1	3
39	Projection of Temperature-Related Myocardial Infarction in Augsburg, Germany. Deutsches Ärzteblatt International, 2019, 116, 521-527.	0.6	17
40	Spatial and temporal variation of sources contributing to quasi-ultrafine particulate matter PM0.36 in Augsburg, Germany. Science of the Total Environment, 2018, 631-632, 191-200.	3.9	4
41	C-reactive protein (CRP) and long-term air pollution with a focus on ultrafine particles. International Journal of Hygiene and Environmental Health, 2018, 221, 510-518.	2.1	45
42	OP X â€œ 1â€œ...Long-term exposure to ultrafine particles and type 2 diabetes prevalence in a longitudinal setting. , 2018, , .		0
43	OP X â€œ 5â€œ...Long-term exposure to air pollution and biomarkers of inflammation and insulin resistance in a longitudinal setting. , 2018, , .		1
44	Two-way effect modifications of air pollution and air temperature on total natural and cardiovascular mortality in eight European urban areas. Environment International, 2018, 116, 186-196.	4.8	145
45	OP X â€œ 3â€œ...C-reactive protein (crp) and long-term air pollution with a focus on ultrafine particles. , 2018, , .		0
46	Long-term Air Pollution Exposure, Genome-wide DNA Methylation and Lung Function in the LifeLines Cohort Study. Environmental Health Perspectives, 2018, 126, 027004.	2.8	71
47	Does temperature-confounding control influence the modifying effect of air temperature in ozoneâ€œmortality associations?. Environmental Epidemiology, 2018, 2, e008.	1.4	11
48	Long-term effects of air pollution on ankle-brachial index. Environment International, 2018, 118, 17-25.	4.8	17
49	Spatial PM2.5, NO2, O3 and BC models for Western Europe â€œ Evaluation of spatiotemporal stability. Environment International, 2018, 120, 81-92.	4.8	193
50	Air temperature characteristics of local climate zones in the Augsburg urban area (Bavaria, southern) Tj ETQq0 0 0 rBT /Overlock 10 Tf .	2.4	66
51	OP IV â€œ 2â€œ...Long-term effects of air pollution on ankle-brachial index. , 2018, , .		0
52	OP VII â€œ 2â€œ...Does temperature confounding control influence the modifying effect of air temperature in ozone-mortality associations?. , 2018, , .		0
53	Modification Effect of Temperature on the Association between Ultrafine Particles and Mortality in Eight European Urban Areas. ISEE Conference Abstracts, 2018, 2017, 567.	0.0	0
54	Long-Term Residential Exposure to Ultrafine Particles and C-Reactive Protein (CRP). ISEE Conference Abstracts, 2018, 2017, 363.	0.0	0

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73	Land-use regression modelling of ultrafine particles in Augsburg, Germany.. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
74	Relationship between Blood Concentrations of Persistent Organic Pollutants and Regional Difference in Risk of Type 2 Diabetes in Germany. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
75	Long-term Exposure to Particulate Matter Constituents and the Incidence of Coronary Events in 11 European Cohorts. Epidemiology, 2015, 26, 565-574.	1.2	68
76	Air Pollution from Road Traffic and Systemic Inflammation in Adults: A Cross-Sectional Analysis in the European ESCAPE Project. Environmental Health Perspectives, 2015, 123, 785-791.	2.8	71
77	Neighborhood and healthy aging in a German city: distances to green space and senior service centers and their associations with physical constitution, disability, and health-related quality of life. European Journal of Ageing, 2015, 12, 273-283.	1.2	32
78	Associations between short-term exposure to particulate matter and ultrafine particles and myocardial infarction in Augsburg, Germany. International Journal of Hygiene and Environmental Health, 2015, 218, 535-542.	2.1	47
79	Personal day-time exposure to ultrafine particles in different microenvironments. International Journal of Hygiene and Environmental Health, 2015, 218, 188-195.	2.1	28
80	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. Environmental Health Perspectives, 2015, 123, 525-533.	2.8	130
81	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. Environment International, 2015, 82, 76-84.	4.8	77
82	Air Pollution and Atherosclerosis: A Cross-Sectional Analysis of Four European Cohort Studies in the ESCAPE Study. Environmental Health Perspectives, 2015, 123, 597-605.	2.8	66
83	Are daylight saving time transitions associated with changes in myocardial infarction incidence? Results from the German MONICA/KORA Myocardial Infarction Registry. BMC Public Health, 2015, 15, 778.	1.2	33
84	Individual daytime noise exposure in different microenvironments. Environmental Research, 2015, 140, 479-487.	3.7	19
85	Fine Particles Exposure Changes Dna Methylation Within Days And Weeks: Discovering Novel Systemic Pathways Using A Genome-Wide Approach. ISEE Conference Abstracts, 2015, 2015, 2062.	0.0	0
86	Association Between Long-Term Residential Exposure To Air Pollution And Biomarkers Related To Insulin Resistance. ISEE Conference Abstracts, 2015, 2015, 1045.	0.0	0
87	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. Environmental Health Perspectives, 2014, 122, 843-849.	2.8	61
88	Long-Term Exposure to Ambient Air Pollution and Incidence of Cerebrovascular Events: Results from 11 European Cohorts within the ESCAPE Project. Environmental Health Perspectives, 2014, 122, 919-925.	2.8	285
89	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. BMJ, The, 2014, 348, f7412-f7412.	3.0	481
90	Arterial Blood Pressure and Long-Term Exposure to Traffic-Related Air Pollution: An Analysis in the European Study of Cohorts for Air Pollution Effects (ESCAPE). Environmental Health Perspectives, 2014, 122, 896-905.	2.8	112

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91	Associations between Traffic Noise, Particulate Air Pollution, Hypertension, and Isolated Systolic Hypertension in Adults: The KORA Study. <i>Environmental Health Perspectives</i> , 2014, 122, 492-498.	2.8	101
92	Short-term effects of air temperature on cause-specific cardiovascular mortality in Bavaria, Germany. <i>Heart</i> , 2014, 100, 1272-1280.	1.2	60
93	Elemental Composition of Particulate Matter and the Association with Lung Function. <i>Epidemiology</i> , 2014, 25, 648-657.	1.2	59
94	Long-term Exposure to Air Pollution and Cardiovascular Mortality. <i>Epidemiology</i> , 2014, 25, 368-378.	1.2	272
95	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. <i>Lancet</i> , The, 2014, 383, 785-795.	6.3	1,077
96	Short-term effects of air temperature on mortality and effect modification by air pollution in three cities of Bavaria, Germany: A time-series analysis. <i>Science of the Total Environment</i> , 2014, 485-486, 49-61.	3.9	116
97	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. <i>Environment International</i> , 2014, 66, 97-106.	4.8	127
98	Associations between Short-Term Exposure to Particulate Matter and Ultrafine Particles and Myocardial Infarction in Augsburg, Germany. <i>ISEE Conference Abstracts</i> , 2014, 2014, 1989.	0.0	0
99	Evaluation of Land Use Regression Models for NO ₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. <i>Environmental Science & Technology</i> , 2013, 47, 4357-4364.	4.6	96
100	Air Pollution and Liver Enzymes. <i>Epidemiology</i> , 2013, 24, 934-935.	1.2	35
101	Long-term exposure to air pollutants and cardiovascular disease endpoints in adults. <i>ISEE Conference Abstracts</i> , 2013, 2013, 5772.	0.0	0
102	Long-term Exposure to Air Pollution and Risk of Multimorbidity among the Elderly: Results from the KORA-Age Study. <i>ISEE Conference Abstracts</i> , 2013, 2013, 4046.	0.0	0
103	Associations between long-term exposure to particulate matter constituents and the incidence of coronary events in European cohorts. <i>ISEE Conference Abstracts</i> , 2013, 2013, 3946.	0.0	0
104	Development of Land Use Regression Models for PM _{2.5} , PM _{2.5} Absorbance, PM ₁₀ and PM _{coarse} in 20 European Study Areas; Results of the ESCAPE Project. <i>Environmental Science & Technology</i> , 2012, 46, 11195-11205.	4.6	877
105	Sex and age specific time patterns and long term time trends of pre-hospital delay of patients presenting with acute ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2011, 152, 350-355.	0.8	45
106	Health Effects of Air Pollution and Air Temperature. <i>Contributions To Statistics</i> , 2011, , 119-133.	0.2	0
107	Personal Measurements of Ultrafine Particles Are Associated with Decreased Heart Rate Variability. <i>Epidemiology</i> , 2009, 20, S19.	1.2	5
108	Air Temperature and the Occurrence of Myocardial Infarction in Augsburg, Germany. <i>Circulation</i> , 2009, 120, 735-742.	1.6	182