Kathrin Wolf

List of Publications by Year
in descending order

108	7,478	61857	56606
papers	citations	43	83
		h-index	g-index

111	111	111	8269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. Lancet, The, 2014, 383, 785-795.	6.3	1,077
2	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. Environmental Science & Technology, 2012, 46, 11195-11205.	4.6	877
3	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
4	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
5	Long-term Exposure to Air Pollution and Cardiovascular Mortality. Epidemiology, 2014, 25, 368-378.	1.2	272
6	Spatial PM2.5, NO2, O3 and BC models for Western Europe â€" Evaluation of spatiotemporal stability. Environment International, 2018, 120, 81-92.	4.8	193
7	Air Temperature and the Occurrence of Myocardial Infarction in Augsburg, Germany. Circulation, 2009, 120, 735-742.	1.6	182
8	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. Environment International, 2019, 130, 104934.	4.8	177
9	Genome-Wide Analysis of DNA Methylation and Fine Particulate Matter Air Pollution in Three Study Populations: KORA F3, KORA F4, and the Normative Aging Study. Environmental Health Perspectives, 2016, 124, 983-990.	2.8	150
10	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
11	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
12	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. Lancet Planetary Health, The, 2022, 6, e9-e18.	5.1	130
13	Long-term exposure to ambient air pollution and traffic noise and incident hypertension in seven cohorts of the European study of cohorts for air pollution effects (ESCAPE). European Heart Journal, 2017, 38, ehw413.	1.0	128
14	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. Environment International, 2014, 66, 97-106.	4.8	127
15	Association Between Long-term Exposure to Air Pollution and Biomarkers Related to Insulin Resistance, Subclinical Inflammation, and Adipokines. Diabetes, 2016, 65, 3314-3326.	0.3	127
16	The association of air pollution and depressed mood in 70,928 individuals from four European cohorts. International Journal of Hygiene and Environmental Health, 2016, 219, 212-219.	2.1	126
17	Long-term exposure to air pollution is associated with biological aging. Oncotarget, 2016, 7, 74510-74525.	0.8	126
18	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 Planetary Health, The, 2021, 5, e620-e632.	5.1	123

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19	Short-term effects of air temperature on mortality and effect modification by air pollution in three cities of Bavaria, Germany: A time-series analysis. Science of the Total Environment, 2014, 485-486, 49-61.	3.9	116
20	Land use regression modeling of ultrafine particles, ozone, nitrogen oxides and markers of particulate matter pollution in Augsburg, Germany. Science of the Total Environment, 2017, 579, 1531-1540.	3.9	115
21	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
22	Associations between Traffic Noise, Particulate Air Pollution, Hypertension, and Isolated Systolic Hypertension in Adults: The KORA Study. Environmental Health Perspectives, 2014, 122, 492-498.	2.8	101
23	Evaluation of Land Use Regression Models for NO$_2$ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	4.6	96
24	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. BMJ, The, 2021, 374, n1904.	3.0	93
25	Temporal variations in the triggering of myocardial infarction by air temperature in Augsburg, Germany, 1987â€"2014. European Heart Journal, 2019, 40, 1600-1608.	1.0	89
26	Long-term low-level ambient air pollution exposure and risk of lung cancer â€" A pooled analysis of 7 European cohorts. Environment International, 2021, 146, 106249.	4.8	79
27	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
28	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
29	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
30	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
31	Air Pollution and Atherosclerosis: A Cross-Sectional Analysis of FourEuropean Cohort Studies in the ESCAPE Study. Environmental Health Perspectives, 2015, 123, 597-605.	2.8	66
32	Air temperature characteristics of local climate zones in the Augsburg urban area (Bavaria, southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	66
33	Performance of Multi-City Land Use Regression Models for Nitrogen Dioxide and Fine Particles. Environmental Health Perspectives, 2014, 122, 843-849.	2.8	61
34	Short-term effects of air temperature on cause-specific cardiovascular mortality in Bavaria, Germany. Heart, 2014, 100, 1272-1280.	1.2	60
35	Long-term associations of modeled and self-reported measures of exposure to air pollution and noise at residence on prevalent hypertension and blood pressure. Science of the Total Environment, 2017, 593-594, 337-346.	3.9	60
36	Elemental Composition of Particulate Matter and the Association with Lung Function. Epidemiology, 2014, 25, 648-657.	1.2	59

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37	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. Environment International, 2019, 132, 104723.	4.8	58
38	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. Environmental Health Perspectives, 2021, 129, 47009.	2.8	53
39	Persistent organic pollutants and the incidence of type 2 diabetes in the CARLA and KORA cohort studies. Environment International, 2019, 129, 221-228.	4.8	52
40	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. Environment International, 2021, 146, 106267.	4.8	50
41	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
42	Hourly Exposure to Ultrafine Particle Metrics and the Onset of Myocardial Infarction in Augsburg, Germany. Environmental Health Perspectives, 2020, 128, 17003.	2.8	47
43	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. International Journal of Cardiology, 2011, 152, 350-355.	0.8	45
44	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
45	Development of Europe-Wide Models for Particle Elemental Composition Using Supervised Linear Regression and Random Forest. Environmental Science & Technology, 2020, 54, 15698-15709.	4.6	43
46	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. Lancet Planetary Health, The, 2021, 5, e39-e49.	5.1	40
47	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. European Respiratory Journal, 2021, 57, 2003099.	3.1	40
48	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. European Respiratory Journal, 2021, 57, 2003099.	3.1	36
49	Air Pollution and Liver Enzymes. Epidemiology, 2013, 24, 934-935.	1.2	35
50	Thermal Control, Weather, and Aging. Current Environmental Health Reports, 2017, 4, 21-29.	3.2	35
51	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. Lancet Planetary Health, The, 2021, 5, e191-e199.	5.1	35
52	Longâ€term exposure to air pollution and liver cancer incidence in six European cohorts. International Journal of Cancer, 2021, 149, 1887-1897.	2.3	35
53	Statistical modelling of spatial patterns of the urban heat island intensity in the urban environment of Augsburg, Germany. Urban Climate, 2019, 29, 100491.	2.4	34
54	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

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55	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
56	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. Environment International, 2021, 147, 106364.	4.8	32
57	Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. Environmental Research, 2021, 193, 110568.	3.7	32
58	Comparison of Delay Times Between Symptom Onset of an Acute ST-elevation Myocardial Infarction and Hospital Arrival in Men and Women <65 Years Versus â‰¥65 Years of Age.. American Journal of Cardiology, 2017, 120, 2128-2134.	0.7	29
59	Personal day-time exposure to ultrafine particles in different microenvironments. International Journal of Hygiene and Environmental Health, 2015, 218, 188-195.	2.1	28
60	Short-term NO_2 exposure is associated with long-chain fatty acids in prospective cohorts from Augsburg, Germany: results from an analysis of 138 metabolites and three exposures. International Journal of Epidemiology, 2016, 45, 1528-1538.	0.9	27
61	Individual daytime noise exposure in different microenvironments. Environmental Research, 2015, 140, 479-487.	3.7	19
62	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. Environment International, 2021, 147, 106371.	4.8	19
63	Long-term effects of air pollution on ankle-brachial index. Environment International, 2018, 118, 17-25.	4.8	17
64	Projection of Temperature-Related Myocardial Infarction in Augsburg, Germany. Deutsches A&#x0308;rzteblatt International, 2019, 116, 521-527.	0.6	17
65	Long-term Air Pollution Exposure and Pneumonia-related Mortality in a Large Pooled European Cohort. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1429-1439.	2.5	17
66	Impact of climate and population change on temperature-related mortality burden in Bavaria, Germany. Environmental Research Letters, 2019, 14, 124080.	2.2	14
67	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. Environmental Health Perspectives, 2020, 128, 127013.	2.8	13
68	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. British Journal of Cancer, 2022, 126, 1499-1507.	2.9	12
69	Does temperature-confounding control influence the modifying effect of air temperature in ozoneâ€"mortality associations?. Environmental Epidemiology, 2018, 2, e008.	1.4	11
70	Walkability and its association with prevalent and incident diabetes among adults in different regions of Germany: results of pooled data from five German cohorts. BMC Endocrine Disorders, 2020, 20, 7.	0.9	11
71	Long-Term Exposure to Source-Specific Fine Particles and Mortalityâ€"A Pooled Analysis of 14 European Cohorts within the ELAPSE Project. Environmental Science & Technology, 2022, 56, 9277-9290.	4.6	11
72	Exposure to surrounding greenness and natural-cause and cause-specific mortality in the ELAPSE pooled cohort. Environment International, 2022, 166, 107341.	4.8	9

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73	Assessment of the association of exposure to polycyclic aromatic hydrocarbons, oxidative stress, and inflammation: A cross-sectional study in Augsburg, Germany. International Journal of Hygiene and Environmental Health, 2022, 244, 113993.	2.1	8
74	Short-term effects of cold spells on plasma viscosity: Results from the KORA cohort study in Augsburg, Germany. Environmental Pollution, 2022, 302, 119071.	3.7	7
75	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. Environmental Research, 2022, 212, 113360.	3.7	7
76	Personal Measurements of Ultrafine Particles Are Associated with Decreased Heart Rate Variability. Epidemiology, 2009, 20, S19.	1.2	5
77	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
78	Mapping the time-varying spatial heterogeneity of temperature processes over the urban landscape of Augsburg, Germany. Urban Climate, 2022, 43, 101160.	2.4	4
79	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. BMJ Open, 2020, 10, e033941.	0.8	3
80	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
81	Association of persistent organic pollutants with sensorimotor neuropathy in participants with and without diabetes or prediabetes: Results from the population-based KORA FF4 study. International Journal of Hygiene and Environmental Health, 2021, 235, 113752.	2.1	2
82	Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. ISEE Conference Abstracts, 2021, 2021, .	0.0	2
83	OP X â€" 5â€¦Long-term exposure to air pollution and biomarkers of inflammation and insulin resistance in a longitudinal setting. , 2018, , .		1
84	OP X â€" 1â€¦Long-term exposure to ultrafine particles and type 2 diabetes prevalence in a longitudinal setting. , 2018, , .		0
85	OP X â€" 3â€¦C-reactive protein (crp) and long-term air pollution with a focus on ultrafine particles. , 2018, , .		0
86	OP IV â€" 2â€¦Long-term effects of air pollution on ankle-brachial index. , 2018, , .		0
87	OP VII â€" 2â€¦Does temperature confounding control influence the modifying effect of air temperature in ozone-mortality associations?. , 2018, , .		0
88	Long-term air pollution exposure and mortality due to dementia, Parkinsonâ€™s Disease and psychiatric disorders: the ELAPSE project. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
89	Association of Environmental Exposures and Socioeconomic Status with Presymptomatic Type 1 Diabetes Incidence in Children in Bavaria, Germany. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
90	Health Effects of Air Pollution and Air Temperature. Contributions To Statistics, 2011, , 119-133.	0.2	0

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91	Long-term exposure to air pollutants and cardiovascular disease endpoints in adults. ISEE Conference Abstracts, 2013, 2013, 5772.	0.0	0
92	Long-term Exposure to Air Pollution and Risk of Multimorbidity among the Elderly: Results from the KORA-Age Study. ISEE Conference Abstracts, 2013, 2013, 4046.	0.0	0
93	Associations between long-term exposure to particulate matter constituents and the incidence of coronary events in European cohorts. ISEE Conference Abstracts, 2013, 2013, 3946.	0.0	0
94	Associations between Short-Term Exposure to Particulate Matter and Ultrafine Particles and Myocardial Infarction in Augsburg, Germany. ISEE Conference Abstracts, 2014, 2014, 1989.	0.0	0
95	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
96	Association Between Long-Term Residential Exposure To Air Pollution And Biomarkers Related To Insulin Resistance. ISEE Conference Abstracts, 2015, 2015, 1045.	0.0	0
97	Long-term air pollution exposure is associated with molecular markers of accelerated molecular ageing. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
98	Long-term effects of objective and subjective measures of exposure to air pollution and noise at residence on blood pressure and hypertension.. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
99	Long-term air pollution at residence and urinary albumin excretion. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
100	Land-use regression modelling of ultrafine particles in Augsburg, Germany.. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
101	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
102	Association of long-term air pollution with spirometry and lung diffusing capacity: Results from the KORA FF4 study. , 2017, , .		0
103	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
104	Long-Term Residential Exposure to Ultrafine Particles and C-Reactive Protein (CRP). ISEE Conference Abstracts, 2018, 2017, 363.	0.0	0
105	Long-Term Exposure to Ultrafine Particles and Type 2 Diabetes Prevalence. ISEE Conference Abstracts, 2018, 2017, 810.	0.0	0
106	P II â€" 1â€"8â€...Development of land-use regression models for air temperature and relative humidity in augsburg, germany. , 2018, , .		0
107	Long-Term Effects of Air Pollution on Ankle-Brachial Index. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
108	Size-Fractionated Particle Number, Length, and Surface Area Concentrations and Daily Mortality in Augsburg, Germany, 2004-2009. ISEE Conference Abstracts, 2018, 2018, .	0.0	0