

# Nino KÃ¼nzli

## List of Publications by Year in descending order

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370  
papers

31,841  
citations

3731

89  
h-index

5120

166  
g-index

376  
all docs

376  
docs citations

376  
times ranked

26598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Public-health impact of outdoor and traffic-related air pollution: a European assessment. Lancet, The, 2000, 356, 795-801.	13.7	1,371
2	The Effect of Air Pollution on Lung Development from 10 to 18 Years of Age. New England Journal of Medicine, 2004, 351, 1057-1067.	27.0	1,131
3	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.	13.7	1,077
4	The Global Burden of Disease Due to Outdoor Air Pollution. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 1301-1307.	2.3	804
5	An Official American Thoracic Society Public Policy Statement: Novel Risk Factors and the Global Burden of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 693-718.	5.6	760
6	Development of NO2 and NOx land use regression models for estimating air pollution exposure in 36 study areas in Europe – The ESCAPE project. Atmospheric Environment, 2013, 72, 10-23.	4.1	719
7	Ambient Air Pollution and Atherosclerosis in Los Angeles. Environmental Health Perspectives, 2005, 113, 201-206.	6.0	665
8	Expert position paper on air pollution and cardiovascular disease. European Heart Journal, 2015, 36, 83-93.	2.2	646
9	Effect of exposure to traffic on lung development from 10 to 18 years of age: a cohort study. Lancet, The, 2007, 369, 571-577.	13.7	617
10	Traffic, Susceptibility, and Childhood Asthma. Environmental Health Perspectives, 2006, 114, 766-772.	6.0	519
11	Childhood Incident Asthma and Traffic-Related Air Pollution at Home and School. Environmental Health Perspectives, 2010, 118, 1021-1026.	6.0	467
12	Public health importance of triggers of myocardial infarction: a comparative risk assessment. Lancet, The, 2011, 377, 732-740.	13.7	457
13	Association between Ambient Air Pollution and Diabetes Mellitus in Europe and North America: Systematic Review and Meta-Analysis. Environmental Health Perspectives, 2015, 123, 381-389.	6.0	423
14	Childhood Asthma and Exposure to Traffic and Nitrogen Dioxide. Epidemiology, 2005, 16, 737-743.	2.7	417
15	Indoor time – “microenvironment” activity patterns in seven regions of Europe. Journal of Exposure Science and Environmental Epidemiology, 2007, 17, 170-181.	3.9	364
16	The European Community Respiratory Health Survey: what are the main results so far?. European Respiratory Journal, 2001, 18, 598-611.	6.7	359
17	Exposure to substances in the workplace and new-onset asthma: an international prospective population-based study (ECRHS-II). Lancet, The, 2007, 370, 336-341.	13.7	359
18	A joint ERS/ATS policy statement: what constitutes an adverse health effect of air pollution? An analytical framework. European Respiratory Journal, 2017, 49, 1600419.	6.7	348

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19	Lung function and long term exposure to air pollutants in Switzerland. Study on Air Pollution and Lung Diseases in Adults (SAPALDIA) Team.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 122-129.	5.6	346
20	Reduced Exposure to PM <sub>10</sub> and Attenuated Age-Related Decline in Lung Function. New England Journal of Medicine, 2007, 357, 2338-2347.	27.0	312
21	Coarse Particles From Saharan Dust and Daily Mortality. Epidemiology, 2008, 19, 800-807.	2.7	301
22	Adult lung function and long-term air pollution exposure. ESCAPE: a multicentre cohort study and meta-analysis. European Respiratory Journal, 2015, 45, 38-50.	6.7	297
23	“What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health” Environmental Science & Technology, 2016, 50, 4895-4904.	10.0	294
24	Sleep problems and work injuries: A systematic review and meta-analysis. Sleep Medicine Reviews, 2014, 18, 61-73.	8.5	290
25	Health effects of ultrafine particles: a systematic literature review update of epidemiological evidence. International Journal of Public Health, 2019, 64, 547-559.	2.3	273
26	Traffic-Related Air Pollution and Asthma Onset in Children: A Prospective Cohort Study with Individual Exposure Measurement. Environmental Health Perspectives, 2008, 116, 1433-1438.	6.0	267
27	Long-Term Effects of Ambient Air Pollution on Lung Function. Epidemiology, 2008, 19, 690-701.	2.7	261
28	Incidence of Chronic Obstructive Pulmonary Disease in a Cohort of Young Adults According to the Presence of Chronic Cough and Phlegm. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 32-39.	5.6	258
29	The Health Relevance of Ambient Particulate Matter Characteristics: Coherence of Toxicological and Epidemiological Inferences. Inhalation Toxicology, 2006, 18, 95-125.	1.6	254
30	Long-Term Ambient Air Pollution and Respiratory Symptoms in Adults (SAPALDIA Study). American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1257-1266.	5.6	247
31	Ambient air pollution and pregnancy outcomes: A comprehensive review and identification of environmental public health challenges. Environmental Research, 2018, 167, 144-159.	7.5	245
32	Role of current and childhood exposure to cat and atopic sensitization.... Journal of Allergy and Clinical Immunology, 1999, 104, 941-947.	2.9	224
33	Quantifying the health impacts of ambient air pollutants: recommendations of a WHO/Europe project. International Journal of Public Health, 2015, 60, 619-627.	2.3	217
34	An international survey of chronic obstructive pulmonary disease in young adults according to GOLD stages. Thorax, 2004, 59, 120-125.	5.6	216
35	Transportation Noise and Blood Pressure in a Population-Based Sample of Adults. Environmental Health Perspectives, 2012, 120, 50-55.	6.0	209
36	Gender differences in prevalence, diagnosis and incidence of allergic and non-allergic asthma: a population-based cohort. Thorax, 2012, 67, 625-631.	5.6	209

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37	The Use of Household Cleaning Sprays and Adult Asthma. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 735-741.	5.6	208
38	Air pollution, oxidative stress and dietary supplementation: a review. European Respiratory Journal, 2008, 31, 179-197.	6.7	207
39	Ambient Air Pollution and the Progression of Atherosclerosis in Adults. PLoS ONE, 2010, 5, e9096.	2.5	204
40	Ambient Air Pollution and Adult Asthma Incidence in Six European Cohorts (ESCAPE). Environmental Health Perspectives, 2015, 123, 613-621.	6.0	197
41	Short-term association between ambient air pollution and pneumonia in children: A systematic review and meta-analysis of time-series and case-crossover studies. Environmental Pollution, 2017, 230, 1000-1008.	7.5	196
42	Health Effects of the 2003 Southern California Wildfires on Children. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1221-1228.	5.6	195
43	Risk Factors for Chronic Obstructive Pulmonary Disease in a European Cohort of Young Adults. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 891-897.	5.6	190
44	Assessment of Deaths Attributable to Air Pollution: Should We Use Risk Estimates based on Time Series or on Cohort Studies?. American Journal of Epidemiology, 2001, 153, 1050-1055.	3.4	188
45	Comparison of Oxidative Properties, Light Absorbance, and Total and Elemental Mass Concentration of Ambient PM 2.5 Collected at 20 European Sites. Environmental Health Perspectives, 2006, 114, 684-690.	6.0	179
46	Health impacts of anthropogenic biomass burning in the developed world. European Respiratory Journal, 2015, 46, 1577-1588.	6.7	179
47	Chronic Exposure to Ambient Ozone and Lung Function in Young Adults. Epidemiology, 2005, 16, 751-759.	2.7	170
48	Association of ambient air pollution with the prevalence and incidence of COPD. European Respiratory Journal, 2014, 44, 614-626.	6.7	163
49	Long-term air pollution exposure and diabetes in a population-based Swiss cohort. Environment International, 2014, 70, 95-105.	10.0	162
50	Long-term trends and health impact of PM2.5 and O3 in Tehran, Iran, 2006â€“2015. Environment International, 2018, 114, 37-49.	10.0	160
51	Follow-up of the Swiss Cohort Study on Air Pollution and Lung Diseases in Adults (SAPALDIA 2) 1991â€“2003: methods and characterization of participants. International Journal of Public Health, 2005, 50, 245-263.	2.6	159
52	Smoking cessation, lung function, and weight gain: a follow-up study. Lancet, The, 2005, 365, 1629-1635.	13.7	159
53	Oxidant generation by particulate matter: from biologically effective dose to a promising, novel metric. Occupational and Environmental Medicine, 2006, 64, 73-74.	2.8	158
54	SAPALDIA: Methods and participation in the cross-sectional part of the Swiss Study on Air Pollution and Lung Diseases in Adults. International Journal of Public Health, 1997, 42, 67-84.	2.6	152

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55	Ambient air pollution: a cause of COPD?. European Respiratory Journal, 2014, 43, 250-263.	6.7	150
56	Acute effects of ambient air pollution on lower respiratory infections in Hanoi children: An eight-year time series study. Environment International, 2018, 110, 139-148.	10.0	149
57	Exposure to Motor Vehicle Traffic and Allergic Sensitization. Epidemiology, 2000, 11, 450-456.	2.7	148
58	Occupational Exposure to Dusts, Gases, and Fumes and Incidence of Chronic Obstructive Pulmonary Disease in the Swiss Cohort Study on Air Pollution and Lung and Heart Diseases in Adults. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1292-1300.	5.6	146
59	Traffic-related air pollution correlates with adult-onset asthma among never-smokers. Thorax, 2009, 64, 664-670.	5.6	145
60	Development of West-European PM 2.5 and NO 2 land use regression models incorporating satellite-derived and chemical transport modelling data. Environmental Research, 2016, 151, 1-10.	7.5	145
61	Effect of the number of measurement sites on land use regression models in estimating local air pollution. Atmospheric Environment, 2012, 54, 634-642.	4.1	144
62	Underestimation of airflow obstruction among young adults using FEV1/FVC <70% as a fixed cut-off: a longitudinal evaluation of clinical and functional outcomes. Thorax, 2008, 63, 1040-1045.	5.6	142
63	Pet-keeping in childhood and adult asthma and hay fever: European community respiratory health survey. Journal of Allergy and Clinical Immunology, 2003, 112, 289-300.	2.9	136
64	Premature Atrial Contractions in the General Population. Circulation, 2012, 126, 2302-2308.	1.6	135
65	Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & Technology, 2009, 43, 4707-4714.	10.0	130
66	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, ehv413.	2.2	128
67	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.	10.0	127
68	Lung function in healthy never smoking adults: reference values and lower limits of normal of a Swiss population.. Thorax, 1996, 51, 277-283.	5.6	125
69	Chronic burden of near-roadway traffic pollution in 10 European cities (APHEKOM network). European Respiratory Journal, 2013, 42, 594-605.	6.7	125
70	Association between Lifetime Ambient Ozone Exposure and Pulmonary Function in College Freshmen—Results of a Pilot Study. Environmental Research, 1997, 72, 8-23.	7.5	118
71	Asthma, COPD and overlap syndrome: a longitudinal study in young European adults. European Respiratory Journal, 2015, 46, 671-679.	6.7	117
72	Temporal and spatial variation of the chemical composition of PM10 at urban and rural sites in the Basel area, Switzerland. Atmospheric Environment, 2001, 35, 3701-3713.	4.1	115

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73	Increase in diagnosed asthma but not in symptoms in the European Community Respiratory Health Survey. Thorax, 2004, 59, 646-651.	5.6	114
74	Comparison of Black Smoke and PM <sub>2.5</sub> Levels in Indoor and Outdoor Environments of Four European Cities. Environmental Science & Technology, 2002, 36, 1191-1197.	10.0	113
75	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.	6.0	112
76	Health impact and related cost of ambient air pollution in Tehran. Environmental Research, 2019, 176, 108547.	7.5	112
77	A land use regression model for predicting ambient fine particulate matter across Los Angeles, CA. Journal of Environmental Monitoring, 2007, 9, 246-252.	2.1	109
78	Comparing land use regression and dispersion modelling to assess residential exposure to ambient air pollution for epidemiological studies. Environment International, 2014, 73, 382-392.	10.0	109
79	Change in prevalence of IgE sensitization and mean total IgE with age and cohort. Journal of Allergy and Clinical Immunology, 2005, 116, 675-682.	2.9	107
80	High Blood Pressure and Long-Term Exposure to Indoor Noise and Air Pollution from Road Traffic. Environmental Health Perspectives, 2014, 122, 1193-1200.	6.0	100
81	Improvements in PM <sub>10</sub> Exposure and Reduced Rates of Respiratory Symptoms in a Cohort of Swiss Adults (SAPALDIA). American Journal of Respiratory and Critical Care Medicine, 2009, 179, 579-587.	5.6	99
82	Reducing ambient levels of fine particulates could substantially improve health: a mortality impact assessment for 26 European cities. Journal of Epidemiology and Community Health, 2008, 62, 98-105.	3.7	98
83	Risk factors of new-onset asthma in adults: a population-based international cohort study. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1021-1030.	5.7	98
84	Ten-Year Follow-up of Cluster-based Asthma Phenotypes in Adults. A Pooled Analysis of Three Cohorts. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 550-560.	5.6	98
85	Evaluation of Land Use Regression Models for NO <sub>2</sub> and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	10.0	96
86	Living near Main Streets and Respiratory Symptoms in Adults. American Journal of Epidemiology, 2006, 164, 1190-1198.	3.4	95
87	Asthma score: predictive ability and risk factors. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 142-148.	5.7	95
88	Spatial distribution of ultrafine particles in urban settings: A land use regression model. Atmospheric Environment, 2012, 54, 657-666.	4.1	95
89	Validity of Ambient Levels of Fine Particles as Surrogate for Personal Exposure to Outdoor Air Pollution—Results of the European EXPOLIS-EAS Study (Swiss Center Basel). Journal of the Air and Waste Management Association, 2000, 50, 1251-1261.	1.9	94
90	Exposure chain of urban air PM <sub>2.5</sub> —associations between ambient fixed site, residential outdoor, indoor, workplace and personal exposures in four European cities in the EXPOLIS-study. Atmospheric Environment, 2002, 36, 3031-3039.	4.1	92

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91	Chronic bronchitis and urban air pollution in an international study. Occupational and Environmental Medicine, 2006, 63, 836-843.	2.8	92
92	Annoyance due to air pollution in Europe. International Journal of Epidemiology, 2007, 36, 809-820.	1.9	92
93	Modelling daily PM <sub>2.5</sub> concentrations at high spatio-temporal resolution across Switzerland. Environmental Pollution, 2018, 233, 1147-1154.	7.5	92
94	Validity of Annoyance Scores for Estimation of Long Term Air Pollution Exposure in Epidemiologic Studies. American Journal of Epidemiology, 2000, 152, 75-83.	3.4	91
95	Lung Function Decline, Chronic Bronchitis, and Occupational Exposures in Young Adults. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1139-1145.	5.6	91
96	Long-Term Exposure to Ambient Air Pollution and Metabolic Syndrome in Adults. PLoS ONE, 2015, 10, e0130337.	2.5	91
97	Elemental composition and reflectance of ambient fine particles at 21 European locations. Atmospheric Environment, 2005, 39, 5947-5958.	4.1	89
98	Short-term effects of particle size fractions on circulating biomarkers of inflammation in a panel of elderly subjects and healthy young adults. Environmental Pollution, 2017, 223, 695-704.	7.5	89
99	Commuter exposure to ultrafine particles in different urban locations, transportation modes and routes. Atmospheric Environment, 2013, 77, 376-384.	4.1	88
100	Fine Particle (PM <sub>2.5</sub> ) Measurement Methodology, Quality Assurance Procedures, and Pilot Results of the EXPOLIS Study. Journal of the Air and Waste Management Association, 1999, 49, 1212-1220.	1.9	86
101	Local determinants of road traffic noise levels versus determinants of air pollution levels in a Mediterranean city. Environmental Research, 2011, 111, 177-183.	7.5	85
102	From Good Intentions to Proven Interventions: Effectiveness of Actions to Reduce the Health Impacts of Air Pollution. Environmental Health Perspectives, 2011, 119, 29-36.	6.0	83
103	Association of Early-life Exposure to Household Gas Appliances and Indoor Nitrogen Dioxide With Cognition and Attention Behavior in Preschoolers. American Journal of Epidemiology, 2009, 169, 1327-1336.	3.4	81
104	Breathless in Los Angeles: The Exhausting Search for Clean Air. American Journal of Public Health, 2003, 93, 1494-1499.	2.7	79
105	Changes in active and passive smoking in the European Community Respiratory Health Survey. European Respiratory Journal, 2006, 27, 517-524.	6.7	78
106	Traffic-Related Air Pollution, Oxidative Stress Genes, and Asthma (ECHRS). Environmental Health Perspectives, 2009, 117, 1919-1924.	6.0	78
107	Spatiotemporal description of BTEX volatile organic compounds in a Middle Eastern megacity: Tehran Study of Exposure Prediction for Environmental Health Research (Tehran SEPEHR). Environmental Pollution, 2017, 226, 219-229.	7.5	78
108	Determinants of perceived air pollution annoyance and association between annoyance scores and air pollution (PM <sub>2.5</sub> , NO <sub>2</sub> ) concentrations in the European EXPOLIS study. Atmospheric Environment, 2002, 36, 4593-4602.	4.1	77



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109	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. <i>Environment International</i> , 2015, 82, 76-84.	10.0	77
110	Time to harmonize national ambient air quality standards. <i>International Journal of Public Health</i> , 2017, 62, 453-462.	2.3	77
111	Airborne particle number profiles, particle mass distributions and particle-bound PAH concentrations within the city environment of Basel: an assessment as part of the BRISKA Project. <i>Atmospheric Environment</i> , 2000, 34, 3171-3181.	4.1	76
112	Air pollution: from lung to heart. <i>Swiss Medical Weekly</i> , 2005, 135, 697-702.	1.6	75
113	The German view: Effects of nitrogen dioxide on human health – derivation of health-related short-term and long-term values. <i>International Journal of Hygiene and Environmental Health</i> , 2005, 208, 305-318.	4.3	74
114	Variability of FVC and FEV1 due to technician, team, device and subject in an eight centre study: three quality control studies in SAPALDIA. <i>Swiss Study on Air Pollution and Lung Disease in Adults</i> . <i>European Respiratory Journal</i> , 1995, 8, 371-376.	6.7	73
115	Association of Long-Term Exposure to Traffic-Related Air Pollution with Blood Pressure and Hypertension in an Adult Population – Based Cohort in Spain (the REGICOR Study). <i>Environmental Health Perspectives</i> , 2014, 122, 404-411.	6.0	72
116	Mould and dampness in dwelling places, and onset of asthma: the population-based cohort ECRHS. <i>Occupational and Environmental Medicine</i> , 2013, 70, 325-331.	2.8	71
117	Air Pollution from Road Traffic and Systemic Inflammation in Adults: A Cross-Sectional Analysis in the European ESCAPE Project. <i>Environmental Health Perspectives</i> , 2015, 123, 785-791.	6.0	71
118	Determinants of indoor air concentrations of PM2.5, black smoke and NO2 in six European cities (EXPOLIS study). <i>Atmospheric Environment</i> , 2006, 40, 1299-1313.	4.1	69
119	Allergic Rhinitis and Onset of Bronchial Hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 659-666.	5.6	69
120	Effect of fireworks events on urban background trace metal aerosol concentrations: Is the cocktail worth the show?. <i>Journal of Hazardous Materials</i> , 2010, 183, 945-949.	12.4	69
121	Investigating Air Pollution and Atherosclerosis in Humans: Concepts and Outlook. <i>Progress in Cardiovascular Diseases</i> , 2011, 53, 334-343.	3.1	66
122	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
123	The public health relevance of air pollution abatement. <i>European Respiratory Journal</i> , 2002, 20, 198-209.	6.7	65
124	Home Outdoor NO2 and New Onset of Self-Reported Asthma in Adults. <i>Epidemiology</i> , 2009, 20, 119-126.	2.7	65
125	Particulate Matter and Subclinical Atherosclerosis: Associations between Different Particle Sizes and Sources with Carotid Intima-Media Thickness in the SAPALDIA Study. <i>Environmental Health Perspectives</i> , 2016, 124, 1700-1706.	6.0	64
126	Air pollution and asthma control in the Epidemiological study on the Genetics and Environment of Asthma. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 796-802.	3.7	63



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127	Development of land use regression models for nitrogen dioxide, ultrafine particles, lung deposited surface area, and four other markers of particulate matter pollution in the Swiss SAPALDIA regions. <i>Environmental Health</i> , 2016, 15, 53.	4.0	63
128	PM2.5 and NO2 assessment in 21 European study centres of ECRHS II: annual means and seasonal differences. <i>Atmospheric Environment</i> , 2004, 38, 1943-1953.	4.1	62
129	The EXPOLIS study: implications for exposure research and environmental policy in Europe. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, 440-456.	3.9	62
130	Particulate matter, science and EU policy. <i>European Respiratory Journal</i> , 2007, 29, 428-431.	6.7	62
131	Source apportionment of ambient PM2.5 at five spanish centres of the european community respiratory health survey (ECRHS II). <i>Atmospheric Environment</i> , 2007, 41, 1395-1406.	4.1	62
132	Application of land use regression modelling to assess the spatial distribution of road traffic noise in three European cities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 97-105.	3.9	62
133	If I tweet will you cite? The effect of social media exposure of articles on downloads and citations. <i>International Journal of Public Health</i> , 2016, 61, 513-520.	2.3	62
134	Respiratory Symptoms Following Wildfire Smoke Exposure. <i>Epidemiology</i> , 2009, 20, 451-459.	2.7	61
135	The influence of sensitisation to pollens and moulds on seasonal variations in asthma attacks. <i>European Respiratory Journal</i> , 2013, 42, 935-945.	6.7	61
136	Incidence of asthma and net change in symptoms in relation to changes in obesity. <i>European Respiratory Journal</i> , 2006, 28, 763-771.	6.7	59
137	Characterization of Source-Specific Air Pollution Exposure for a Large Population-Based Swiss Cohort (SAPALDIA). <i>Environmental Health Perspectives</i> , 2007, 115, 1638-1645.	6.0	59
138	Spatial and temporal variability of ultrafine particles, NO2, PM2.5, PM2.5 absorbance, PM10 and PMcoarse in Swiss study areas. <i>Atmospheric Environment</i> , 2015, 111, 60-70.	4.1	58
139	An Increase in Bronchial Responsiveness Is Associated with Continuing or Restarting Smoking. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 956-961.	5.6	57
140	Measurement Error in Epidemiologic Studies of Air Pollution Based on Land-Use Regression Models. <i>American Journal of Epidemiology</i> , 2013, 178, 1342-1346.	3.4	57
141	Accelerated decline in lung function in smoking women with airway obstruction: SAPALDIA 2 cohort study. <i>Respiratory Research</i> , 2005, 6, 45.	3.6	56
142	Near-Roadway Pollution and Childhood Asthma: Implications for Developing "Win-Win" Compact Urban Development and Clean Vehicle Strategies. <i>Environmental Health Perspectives</i> , 2012, 120, 1619-1626.	6.0	56
143	Cross-sectional associations between air pollution and chronic bronchitis: an ESCAPE meta-analysis across five cohorts. <i>Thorax</i> , 2014, 69, 1005-1014.	5.6	56
144	Short-term associations between daily mortality and ambient particulate matter, nitrogen dioxide, and the air quality index in a Middle Eastern megacity. <i>Environmental Pollution</i> , 2019, 254, 113121.	7.5	56

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145	Improved Air Quality and Attenuated Lung Function Decline: Modification by Obesity in the SAPALDIA Cohort. <i>Environmental Health Perspectives</i> , 2013, 121, 1034-1039.	6.0	54
146	Respiratory symptoms in Swiss farmers: An epidemiological study of risk factors. <i>American Journal of Industrial Medicine</i> , 2001, 39, 410-418.	2.1	53
147	Short-Term Variation in Air Pollution and in Average Lung Function Among Never-Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 163, 356-361.	5.6	53
148	Association between Long-Term Exposure to Traffic-Related Air Pollution and Subclinical Atherosclerosis: The REGICOR Study. <i>Environmental Health Perspectives</i> , 2013, 121, 223-230.	6.0	53
149	Years of life lost and morbidity cases attributable to transportation noise and air pollution: A comparative health risk assessment for Switzerland in 2010. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 514-521.	4.3	53
150	Estimating the health and economic benefits associated with reducing air pollution in the Barcelona metropolitan area (Spain). <i>Gaceta Sanitaria</i> , 2009, 23, 287-294.	1.5	51
151	Differences in indoor versus outdoor concentrations of ultrafine particles, PM <sub>2.5</sub> , PM <sub>absorbance</sub> and NO <sub>2</sub> in Swiss homes. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 499-505.	3.9	51
152	Oxidative properties of ambient PM <sub>2.5</sub> and elemental composition: Heterogeneous associations in 19 European cities. <i>Atmospheric Environment</i> , 2009, 43, 4595-4602.	4.1	50
153	Spatial variation of PM elemental composition between and within 20 European study areas – Results of the ESCAPE project. <i>Environment International</i> , 2015, 84, 181-192.	10.0	49
154	Socioeconomic position and outdoor nitrogen dioxide (NO <sub>2</sub> ) exposure in Western Europe: A multi-city analysis. <i>Environment International</i> , 2017, 101, 117-124.	10.0	49
155	Lung function decline in relation to mould and dampness in the home: the longitudinal European Community Respiratory Health Survey ECRHS II. <i>Thorax</i> , 2011, 66, 396-401.	5.6	48
156	Personal exposures to VOC in the upper end of the distribution – relationships to indoor, outdoor and workplace concentrations. <i>Atmospheric Environment</i> , 2005, 39, 2299-2307.	4.1	47
157	Childhood Air Pollutant Exposure and Carotid Artery Intima-Media Thickness in Young Adults. <i>Circulation</i> , 2012, 126, 1614-1620.	1.6	47
158	Modeling indoor air pollution of outdoor origin in homes of SAPALDIA subjects in Switzerland. <i>Environment International</i> , 2015, 82, 85-91.	10.0	46
159	Transport-related measures to mitigate climate change in Basel, Switzerland: A health-effectiveness comparison study. <i>Environment International</i> , 2015, 85, 111-119.	10.0	46
160	Associations of daily levels of PM <sub>10</sub> and NO <sub>2</sub> with emergency hospital admissions and mortality in Switzerland: Trends and missed prevention potential over the last decade. <i>Environmental Research</i> , 2015, 140, 554-561.	7.5	45
161	Physical activity is associated with lower arterial stiffness in older adults: results of the SAPALDIA 3 Cohort Study. <i>European Journal of Epidemiology</i> , 2016, 31, 275-285.	5.7	45
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