Iana Markevych

List of Publications by Year
in descending order

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115 papers	5,864 citations	81900 39 h-index	79698 73 g-index
121 all docs	121 docs citations	121 times ranked	5369 citing authors

#	Article	IF	Citations
1	Exploring pathways linking greenspace to health: Theoretical and methodological guidance. Environmental Research, 2017, 158, 301-317.	7.5	1,384
2	Pathways linking biodiversity to human health: A conceptual framework. Environment International, 2021, 150, 106420.	10.0	210
3	Urban residential greenspace and mental health in youth: Different approaches to testing multiple pathways yield different conclusions. Environmental Research, 2018, 160, 47-59.	7.5	206
4	Access to urban green spaces and behavioural problems in children: Results from the GINIplus and LISAplus studies. Environment International, 2014, 71, 29-35.	10.0	181
5	Ambient air pollution in relation to diabetes and glucose-homoeostasis markers in China: a cross-sectional study with findings from the 33 Communities Chinese Health Study. Lancet Planetary Health, The, 2018, 2, e64-e73.	11.4	164
6	Multiple pathways link urban green- and bluespace to mental health in young adults. Environmental Research, 2018, 166, 223-233.	7.5	153
7	Analytical approaches to testing pathways linking greenspace to health: A scoping review of the empirical literature. Environmental Research, 2020, 186, 109613.	7.5	145
8	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. JAMA Network Open, 2019, 2, e190318.	5.9	143
9	Associations of Residential Long-Term Air Pollution Exposures and Satellite-Derived Greenness with Insulin Resistance in German Adolescents. Environmental Health Perspectives, 2016, 124, 1291-1298.	6.0	132
10	Exposure to ambient air pollution and blood lipids in adults: The 33 Communities Chinese Health Study. Environment International, 2018, 119, 485-492.	10.0	116
11	A cross-sectional analysis of the effects of residential greenness on blood pressure in 10-year old children: results from the GINIplus and LISAplus studies. BMC Public Health, 2014, 14, 477.	2.9	111
12	Residential greenness is differentially associated with childhood allergic rhinitis and aeroallergen sensitization in seven birth cohorts. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1461-1471.	5.7	106
13	Surrounding greenness and birth weight: Results from the GINIplus and LISAplus birth cohorts in Munich. Health and Place, 2014, 26, 39-46.	3.3	101
14	Community greenness, blood pressure, and hypertension in urban dwellers: The 33 Communities Chinese Health Study. Environment International, 2019, 126, 727-734.	10.0	99
15	Greenness and allergies: evidence of differential associations in two areas in Germany. Journal of Epidemiology and Community Health, 2014, 68, 787-790.	3.7	95
16	Greenspace with overweight and obesity: A systematic review and metaâ€analysis of epidemiological studies up to 2020. Obesity Reviews, 2020, 21, e13078.	6.5	90
17	Fungal and Bacterial Communities in Indoor Dust Follow Different Environmental Determinants. PLoS ONE, 2016, 11, e0154131.	2.5	86
18	Outdoor air pollution, green space, and cancer incidence in Saxony: a semi-individual cohort study. BMC Public Health, 2018, 18, 715.	2.9	84

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19	Residential road traffic noise and general mental health in youth: The role of noise annoyance, neighborhood restorative quality, physical activity, and social cohesion as potential mediators. Environment International, 2017, 109, 1-9.	10.0	80
20	Ambient PM1 air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study. Environment International, 2019, 123, 310-317.	10.0	77
21	Association between community greenness and obesity in urban-dwelling Chinese adults. Science of the Total Environment, 2020, 702, 135040.	8.0	75
22	Greenspace seems protective of both high and low blood pressure among residents of an Alpine valley. Environment International, 2018, 121, 443-452.	10.0	74
23	Ambient ozone exposure and mental health: A systematic review of epidemiological studies. Environmental Research, 2018, 165, 459-472.	7.5	70
24	Pathways linking residential noise and air pollution to mental ill-health in young adults. Environmental Research, 2018, 166, 458-465.	7.5	69
25	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. Environment International, 2018, 120, 516-524.	10.0	68
26	Associations of greenness with diabetes mellitus and glucose-homeostasis markers: The 33 Communities Chinese Health Study. International Journal of Hygiene and Environmental Health, 2019, 222, 283-290.	4.3	63
27	Association Between Residential Greenness, Cardiometabolic Disorders, and Cardiovascular Disease Among Adults in China. JAMA Network Open, 2020, 3, e2017507.	5.9	57
28	Traffic-related air pollution and hyperactivity/inattention, dyslexia and dyscalculia in adolescents of the German GINIplus and LISAplus birth cohorts. Environment International, 2016, 97, 85-92.	10.0	56
29	Long-term air pollution exposure and lung function in 15 year-old adolescents living in an urban and rural area in Germany: The GINIplus and LISAplus cohorts. International Journal of Hygiene and Environmental Health, 2015, 218, 656-665.	4.3	55
30	Residential greenness and blood lipids in urban-dwelling adults: The 33 Communities Chinese Health Study. Environmental Pollution, 2019, 250, 14-22.	7.5	55
31	Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. Epidemiology, 2018, 29, 618-626.	2.7	51
32	Prenatal and postnatal exposure to air pollution and emotional and aggressive symptoms in children from 8 European birth cohorts. Environment International, 2019, 131, 104927.	10.0	51
33	Association between residential greenness and metabolic syndrome in Chinese adults. Environment International, 2020, 135, 105388.	10.0	51
34	Lifelong exposure to air pollution and greenness in relation to asthma, rhinitis and lung function in adulthood. Environment International, 2021, 146, 106219.	10.0	51
35	Lower Noise Annoyance Associated with GIS-Derived Greenspace: Pathways through Perceived Greenspace and Residential Noise. International Journal of Environmental Research and Public Health, 2018, 15, 1533.	2.6	48
36	Outdoor air pollution, greenspace, and incidence of ADHD: A semi-individual study. Science of the Total Environment, 2018, 642, 1362-1368.	8.0	48

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37	Associations of residential greenness, traffic noise, and air pollution with birth outcomes across Alpine areas. Science of the Total Environment, 2019, 678, 399-408.	8.0	47
38	The effects of short- and long-term air pollutants on plant phenology and leaf characteristics. Environmental Pollution, 2015, 206, 382-389.	7.5	45
39	Residential greenspace might modify the effect of road traffic noise exposure on general mental health in students. Urban Forestry and Urban Greening, 2018, 34, 233-239.	5.3	43
40	An approach to the asthmaâ€protective farm effect by geocoding: Good farms and better farms. Pediatric Allergy and Immunology, 2018, 29, 275-282.	2.6	42
41	Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. Environmental Pollution, 2020, 256, 113422.	7.5	42
42	Residential and school greenspace and academic performance: Evidence from the GINIplus and LISA longitudinal studies of German adolescents. Environmental Pollution, 2019, 245, 71-76.	7.5	40
43	Ambient Air Pollution and Early Manifestation of Type 1 Diabetes. Epidemiology, 2015, 26, e31-e32.	2.7	38
44	Association Between Greenness Surrounding Schools and Kindergartens and Attention-Deficit/Hyperactivity Disorder in Children in China. JAMA Network Open, 2019, 2, e1917862.	5.9	38
45	Residential greenspace and lung function up to 24Âyears of age: The ALSPAC birth cohort. Environment International, 2020, 140, 105749.	10.0	38
46	Residential greenness and blood lipids in children: A longitudinal analysis in GINIplus and LISAplus. Environmental Research, 2016, 151, 168-173.	7.5	36
47	Air Pollution and Liver Enzymes. Epidemiology, 2013, 24, 934-935.	2.7	35
48	Neighbourhood and physical activity in German adolescents: GINIplus and LISAplus. Environmental Research, 2016, 147, 284-293.	7.5	35
49	Depression and anxiety with exposure to ozone and particulate matter: An epidemiological claims data analysis. International Journal of Hygiene and Environmental Health, 2020, 228, 113562.	4.3	34
50	Maternal exposure to ambient air pollution and congenital heart defects in China. Environment International, 2021, 153, 106548.	10.0	33
51	Residing near allergenic trees can increase risk of allergies later in life: LISA Leipzig study. Environmental Research, 2020, 191, 110132.	7.5	32
52	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.	10.0	32
53	Air pollution and IgE sensitization in 4 European birth cohortsâ€"the MeDALL project. Journal of Allergy and Clinical Immunology, 2021, 147, 713-722.	2.9	30
54	Residential surrounding greenspace and age at menopause: A 20-year European study (ECRHS). Environment International, 2019, 132, 105088.	10.0	29

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55	Allergic symptoms in association with naturalness, greenness, and greyness: A cross-sectional study in schoolchildren in the Alps. Environmental Research, 2021, 198, 110456.	7.5	26
56	Ambient ozone exposure and depressive symptoms in adolescents: Results of the GINIplus and LISA birth cohorts. Environmental Research, 2019, 170, 73-81.	7.5	25
57	Associations of Preconception Exposure to Air Pollution and Greenness with Offspring Asthma and Hay Fever. International Journal of Environmental Research and Public Health, 2020, 17, 5828.	2.6	24
58	Residential Air Pollution, Road Traffic, Greenness and Maternal Hypertension: Results from GINIplus and LISAplus. International Journal of Occupational and Environmental Medicine, 2017, 8, 131-142.	4.2	24
59	Impact of Residential Green Space on Sleep Quality and Sufficiency in Children and Adolescents Residing in Australia and Germany. International Journal of Environmental Research and Public Health, 2020, 17, 4894.	2.6	23
60	Short-term exposure to ambient ozone and inflammatory biomarkers in cross-sectional studies of children and adolescents: Results of the GINIplus and LISA birth cohorts. Environmental Pollution, 2019, 255, 113264.	7.5	21
61	Green space quality and adolescent mental health: do personality traits matter?. Environmental Research, 2022, 206, 112591.	7.5	21
62	Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. Environmental Pollution, 2020, 256, 113434.	7.5	20
63	Neighbourhood greenness and income of occupants in four German areas: GINIplus and LISAplus. Urban Forestry and Urban Greening, 2017, 21, 88-95.	5.3	19
64	Urban upbringing and childhood respiratory and allergic conditions: A multi-country holistic study. Environmental Research, 2018, 161, 276-283.	7.5	19
65	Associations of greenness surrounding schools with blood pressure and hypertension: A nationwide cross-sectional study of 61,229 children and adolescents in China. Environmental Research, 2022, 204, 112004.	7.5	18
66	Food diversity during the first year of life and allergic diseases until 15Âyears. Journal of Allergy and Clinical Immunology, 2017, 140, 1751-1754.e4.	2.9	17
67	Greenness may improve lung health in lowâ€“moderate but not high air pollution areas: Seven Northeastern Citiesâ€™ study. Thorax, 2021, 76, 880-886.	5.6	17
68	Are primary school students exposed to higher noise levels than secondary school students in Germany?. International Journal of Occupational and Environmental Medicine, 2013, 4, 2-11.	4.2	17
69	Residential air pollution does not modify the positive association between physical activity and lung function in current smokers in the ECRHS study. Environment International, 2018, 120, 364-372.	10.0	15
70	Street view greenness is associated with lower risk of obesity in adults: Findings from the 33 Chinese community health study. Environmental Research, 2021, 200, 111434.	7.5	15
71	Greenness and job-related chronic stress in young adults: a prospective cohort study in Germany. BMJ Open, 2018, 8, e021599.	1.9	14
72	Maternal residential greenness and congenital heart defects in infants: A large case-control study in Southern China. Environment International, 2020, 142, 105859.	10.0	13

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73	Greenness Surrounding Schools and Visual Impairment in Chinese Children and Adolescents. Environmental Health Perspectives, 2021, 129, 107006.	6.0	13
74	Air pollution during infancy and lung function development into adolescence: The GINIplus/LISA birth cohorts study. Environment International, 2021, 146, 106195.	10.0	12
75	Natural and built environments and blood pressure of Alpine schoolchildren. Environmental Research, 2022, 204, 111925.	7.5	12
76	Association of early life and acute pollen exposure with lung function and exhaled nitric oxide (FeNO). A prospective study up to adolescence in the GINIplus and LISA cohort. Science of the Total Environment, 2021, 763, 143006.	8.0	10
77	Is the association between pet ownership and indoor endotoxin levels confounded or modified by outdoor residential greenspace?. Science of the Total Environment, 2018, 625, 716-721.	8.0	8
78	Green Spaces and Child Health and Development. , 2019, , 121-130.		8
79	The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: New insights from the Seven Northeastern Cities Study in China. Environmental Research, 2020, 187, 109624.	7.5	8
80	Outdoor air pollution and hormone-assessed pubertal development in children: Results from the GINIplus and LISA birth cohorts. Environment International, 2021, 152, 106476.	10.0	8
81	Lifelong exposure to residential greenspace and the premenstrual syndrome: A population-based study of Northern European women. Environment International, 2022, 158, 106975.	10.0	8
82	NeuroSmog: Determining the Impact of Air Pollution on the Developing Brain: Project Protocol. International Journal of Environmental Research and Public Health, 2022, 19, 310.	2.6	7
83	Hygienic behavior and allergic sensitization in German adolescents. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1915-1918.	5.7	6
84	High-Sensitivity C-Reactive Protein and Allergic Endpoints in German Adolescents. International Archives of Allergy and Immunology, 2019, 179, 152-157.	2.1	5
85	Ozone exposure and health effects: a protocol for an umbrella review and effect-specific systematic maps. BMJ Open, 2020, 10, e034854.	1.9	5
86	Long-term Air Pollution Exposure Under European Union Limits and Adolescentsâ€™ Lung Function. Chest, 2021, 160, 249-258.	0.8	4
87	The Authors Respond. Epidemiology, 2016, 27, e26-e28.	2.7	3
88	Cleanliness, hygienic habits, and aeroallergen sensitization: German Bitterfeld 3 study. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1017-1019.	5.7	3
89	Home gardens and distances to nature associated with behavior problems in alpine schoolchildren: Role of secondhand smoke exposure and biomarkers. International Journal of Hygiene and Environmental Health, 2022, 243, 113975.	4.3	3
90	Early life travelling does not increase risk of atopic outcomes until 15 years: results from <scp>GINI</scp>plus and <scp>LISA</scp>plus. Clinical and Experimental Allergy, 2017, 47, 395-400.	2.9	2

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91	Lung health in adulthood after childhood exposure to air pollution and greenness. , 2018, , .		2
92	Early-life exposure to air pollution and lung function development into adolescence: the GINIplus/LISA birth cohorts. , 2020, , .		2
93	4th Pediatric Allergy and Asthma Meeting (PAAM). Clinical and Translational Allergy, 2016, 6, .	3.2	1
94	The Burden of COPD Due to Ozone Exposure in Germany. Deutsches Ärzteblatt International, 2021, 118, 491-496.	0.9	1
95	Long-term air pollution exposure is associated with sick leave 20 years later. , 2018, , .		1
96	Long-Term Air Pollution Exposure And Lung Function In 15 Year-Old Adolescents Living In An Urban And Rural Area In Germany. ISEE Conference Abstracts, 2015, 2015, 530.	0.0	1
97	Residential greenness and lung function in a prospective cohort of European adults: The ECRHS study. , 2019, , .		1
98	Residential green space and age at menarche in German and Australian adolescent girls: A longitudinal study. International Journal of Hygiene and Environmental Health, 2022, 240, 113917.	4.3	1
99	Ambient ozone exposure and bone turnover markers in children: Results from the GINIplus and LISA birth cohorts. Environmental Research, 2022, 214, 113784.	7.5	1
100	OP I â€“ 6â€…Outdoor air pollution, greenspace and incidence of adhd in saxony: a semi-individual cohort study. , 2018, , .		0
101	Association of neighborhood greenness with depressive symptoms in elderly women. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
102	Chronic obstructive pulmonary disease (COPD) attributable to ozone in Germany: Burden of disease estimates for the years 2007-2016. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
103	Greenness And Social Inequality In Germany. ISEE Conference Abstracts, 2015, 2015, 531.	0.0	0
104	Residential greenness and blood lipids in children: A longitudinal analysis. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
105	Traffic-related air pollution and hyperactivity, dyslexia and dyscalculia in German adolescents. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
106	VegetationsintensitÃt, Luftschadstoffe und inzidente Krebserkrankungen in der Wohnumgebung: eine semiÃ¶kologische Analyse in Sachsen. , 2017, 79, .		0
107	Residential PM2.5 and greenness may modify the effect of physical activity on lung function. , 2017, , .		0
108	Indoor Green Determinants: Outdoor Green and Other Home Characteristics. ISEE Conference Abstracts, 2018, 2017, 233.	0.0	0

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109	Surrounding Residential Greenness does not Confound Associations between Pet Ownership and Endotoxins in Germany. ISEE Conference Abstracts, 2018, 2017, 97.	0.0	0
110	The Association Between Exposure to Greenness and Blood Pressure in Children: Findings from the Seven Northeastern Cities Study in China. SSRN Electronic Journal, 0, , .	0.4	0
111	Modification of Caesarean Section on the Associations between Air Pollution and Asthma in Seven Chinese Cities. SSRN Electronic Journal, 0, , .	0.4	0
112	Preconception air pollution exposure and early onset asthma and hay fever in the offspring. , 2019, , .		0
113	Lung function up to adolescence and residential greenspace. , 2019, , .		0
114	Ozone and COPD: a systematic map of epidemiological and experimental studies. , 2020, , .		0
115	NeuroSmog: Determining the impact of air pollution on the developing brain - outline of the project protocol. ISEE Conference Abstracts, 2020, 2020, .	0.0	0