X Basagana

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6442586/publications.pdf

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244	16,318	9428	24511
papers	citations	76 h-index	114 g-index

253	253	253	18859
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Green spaces and cognitive development in primary schoolchildren. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7937-7942.	3.3	577
2	Natural outdoor environments and mental and physical health: Relationships and mechanisms. Environment International, 2015, 77, 35-41.	4.8	435
3	Association between Traffic-Related Air Pollution in Schools and Cognitive Development in Primary School Children: A Prospective Cohort Study. PLoS Medicine, 2015, 12, e1001792.	3.9	399
4	Green spaces and General Health: Roles of mental health status, social support, and physical activity. Environment International, 2016, 91, 161-167.	4.8	380
5	The Human Early-Life Exposome (HELIX): Project Rationale and Design. Environmental Health Perspectives, 2014, 122, 535-544.	2.8	280
6	Identification and prospective validation of clinically relevant chronic obstructive pulmonary disease (COPD) subtypes. Thorax, 2011, 66, 430-437.	2.7	271
7	Green and Blue Spaces and Behavioral Development in Barcelona Schoolchildren: The BREATHE Project. Environmental Health Perspectives, 2014, 122, 1351-1358.	2.8	268
8	Risks and Benefits of Green Spaces for Children: A Cross-Sectional Study of Associations with Sedentary Behavior, Obesity, Asthma, and Allergy. Environmental Health Perspectives, 2014, 122, 1329-1335.	2.8	261
9	Comorbidity of eczema, rhinitis, and asthma in IgE-sensitised and non-IgE-sensitised children in MeDALL: a population-based cohort study. Lancet Respiratory Medicine,the, 2014, 2, 131-140.	5.2	250
10	Identifying adult asthma phenotypes using a clustering approach. European Respiratory Journal, 2011, 38, 310-317.	3.1	234
11	Heat Waves and Cause-specific Mortality at all Ages. Epidemiology, 2011, 22, 765-772.	1.2	229
12	Green space, health inequality and pregnancy. Environment International, 2012, 40, 110-115.	4.8	223
13	Surrounding Greenness and Pregnancy Outcomes in Four Spanish Birth Cohorts. Environmental Health Perspectives, 2012, 120, 1481-1487.	2.8	210
14	Ambient Air Pollution and the Progression of Atherosclerosis in Adults. PLoS ONE, 2010, 5, e9096.	1.1	204
15	Surrounding Greenness and Exposure to Air Pollution During Pregnancy: An Analysis of Personal Monitoring Data. Environmental Health Perspectives, 2012, 120, 1286-1290.	2.8	183
16	Urban and Transport Planning Related Exposures and Mortality: A Health Impact Assessment for Cities. Environmental Health Perspectives, 2017, 125, 89-96.	2.8	173
17	Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. BMJ Open, 2018, 8, e021311.	0.8	161
18	Socioeconomic Status and Asthma Prevalence in Young Adults: The European Community Respiratory Health Survey. American Journal of Epidemiology, 2004, 160, 178-188.	1.6	156

#	Article	IF	Citations
19	A Systematic Comparison of Linear Regressionâ€“Based Statistical Methods to Assess Exposome-Health Associations. Environmental Health Perspectives, 2016, 124, 1848-1856.	2.8	151
20	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM ₁₀ Concentrations and Short-Term Associations with Mortality and Hospital Admissions. Environmental Health Perspectives, 2016, 124, 413-419.	2.8	148
21	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 596-604.	2.7	146
22	Inequality, green spaces, and pregnant women: Roles of ethnicity and individual and neighbourhood socioeconomic status. Environment International, 2014, 71, 101-108.	4.8	146
23	The association between greenness and traffic-related air pollution at schools. Science of the Total Environment, 2015, 523, 59-63.	3.9	146
24	Mechanisms of the Development of Allergy (MeDALL): Introducing novel concepts in allergy phenotypes. Journal of Allergy and Clinical Immunology, 2017, 139, 388-399.	1.5	145
25	Effect of the number of measurement sites on land use regression models in estimating local air pollution. Atmospheric Environment, 2012, 54, 634-642.	1.9	144
26	Effects of Heat Waves on Mortality. Epidemiology, 2014, 25, 15-22.	1.2	140
27	Early-Life Environmental Exposures and Childhood Obesity: An Exposome-Wide Approach. Environmental Health Perspectives, 2020, 128, 67009.	2.8	135
28	Air pollution and human fertility rates. Environment International, 2014, 70, 9-14.	4.8	128
29	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
30	Statistical Approaches to Address Multi-Pollutant Mixtures and Multiple Exposures: the State of the Science. Current Environmental Health Reports, 2017, 4, 481-490.	3.2	128
31	Exposure to Endocrine-Disrupting Chemicals during Pregnancy and Weight at 7 Years of Age: A Multi-pollutant Approach. Environmental Health Perspectives, 2015, 123, 1030-1037.	2.8	124
32	Residential Proximity to Major Roads and Term Low Birth Weight. Epidemiology, 2014, 25, 518-525.	1.2	122
33	Traffic-Related Air Pollution, Noise at School, and Behavioral Problems in Barcelona Schoolchildren: A Cross-Sectional Study. Environmental Health Perspectives, 2016, 124, 529-535.	2.8	122
34	In-utero and childhood chemical exposome in six European mother-child cohorts. Environment International, 2018, 121, 751-763.	4.8	122
35	Positivehealtheffects of thenaturaloutdoor environment intypicalpopulations in different regions inEurope (PHENOTYPE): a study programme protocol. BMJ Open, 2014, 4, e004951.	0.8	120
36	Short-term respiratory effects of cleaning exposures in female domestic cleaners. European Respiratory Journal, 2006, 27, 1196-1203.	3.1	114

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37	The PROactive instruments to measure physical activity in patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2015, 46, 988-1000.	3.1	114
38	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
39	Ambient Air Pollution and Preeclampsia: A Spatiotemporal Analysis. Environmental Health Perspectives, 2013, 121, 1365-1371.	2.8	108
40	Changes in the Effect of Heat on Mortality in the Last 20 Years in Nine European Cities. Results from the PHASE Project. International Journal of Environmental Research and Public Health, 2015, 12, 15567-15583.	1.2	108
41	The Association between Lifelong Greenspace Exposure and 3-Dimensional Brain Magnetic Resonance Imaging in Barcelona Schoolchildren. Environmental Health Perspectives, 2018, 126, 027012.	2.8	107
42	Variability of urinary concentrations of non-persistent chemicals in pregnant women and school-aged children. Environment International, 2018, 121, 561-573.	4.8	106
43	Differences on the effect of heat waves on mortality by sociodemographic and urban landscape characteristics. Journal of Epidemiology and Community Health, 2013, 67, 519-525.	2.0	103
44	Traffic-Related Air Pollution and Congenital Anomalies in Barcelona. Environmental Health Perspectives, 2014, 122, 317-323.	2.8	103
45	Early-Life Environmental Exposures and Blood Pressure in Children. Journal of the American College of Cardiology, 2019, 74, 1317-1328.	1.2	103
46	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. Journal of Allergy and Clinical Immunology, 2019, 143, 864-879.	1.5	103
47	Colorectal cancer risk and nitrate exposure through drinking water and diet. International Journal of Cancer, 2016, 139, 334-346.	2.3	101
48	Synergistic Effects of Ambient Temperature and Air Pollution on Health in Europe: Results from the PHASE Project. International Journal of Environmental Research and Public Health, 2018, 15, 1856.	1.2	101
49	Mobile technology offers novel insights into the control and treatment of allergic rhinitis: The MASK study. Journal of Allergy and Clinical Immunology, 2019, 144, 135-143.e6.	1.5	101
50	Effect of nitrogen dioxide and ozone on the risk of dying in patients with severe asthma. Thorax, 2002, 57, 687-693.	2.7	100
51	High Blood Pressure and Long-Term Exposure to Indoor Noise and Air Pollution from Road Traffic. Environmental Health Perspectives, 2014, 122, 1193-1200.	2.8	100
52	Short-term effects of particulate matter constituents on daily hospitalizations and mortality in five South-European cities: Results from the MED-PARTICLES project. Environment International, 2015, 75, 151-158.	4.8	100
53	Early-life exposome and lung function in children in Europe: an analysis of data from the longitudinal, population-based HELIX cohort. Lancet Planetary Health, The, 2019, 3, e81-e92.	5.1	100
54	Risk factors of newâ€onset asthma in adults: a populationâ€based international cohort study. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1021-1030.	2.7	98

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55	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.	2.5	98
56	Lifelong Residential Exposure to Green Space and Attention: A Population-based Prospective Study. Environmental Health Perspectives, 2017, 125, 097016.	2.8	97
57	Evaluation of Land Use Regression Models for NO₂ and Particulate Matter in 20 European Study Areas: The ESCAPE Project. Environmental Science & Technology, 2013, 47, 4357-4364.	4.6	96
58	The association of air pollution and greenness with mortality and life expectancy in Spain: A small-area study. Environment International, 2017, 99, 170-176.	4.8	96
59	Spatial distribution of ultrafine particles in urban settings: A land use regression model. Atmospheric Environment, 2012, 54, 657-666.	1.9	95
60	Air pollution and biomarkers of systemic inflammation and tissue repair in COPD patients. European Respiratory Journal, 2014, 44, 603-613.	3.1	94
61	Diet as a Source of Exposure to Environmental Contaminants for Pregnant Women and Children from Six European Countries. Environmental Health Perspectives, 2019, 127, 107005.	2.8	94
62	Particles, and not gases, are associated with the risk of death in patients with chronic obstructive pulmonary disease. International Journal of Epidemiology, 2001, 30, 1138-1140.	0.9	90
63	Health impacts related to urban and transport planning: A burden of disease assessment. Environment International, 2017, 107, 243-257.	4.8	90
64	Residential Surrounding Greenness and Cognitive Decline: A 10-Year Follow-up of the Whitehall II Cohort. Environmental Health Perspectives, 2018, 126, 077003.	2.8	90
65	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. Hepatology, 2020, 72, 1758-1770.	3.6	90
66	Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. Clinical and Translational Allergy, 2019, 9, 44.	1.4	87
67	Incidence of Asthma and Its Determinants among Adults in Spain. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1133-1137.	2.5	86
68	Models with Transformed Variables. Epidemiology, 2015, 26, e16-e17.	1.2	86
69	Local determinants of road traffic noise levels versus determinants of air pollution levels in a Mediterranean city. Environmental Research, 2011, 111, 177-183.	3.7	85
70	Severe Chronic Allergic (and Related) Diseases: A Uniform Approach â€“ A MeDALL â€“ GA²LEN â€“ ARIA Position Paper. International Archives of Allergy and Immunology, 2012, 158, 216-231.	0.9	83
71	Prenatal exposure to PCB-153, p,pâ€²-DDE and birth outcomes in 9000 motherâ€“child pairs: Exposureâ€“response relationship and effect modifiers. Environment International, 2015, 74, 23-31.	4.8	83
72	The early-life exposome: Description and patterns in six European countries. Environment International, 2019, 123, 189-200.	4.8	83

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73	Climate Extremes and the Length of Gestation. Environmental Health Perspectives, 2011, 119, 1449-1453.	2.8	82
74	Association between Early Life Exposure to Air Pollution and Working Memory and Attention. Environmental Health Perspectives, 2019, 127, 57002.	2.8	82
75	The Pregnancy Exposome: Multiple Environmental Exposures in the INMA-Sabadell Birth Cohort. Environmental Science & Technology, 2015, 49, 10632-10641.	4.6	81
76	Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. Clinical and Translational Allergy, 2019, 9, 16.	1.4	81
77	Green and blue spaces and physical functioning in older adults: Longitudinal analyses of the Whitehall II study. Environment International, 2019, 122, 346-356.	4.8	81
78	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. European Journal of Epidemiology, 2020, 35, 709-724.	2.5	81
79	Which specific causes of death are associated with short term exposure to fine and coarse particles in Southern Europe? Results from the MED-PARTICLES project. Environment International, 2014, 67, 54-61.	4.8	80
80	Phenotyping asthma, rhinitis and eczema in <scp>M</scp>e<scp>DALL</scp> populationâ€based birth cohorts: an allergic comorbidity cluster. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 973-984.	2.7	79
81	Paving the way of systems biology and precision medicine in allergic diseases: the Me <scp>DALL</scp> success story. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 1513-1525.	2.7	77
82	The Urban Exposome during Pregnancy and Its Socioeconomic Determinants. Environmental Health Perspectives, 2018, 126, 077005.	2.8	77
83	Neurodevelopmental Deceleration by Urban Fine Particles from Different Emission Sources: A Longitudinal Observational Study. Environmental Health Perspectives, 2016, 124, 1630-1636.	2.8	76
84	Sun and Ski Holidays Improve Vitamin D Status, but Are Associated with High Levels of DNA Damage. Journal of Investigative Dermatology, 2014, 134, 2806-2813.	0.3	74
85	High Ambient Temperatures and Risk of Motor Vehicle Crashes in Catalonia, Spain (2000â€“2011): A Time-Series Analysis. Environmental Health Perspectives, 2015, 123, 1309-1316.	2.8	74
86	Association of Long-Term Exposure to Traffic-Related Air Pollution with Blood Pressure and Hypertension in an Adult Populationâ€“Based Cohort in Spain (the REGICOR Study). Environmental Health Perspectives, 2014, 122, 404-411.	2.8	72
87	Air Pollution, Noise, Blue Space, and Green Space and Premature Mortality in Barcelona: A Mega Cohort. International Journal of Environmental Research and Public Health, 2018, 15, 2405.	1.2	72
88	Impact of commuting exposure to traffic-related air pollution on cognitive development in children walking to school. Environmental Pollution, 2017, 231, 837-844.	3.7	71
89	POLLAR: Impact of air POLLution on Asthma and Rhinitis; a European Institute of Innovation and Technology Health (EIT Health) project. Clinical and Translational Allergy, 2018, 8, 36.	1.4	70
90	Understanding the complexity of IgE-related phenotypes from childhood to young adulthood: A Mechanisms of the Development of Allergy (MeDALL) Seminar. Journal of Allergy and Clinical Immunology, 2012, 129, 943-954.e4.	1.5	68

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91	Traffic-related Air Pollution and Attention in Primary School Children. Epidemiology, 2017, 28, 181-189.	1.2	68
92	Use of green spaces, self-satisfaction and social contacts in adolescents: A population-based CASPIAN-V study. Environmental Research, 2019, 168, 171-177.	3.7	67
93	Investigating Air Pollution and Atherosclerosis in Humans: Concepts and Outlook. Progress in Cardiovascular Diseases, 2011, 53, 334-343.	1.6	66
94	Circadian Variation of Melatonin, Light Exposure, and Diurnal Preference in Day and Night Shift Workers of Both Sexes. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 1176-1186.	1.1	66
95	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
96	Association between ambient temperature and heat waves with mortality in South Asia: Systematic review and meta-analysis. Environment International, 2021, 146, 106170.	4.8	66
97	Influence of the Urban Exposome on Birth Weight. Environmental Health Perspectives, 2019, 127, 47007.	2.8	65
98	Longitudinal association between air pollution exposure at school and cognitive development in school children over a period of 3.5 years. Environmental Research, 2017, 159, 416-421.	3.7	64
99	Cognitive Function and Overweight in Preschool Children. American Journal of Epidemiology, 2009, 170, 438-446.	1.6	63
100	Evaluation of the Impact of Ambient Temperatures on Occupational Injuries in Spain. Environmental Health Perspectives, 2018, 126, 067002.	2.8	63
101	Application of land use regression modelling to assess the spatial distribution of road traffic noise in three European cities. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 97-105.	1.8	62
102	Heat and air pollution exposure as triggers of delivery: A survival analysis of population-based pregnancy cohorts in Rome and Barcelona. Environment International, 2016, 88, 153-159.	4.8	60
103	Measurement Error in Epidemiologic Studies of Air Pollution Based on Land-Use Regression Models. American Journal of Epidemiology, 2013, 178, 1342-1346.	1.6	57
104	Elemental Constituents of Particulate Matter and Newbornâ€™s Size in Eight European Cohorts. Environmental Health Perspectives, 2016, 124, 141-150.	2.8	57
105	Long-term exposure to greenspace and metabolic syndrome: A Whitehall II study. Environmental Pollution, 2019, 255, 113231.	3.7	57
106	International Assessment of the Internal Consistency of Respiratory Symptoms. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 930-935.	2.5	56
107	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. Clinical and Translational Allergy, 2020, 10, 58.	1.4	56
108	Anogenital Distances in Newborns and Children from <scp>S</scp>pain and <scp>G</scp>reece: Predictors, Tracking and Reliability. Paediatric and Perinatal Epidemiology, 2013, 27, 89-99.	0.8	54

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109	Increased and Mistimed Sex Hormone Production in Night Shift Workers. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 854-863.	1.1	54
110	Association between Long-Term Exposure to Traffic-Related Air Pollution and Subclinical Atherosclerosis: The REGICOR Study. Environmental Health Perspectives, 2013, 121, 223-230.	2.8	53
111	A Framework for Multiple Imputation in Cluster Analysis. American Journal of Epidemiology, 2013, 177, 718-725.	1.6	53
112	Exposure to Trihalomethanes through Different Water Uses and Birth Weight, Small for Gestational Age, and Preterm Delivery in Spain. Environmental Health Perspectives, 2011, 119, 1824-1830.	2.8	52
113	A time series study on the effects of heat on mortality and evaluation of heterogeneity into European and Eastern-Southern Mediterranean cities: results of EU CIRCE project. Environmental Health, 2013, 12, 55.	1.7	52
114	Effect of public transport strikes on air pollution levels in Barcelona (Spain). Science of the Total Environment, 2018, 610-611, 1076-1082.	3.9	52
115	Analysis of multicentre epidemiological studies: contrasting fixed or random effects modelling and meta-analysis. International Journal of Epidemiology, 2018, 47, 1343-1354.	0.9	52
116	Early-life environmental exposure determinants of child behavior in Europe: A longitudinal, population-based study. Environment International, 2021, 153, 106523.	4.8	52
117	A systematic comparison of statistical methods to detect interactions in exposome-health associations. Environmental Health, 2017, 16, 74.	1.7	51
118	Smoking habit, respiratory symptoms and lung function in young adults. European Journal of Public Health, 2005, 15, 160-165.	0.1	50
119	Exposure to phthalate metabolites, phenols and organophosphate pesticide metabolites and blood pressure during pregnancy. International Journal of Hygiene and Environmental Health, 2019, 222, 446-454.	2.1	50
120	Socioeconomic position and outdoor nitrogen dioxide (NO2) exposure in Western Europe: A multi-city analysis. Environment International, 2017, 101, 117-124.	4.8	49
121	Personal, indoor and outdoor air pollution levels among pregnant women. Atmospheric Environment, 2013, 64, 287-295.	1.9	48
122	Short-term exposure to traffic-related air pollution and ischemic stroke onset in Barcelona, Spain. Environmental Research, 2018, 162, 160-165.	3.7	48
123	Temporal changes in temperature-related mortality in Spain and effect of the implementation of a Heat Health Prevention Plan. Environmental Research, 2019, 169, 102-113.	3.7	48
124	Applying the exposome concept in birth cohort research: a review of statistical approaches. European Journal of Epidemiology, 2020, 35, 193-204.	2.5	48
125	Differences Between Marginal Structural Models and Conventional Models in Their Exposure Effect Estimates. Epidemiology, 2011, 22, 586-588.	1.2	47
126	The Added Benefit of Bicycle Commuting on the Regular Amount of Physical Activity Performed. American Journal of Preventive Medicine, 2015, 49, 842-849.	1.6	47

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127	Particulate air pollution and preeclampsia: a source-based analysis. Occupational and Environmental Medicine, 2014, 71, 570-577.	1.3	46
128	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. Occupational and Environmental Medicine, 2015, 72, 123-129.	1.3	46
129	Interactions Between Air Pollution and Pollen Season for Rhinitis Using Mobile Technology: A MASK-POLLAR Study. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1063-1073.e4.	2.0	46
130	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 168-190.	2.7	46
131	Mobile Technology in Allergic Rhinitis: Evolution in Management or Revolution in Health and Care?. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2511-2523.	2.0	44
132	Early life multiple exposures and child cognitive function: A multi-centric birth cohort study in six European countries. Environmental Pollution, 2021, 284, 117404.	3.7	44
133	Air Pollution and Preterm Premature Rupture of Membranes: A Spatiotemporal Analysis. American Journal of Epidemiology, 2014, 179, 200-207.	1.6	43
134	Green spaces and spectacles use in schoolchildren in Barcelona. Environmental Research, 2017, 152, 256-262.	3.7	42
135	Spatio-temporal variation of urban ultrafine particle number concentrations. Atmospheric Environment, 2014, 96, 275-283.	1.9	41
136	Exposure to elemental composition of outdoor PM 2.5 at birth and cognitive and psychomotor function in childhood in four European birth cohorts. Environment International, 2017, 109, 170-180.	4.8	41
137	A Longitudinal Study on Attention Development in Primary School Children with and without Teacher-Reported Symptoms of ADHD. Frontiers in Psychology, 2017, 8, 655.	1.1	39
138	Work related asthma. A causal analysis controlling the healthy worker effect. Occupational and Environmental Medicine, 2013, 70, 603-610.	1.3	38
139	Association of residential air pollution, noise, and greenspace with initial ischemic stroke severity.. Environmental Research, 2019, 179, 108725.	3.7	37
140	Concentrations and determinants of NO2 in homes of Ashford, UK and Barcelona and Menorca, Spain. Indoor Air, 2004, 14, 298-304.	2.0	36
141	Residential urban greenspace and hypertension: A comparative study in two European cities. Environmental Research, 2020, 191, 110032.	3.7	36
142	Spatial modeling of geographic inequalities in infant and child mortality across Nepal. Health and Place, 2011, 17, 929-936.	1.5	34
143	Treatment of allergic rhinitis during and outside the pollen season using mobile technology. A MASK study. Clinical and Translational Allergy, 2020, 10, 62.	1.4	34
144	The impact of future summer temperature on public health in Barcelona and Catalonia, Spain. International Journal of Biometeorology, 2012, 56, 1135-1144.	1.3	33

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145	New frontiers for environmental epidemiology in a changing world. Environment International, 2017, 104, 155-162.	4.8	33
146	Prenatal and postnatal exposure to PFAS and cardiometabolic factors and inflammation status in children from six European cohorts. Environment International, 2021, 157, 106853.	4.8	33
147	Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. Environmental Health Perspectives, 2020, 128, 27005.	2.8	32
148	Correlation between work impairment, scores of rhinitis severity and asthma using the MASKâ€air^{Â®} App. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1672-1688.	2.7	32
149	Monitoring of heavy metal concentrations in home outdoor air using moss bags. Environmental Pollution, 2011, 159, 954-962.	3.7	31
150	Use of green spaces and blood glucose in children; a population-based CASPIAN-V study. Environmental Pollution, 2018, 243, 1134-1140.	3.7	31
151	Validity, reliability, and responsiveness of daily monitoring visual analog scales in MASKâ€airÂ®. Clinical and Translational Allergy, 2021, 11, e12062.	1.4	31
152	Mean and variance of greenness and pregnancy outcomes in Tel Aviv during 2000â€“14: longitudinal and cross-sectional approaches. International Journal of Epidemiology, 2019, 48, 1054-1072.	0.9	30
153	Association of Fish Consumption and Mercury Exposure During Pregnancy With Metabolic Health and Inflammatory Biomarkers in Children. JAMA Network Open, 2020, 3, e201007.	2.8	30
154	Prenatal exposure to a wide range of environmental chemicals and child behaviour between 3 and 7Âyears of age â€“ An exposome-based approach in 5 European cohorts. Science of the Total Environment, 2021, 763, 144115.	3.9	29
155	Methods for Handling Missing Variables in Risk Prediction Models. American Journal of Epidemiology, 2016, 184, 545-551.	1.6	28
156	The Role of Socioeconomic Status in the Association of Lung Function and Air Pollutionâ€”A Pooled Analysis of Three Adult ESCAPE Cohorts. International Journal of Environmental Research and Public Health, 2019, 16, 1901.	1.2	28
157	Association between the pregnancy exposome and fetal growth. International Journal of Epidemiology, 2020, 49, 572-586.	0.9	28
158	Comprehensive study of the exposome and omic data using rexposome Bioconductor Packages. Bioinformatics, 2019, 35, 5344-5345.	1.8	27
159	Personal assessment of the external exposome during pregnancy and childhood in Europe.. Environmental Research, 2019, 174, 95-104.	3.7	27
160	Specific sensitization to common allergens and pulmonary function in the European Community Respiratory Health Survey. Clinical and Experimental Allergy, 2002, 32, 1713-1719.	1.4	26
161	Urban environment during early-life and blood pressure in young children. Environment International, 2021, 146, 106174.	4.8	26
162	Traffic-related air pollution and spectacles use in schoolchildren. PLoS ONE, 2017, 12, e0167046.	1.1	25

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163	Low and High Ambient Temperatures during Pregnancy and Birth Weight among 624,940 Singleton Term Births in Israel (2010â€“2014): An Investigation of Potential Windows of Susceptibility. Environmental Health Perspectives, 2021, 129, 107001.	2.8	25
164	LINE-1 methylation in granulocyte DNA and trihalomethane exposure is associated with bladder cancer risk. Epigenetics, 2014, 9, 1532-1539.	1.3	24
165	Temporal changes in the effects of ambient temperatures on hospital admissions in Spain. PLoS ONE, 2019, 14, e0218262.	1.1	24
166	Advancing tools for human early lifecourse exposome research and translation (ATHLETE). Environmental Epidemiology, 2021, 5, e166.	1.4	24
167	Relations between respiratory symptoms and spirometric values in young adults: the European community respiratory health study. Respiratory Medicine, 2004, 98, 1025-1033.	1.3	23
168	Weather and gastrointestinal disease in Spain: A retrospective time series regression study. Environment International, 2018, 121, 649-657.	4.8	23
169	Variability of multi-omics profiles in a population-based child cohort. BMC Medicine, 2021, 19, 166.	2.3	23
170	Urban environment and obesity and weight-related behaviours in primary school children. Environment International, 2021, 155, 106700.	4.8	23
171	Power and sample size calculations for longitudinal studies comparing rates of change with a timeâ€varying exposure. Statistics in Medicine, 2010, 29, 181-192.	0.8	22
172	Using methylome data to inform exposome-health association studies: An application to the identification of environmental drivers of child body mass index. Environment International, 2020, 138, 105622.	4.8	22
173	Narrative review of citizen science in environmental epidemiology: Setting the stage for co-created research projects in environmental epidemiology. Environment International, 2021, 152, 106470.	4.8	22
174	Measurement errors in the assessment of exposure to solar ultraviolet radiation and its impact on risk estimates in epidemiological studies. Photochemical and Photobiological Sciences, 2011, 10, 1161-1168.	1.6	21
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