Johanna Lepeule

List of Publications by Year
in descending order

89	5,434	126907	88630
papers	citations	33 h-index	70 g-index

96	96	96	8588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic Exposure to Fine Particles and Mortality: An Extended Follow-up of the Harvard Six Cities Study from 1974 to 2009. Environmental Health Perspectives, 2012, 120, 965-970.	6.0	767
2	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	6.2	717
3	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). Lancet Respiratory Medicine,the, 2013, 1, 695-704.	10.7	464
4	Maternal Exposure to Particulate Air Pollution and Term Birth Weight: A Multi-Country Evaluation of Effect and Heterogeneity. Environmental Health Perspectives, 2013, 121, 267-373.	6.0	339
5	LFMM 2: Fast and Accurate Inference of Gene-Environment Associations in Genome-Wide Studies. Molecular Biology and Evolution, 2019, 36, 852-860.	8.9	183
6	Epigenome-Wide Meta-Analysis of Methylation in Children Related to Prenatal NO ₂ Air Pollution Exposure. Environmental Health Perspectives, 2017, 125, 104-110.	6.0	176
7	Air pollution and gene-specific methylation in the Normative Aging Study. Epigenetics, 2014, 9, 448-458.	2.7	159
8	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
9	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	6.0	111
10	Epigenetic Influences on Associations between Air Pollutants and Lung Function in Elderly Men: The Normative Aging Study. Environmental Health Perspectives, 2014, 122, 566-572.	6.0	97
11	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. Environment International, 2018, 118, 334-347.	10.0	93
12	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.	5.7	81
13	The Urban Exposome during Pregnancy and Its Socioeconomic Determinants. Environmental Health Perspectives, 2018, 126, 077005.	6.0	77
14	Prenatal Exposure to Select Phthalates and Phenols and Associations with Fetal and Placental Weight among Male Births in the EDEN Cohort (France). Environmental Health Perspectives, 2019, 127, 17002.	6.0	77
15	Long-Term Effects of Traffic Particles on Lung Function Decline in the Elderly. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 542-548.	5.6	74
16	Short-Term Impact of Atmospheric Pollution on Fecundability. Epidemiology, 2013, 24, 871-879.	2.7	71
17	Association of growth, feeding practices and exercise conditions with the prevalence of Developmental Orthopaedic Disease in limbs of French foals at weaning. Preventive Veterinary Medicine, 2009, 89, 167-177.	1.9	68
18	Roadmap for investigating epigenome deregulation and environmental origins of cancer. International Journal of Cancer, 2018, 142, 874-882.	5.1	64

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19	Lung function association with outdoor temperature and relative humidity and its interaction with air pollution in the elderly. Environmental Research, 2018, 165, 110-117.	7.5	62
20	Health effects of ambient air pollution: Do different methods for estimating exposure lead to different results?. Environment International, 2014, 66, 165-173.	10.0	59
21	Short-term Impact of Ambient Air Pollution and Air Temperature on Blood Pressure Among Pregnant Women. Epidemiology, 2011, 22, 671-679.	2.7	56
22	Exposure to heavy metals during pregnancy related to gestational diabetes mellitus in diabetes-free mothers. Science of the Total Environment, 2019, 656, 870-876.	8.0	55
23	Analysis of multicentre epidemiological studies: contrasting fixed or random effects modelling and meta-analysis. International Journal of Epidemiology, 2018, 47, 1343-1354.	1.9	52
24	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
25	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. Environmental Health Perspectives, 2011, 119, 1023-1028.	6.0	50
26	Gene promoter methylation is associated with lung function in the elderly: The normative aging study. Epigenetics, 2012, 7, 261-269.	2.7	50
27	Estimation of exposure to atmospheric pollutants during pregnancy integrating spaceâ€“time activity and indoor air levels: Does it make a difference?. Environment International, 2015, 84, 161-173.	10.0	47
28	The early-life exposome and epigenetic age acceleration in children. Environment International, 2021, 155, 106683.	10.0	47
29	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	8.2	41
30	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. Nature Communications, 2021, 12, 5095.	12.8	41
31	Obesity is associated with shorter telomeres in 8 year-old children. Scientific Reports, 2019, 9, 18739.	3.3	40
32	Pregnancy exposure to atmospheric pollutants and placental weight: An approach relying on a dispersion model. Environment International, 2012, 48, 47-55.	10.0	37
33	Epigenetic Alterations of Maternal Tobacco Smoking during Pregnancy: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 5083.	2.6	36
34	The Influence of Meteorological Factors and Atmospheric Pollutants on the Risk of Preterm Birth. American Journal of Epidemiology, 2017, 185, 247-258.	3.4	35
35	Deciphering the Impact of Early-Life Exposures to Highly Variable Environmental Factors on Foetal and Child Health: Design of SEPAGES Couple-Child Cohort. International Journal of Environmental Research and Public Health, 2019, 16, 3888.	2.6	35
36	Impact of Geocoding Methods on Associations between Long-term Exposure to Urban Air Pollution and Lung Function. Environmental Health Perspectives, 2013, 121, 1054-1060.	6.0	34

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37	Chronic effects of air pollution on lung function after lung transplantation in the Systems prediction of Chronic Lung Allograft Dysfunction (SysCLAD) study. European Respiratory Journal, 2017, 49, 1600206.	6.7	34
38	Prenatal and Childhood Traffic-Related Air Pollution Exposure and Telomere Length in European Children: The HELIX Project. Environmental Health Perspectives, 2019, 127, 87001.	6.0	32
39	Association of growth, feeding practices and exercise conditions with the severity of the osteoarticular status of limbs in French foals. Veterinary Journal, 2013, 197, 65-71.	1.7	30
40	Modelling spatio-temporally resolved air temperature across the complex geo-climate area of France using satellite-derived land surface temperature data. International Journal of Climatology, 2017, 37, 296-304.	3.5	30
41	A multi-resolution air temperature model for France from MODIS and Landsat thermal data. Environmental Research, 2020, 183, 109244.	7.5	30
42	Radiographic findings of juvenile osteochondral conditions detected in 392 foals using a field radiographic protocol. Veterinary Journal, 2013, 197, 44-51.	1.7	29
43	Urban environment and cognitive and motor function in children from four European birth cohorts. Environment International, 2022, 158, 106933.	10.0	28
44	Identification of autosomal cis expression quantitative trait methylation (cis eQTMs) in childrenâ€™s blood. ELife, 2022, 11, .	6.0	28
45	The fraction of lung cancer incidence attributable to fine particulate air pollution in France: Impact of spatial resolution of air pollution models. Environment International, 2018, 121, 1079-1086.	10.0	27
46	Maternal Exposure to Nitrogen Dioxide during Pregnancy and Offspring Birth Weight: Comparison of Two Exposure Models. Environmental Health Perspectives, 2010, 118, 1483-1489.	6.0	25
47	The Effect of Older Siblings on Language Development as a Function of Age Difference and Sex. Psychological Science, 2019, 30, 1333-1343.	3.3	25
48	Immediate and durable effects of maternal tobacco consumption alter placental DNA methylation in enhancer and imprinted gene-containing regions. BMC Medicine, 2020, 18, 306.	5.5	24
49	Pregnancy exposure to synthetic phenols and placental DNA methylation â€" An epigenome-wide association study in male infants from the EDEN cohort. Environmental Pollution, 2021, 290, 118024.	7.5	24
50	Meta-analysis of epigenome-wide association studies in newborns and children show widespread sex differences in blood DNA methylation. Mutation Research - Reviews in Mutation Research, 2022, 789, 108415.	5.5	24
51	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. BMC Medicine, 2020, 18, 243.	5.5	22
52	Challenges Raised by Mediation Analysis in a High-Dimension Setting. Environmental Health Perspectives, 2020, 128, 55001.	6.0	22
53	Long-term exposure to black carbon, cognition and single nucleotide polymorphisms in microRNA processing genes in older men. Environment International, 2016, 88, 86-93.	10.0	21
54	Pregnancy exposure to phthalates and DNA methylation in male placenta â€" An epigenome-wide association study. Environment International, 2022, 160, 107054.	10.0	21

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55	Maternal nutritional determinants of colostrum fatty acids in the EDEN mother-child cohort. Clinical Nutrition, 2018, 37, 2127-2136.	5.0	20
56	Term birthweight and critical windows of prenatal exposure to average meteorological conditions and meteorological variability. Environment International, 2020, 142, 105847.	10.0	20
57	Maternal fine particulate matter exposure, polymorphism in xenobiotic-metabolizing genes and offspring birth weight. Reproductive Toxicology, 2010, 30, 600-612.	2.9	19
58	Developmental trajectories of motor skills during the preschool period. European Child and Adolescent Psychiatry, 2019, 28, 1461-1474.	4.7	19
59	Domain-specific physical activity and sedentary behavior during pregnancy and postpartum depression risk in the French EDEN and ELFE cohorts. Preventive Medicine, 2019, 121, 33-39.	3.4	19
60	A reliable severity scoring system for radiographic findings in the limbs of young horses. Veterinary Journal, 2013, 197, 52-57.	1.7	18
61	Study design for the investigation of likely aetiological factors of juvenile osteochondral conditions (JOCC) in foals and yearlings. Veterinary Journal, 2013, 197, 36-43.	1.7	18
62	The effect of oxidative stress polymorphisms on the association between long-term black carbon exposure and lung function among elderly men. Thorax, 2015, 70, 133-137.	5.6	18
63	Is atmospheric pollution exposure during pregnancy associated with individual and contextual characteristics? A nationwide study in France. Journal of Epidemiology and Community Health, 2017, 71, 1026-1036.	3.7	18
64	Survival Analysis to Estimate Association between Short-Term Mortality and Air Pollution. Environmental Health Perspectives, 2006, 114, 242-247.	6.0	17
65	Does consideration of larger study areas yield more accurate estimates of air pollution health effects? An illustration of the bias-variance trade-off in air pollution epidemiology. Environment International, 2013, 60, 23-30.	10.0	15
66	Risk factors for the presence and extent of Developmental Orthopaedic Disease in the limbs of young horses: Insights from a count model. Preventive Veterinary Medicine, 2011, 101, 96-106.	1.9	14
67	Profile of exposures and lung function in adults with asthma: An exposome approach in the EGEA study. Environmental Research, 2021, 196, 110422.	7.5	14
68	Developmental orthopaedic disease in limbs of foals: between-breed variations in the prevalence, location and severity at weaning. Animal, 2008, 2, 284-291.	3.3	13
69	Cord-blood vitamin D level and night sleep duration in preschoolers in the EDEN mother-child birth cohort. Sleep Medicine, 2019, 53, 70-74.	1.6	11
70	Gaussian Markov random fields improve ensemble predictions of daily 1Âkm PM2.5 and PM10 across France. Atmospheric Environment, 2021, 264, 118693.	4.1	11
71	Urban environment and health behaviours in children from six European countries. Environment International, 2022, 165, 107319.	10.0	11
72	Monthly analysis of PM ratio characteristics and its relation to AOD. Journal of the Air and Waste Management Association, 2017, 67, 27-38.	1.9	10

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73	Association between dietary patterns reflecting one-carbon metabolism nutrients intake before pregnancy and placental DNA methylation. Epigenetics, 2022, 17, 715-730.	2.7	9
74	Air pollution modeling and exposure assessment during pregnancy in the French Longitudinal Study of Children (ELFE). Atmospheric Environment, 2019, 205, 103-114.	4.1	7
75	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases. Environmental Epidemiology, 2022, 6, e184.	3.0	6
76	The early-life exposome modulates the effect of polymorphic inversions on DNA methylation. Communications Biology, 2022, 5, 455.	4.4	6
77	Is Ambient PM _{2.5} Sulfate Harmful? Schwartz and Lepeule Respond. Environmental Health Perspectives, 2012, 120, .	6.0	5
78	Short- and medium-term air pollution exposure, plasmatic protein levels and blood pressure in children. Environmental Research, 2022, 211, 113109.	7.5	5
79	Maternal Ambient Exposure to Atmospheric Pollutants during Pregnancy and Offspring Term Birth Weight in the Nationwide ELFE Cohort. International Journal of Environmental Research and Public Health, 2021, 18, 5806.	2.6	4
80	Performance of approaches relying on multidimensional intermediary data to decipher causal relationships between the exposome and health: A simulation study under various causal structures. Environment International, 2021, 153, 106509.	10.0	4
81	Sparse latent factor regression models for genome-wide and epigenome-wide association studies. Statistical Applications in Genetics and Molecular Biology, 2022, 21, .	0.6	4
82	ESTIMATION OF EXPOSURE TO URBAN AIR POLLUTION IN TWO CITIES USING A GAUSSIAN DISPERSION MODEL: THE EDEN-AIR PROJECT. ISEE Conference Abstracts, 2011, 2011, .	0.0	2
83	Maternal Exposure to Urban Air Pollution During Pregnancy Assessed by a Dispersion Model and Fetal Growth. Epidemiology, 2011, 22, S121.	2.7	2
84	Study of the Combined Effect of Maternal Tobacco Smoking and Polygenic Risk Scores on Birth Weight and Body Mass Index in Childhood. Frontiers in Genetics, 2022, 13, .	2.3	1
85	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, .	6.0	0
86	Association Between Short Term Variations in Atmospheric Pollutantsâ€™ Levels and the Couplesâ€™ Fecundability. Epidemiology, 2009, 20, S86.	2.7	0
87	Pregnancy exposure to phthalates and placental DNA methylation in the French EDEN cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
88	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, A691-A691.	6.0	0
89	An Overview of Recent Publications and Current Issues on Air Pollution and Pregnancy Outcomes. Epidemiology, 2009, 20, S259.	2.7	0