Johanna Lepeule

List of Publications by Year
in descending order

89	5,434	126708	88477
papers	citations	33 h-index	70 g-index

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

#	Article	IF	Citations
1	Association between dietary patterns reflecting one-carbon metabolism nutrients intake before pregnancy and placental DNA methylation. Epigenetics, 2022, 17, 715-730.	1.3	9
2	Urban environment and cognitive and motor function in children from four European birth cohorts. Environment International, 2022, 158, 106933.	4.8	28
3	Pregnancy exposure to phthalates and DNA methylation in male placenta â€" An epigenome-wide association study. Environment International, 2022, 160, 107054.	4.8	21
4	Sparse latent factor regression models for genome-wide and epigenome-wide association studies. Statistical Applications in Genetics and Molecular Biology, 2022, 21, .	0.2	4
5	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.	2.4	24
6	Identification of autosomal cis expression quantitative trait methylation (cis eQTMs) in childrenâ€™s blood. ELife, 2022, 11, .	2.8	28
7	Short- and medium-term air pollution exposure, plasmatic protein levels and blood pressure in children. Environmental Research, 2022, 211, 113109.	3.7	5
8	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases. Environmental Epidemiology, 2022, 6, e184.	1.4	6
9	The early-life exposome modulates the effect of polymorphic inversions on DNA methylation. Communications Biology, 2022, 5, 455.	2.0	6
10	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, .	1.1	1
11	Urban environment and health behaviours in children from six European countries. Environment International, 2022, 165, 107319.	4.8	11
12	Profile of exposures and lung function in adults with asthma: An exposome approach in the EGEA study. Environmental Research, 2021, 196, 110422.	3.7	14
13	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.	1.2	4
14	Epigenetic Alterations of Maternal Tobacco Smoking during Pregnancy: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 5083.	1.2	36
15	Placental DNA methylation signatures of maternal smoking during pregnancy and potential impacts on fetal growth. Nature Communications, 2021, 12, 5095.	5.8	41
16	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.	4.8	4
17	Pregnancy exposure to phthalates and placental DNA methylation in the French EDEN cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
18	The early-life exposome and epigenetic age acceleration in children. Environment International, 2021, 155, 106683.	4.8	47

#	Article	IF	Citations
19	Gaussian Markov random fields improve ensemble predictions of daily 1Âkm PM2.5 and PM10 across France. Atmospheric Environment, 2021, 264, 118693.	1.9	11
20	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.	3.7	24
21	Immediate and durable effects of maternal tobacco consumption alter placental DNA methylation in enhancer and imprinted gene-containing regions. BMC Medicine, 2020, 18, 306.	2.3	24
22	Term birthweight and critical windows of prenatal exposure to average meteorological conditions and meteorological variability. Environment International, 2020, 142, 105847.	4.8	20
23	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	3.6	41
24	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
25	In utero and childhood exposure to tobacco smoke and multi-layer molecular signatures in children. BMC Medicine, 2020, 18, 243.	2.3	22
26	Challenges Raised by Mediation Analysis in a High-Dimension Setting. Environmental Health Perspectives, 2020, 128, 55001.	2.8	22
27	A multi-resolution air temperature model for France from MODIS and Landsat thermal data. Environmental Research, 2020, 183, 109244.	3.7	30
28	Prenatal and Childhood Traffic-Related Air Pollution Exposure and Telomere Length in European Children: The HELIX Project. Environmental Health Perspectives, 2019, 127, 87001.	2.8	32
29	The Effect of Older Siblings on Language Development as a Function of Age Difference and Sex. Psychological Science, 2019, 30, 1333-1343.	1.8	25
30	Prenatal and postnatal exposure to air pollution and emotional and aggressive symptoms in children from 8 European birth cohorts. Environment International, 2019, 131, 104927.	4.8	51
31	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.	1.2	35
32	Prenatal Particulate Air Pollution and DNA Methylation in Newborns: An Epigenome-Wide Meta-Analysis. Environmental Health Perspectives, 2019, 127, 57012.	2.8	111
33	Air pollution modeling and exposure assessment during pregnancy in the French Longitudinal Study of Children (ELFE). Atmospheric Environment, 2019, 205, 103-114.	1.9	7
34	Developmental trajectories of motor skills during the preschool period. European Child and Adolescent Psychiatry, 2019, 28, 1461-1474.	2.8	19
35	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.	1.6	19
36	Obesity is associated with shorter telomeres in 8 year-old children. Scientific Reports, 2019, 9, 18739.	1.6	40

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37	LFMM 2: Fast and Accurate Inference of Gene-Environment Associations in Genome-Wide Studies. Molecular Biology and Evolution, 2019, 36, 852-860.	3.5	183
38	Exposure to heavy metals during pregnancy related to gestational diabetes mellitus in diabetes-free mothers. Science of the Total Environment, 2019, 656, 870-876.	3.9	55
39	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.	2.8	77
40	Cord-blood vitamin D level and night sleep duration in preschoolers in the EDEN mother-child birth cohort. Sleep Medicine, 2019, 53, 70-74.	0.8	11
41	Lung function association with outdoor temperature and relative humidity and its interaction with air pollution in the elderly. Environmental Research, 2018, 165, 110-117.	3.7	62
42	Roadmap for investigating epigenome deregulation and environmental origins of cancer. International Journal of Cancer, 2018, 142, 874-882.	2.3	64
43	Maternal nutritional determinants of colostrum fatty acids in the EDEN mother-child cohort. Clinical Nutrition, 2018, 37, 2127-2136.	2.3	20
44	The Urban Exposome during Pregnancy and Its Socioeconomic Determinants. Environmental Health Perspectives, 2018, 126, 077005.	2.8	77
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.	4.8	27
46	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
47	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. Environment International, 2018, 118, 334-347.	4.8	93
48	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.	1.5	30
49	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.	3.1	34
50	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.	2.0	18
51	The Influence of Meteorological Factors and Atmospheric Pollutants on the Risk of Preterm Birth. American Journal of Epidemiology, 2017, 185, 247-258.	1.6	35
52	Monthly analysis of PM ratio characteristics and its relation to AOD. Journal of the Air and Waste Management Association, 2017, 67, 27-38.	0.9	10
53	Epigenome-Wide Meta-Analysis of Methylation in Children Related to Prenatal NO ₂ Air Pollution Exposure. Environmental Health Perspectives, 2017, 125, 104-110.	2.8	176
54	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. American Journal of Human Genetics, 2016, 98, 680-696.	2.6	717

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55	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.	3.7	145
56	Long-term exposure to black carbon, cognition and single nucleotide polymorphisms in microRNA processing genes in older men. Environment International, 2016, 88, 86-93.	4.8	21
57	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.	2.7	18
58	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.	4.8	47
59	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.	2.5	74
60	Air pollution and gene-specific methylation in the Normative Aging Study. Epigenetics, 2014, 9, 448-458.	1.3	159
61	Epigenetic Influences on Associations between Air Pollutants and Lung Function in Elderly Men: The Normative Aging Study. Environmental Health Perspectives, 2014, 122, 566-572.	2.8	97
62	Health effects of ambient air pollution: Do different methods for estimating exposure lead to different results?. Environment International, 2014, 66, 165-173.	4.8	59
63	A reliable severity scoring system for radiographic findings in the limbs of young horses. Veterinary Journal, 2013, 197, 52-57.	0.6	18
64	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.	0.6	30
65	Study design for the investigation of likely aetiological factors of juvenile osteochondral conditions (JOCC) in foals and yearlings. Veterinary Journal, 2013, 197, 36-43.	0.6	18
66	Ambient air pollution and low birthweight: a European cohort study (ESCAPE). Lancet Respiratory Medicine,the, 2013, 1, 695-704.	5.2	464
67	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.	4.8	15
68	Radiographic findings of juvenile osteochondral conditions detected in 392 foals using a field radiographic protocol. Veterinary Journal, 2013, 197, 44-51.	0.6	29
69	Impact of Geocoding Methods on Associations between Long-term Exposure to Urban Air Pollution and Lung Function. Environmental Health Perspectives, 2013, 121, 1054-1060.	2.8	34
70	Short-Term Impact of Atmospheric Pollution on Fecundability. Epidemiology, 2013, 24, 871-879.	1.2	71
71	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.	2.8	339
72	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.	2.8	767

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73	Is Ambient PM _{2.5} Sulfate Harmful? Schwartz and Lepeule Respond. Environmental Health Perspectives, 2012, 120, .	2.8	5
74	Gene promoter methylation is associated with lung function in the elderly: The normative aging study. Epigenetics, 2012, 7, 261-269.	1.3	50
75	Pregnancy exposure to atmospheric pollutants and placental weight: An approach relying on a dispersion model. Environment International, 2012, 48, 47-55.	4.8	37
76	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
77	Short-term Impact of Ambient Air Pollution and Air Temperature on Blood Pressure Among Pregnant Women. Epidemiology, 2011, 22, 671-679.	1.2	56
78	Maternal Exposure to Urban Air Pollution During Pregnancy Assessed by a Dispersion Model and Fetal Growth. Epidemiology, 2011, 22, S121.	1.2	2
79	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.	0.7	14
80	The International Collaboration on Air Pollution and Pregnancy Outcomes: Initial Results. Environmental Health Perspectives, 2011, 119, 1023-1028.	2.8	50
81	Maternal fine particulate matter exposure, polymorphism in xenobiotic-metabolizing genes and offspring birth weight. Reproductive Toxicology, 2010, 30, 600-612.	1.3	19
82	Maternal Exposure to Nitrogen Dioxide during Pregnancy and Offspring Birth Weight: Comparison of Two Exposure Models. Environmental Health Perspectives, 2010, 118, 1483-1489.	2.8	25
83	Association Between Short Term Variations in Atmospheric Pollutantsâ€™ Levels and the Couplesâ€™ Fecundability. Epidemiology, 2009, 20, S86.	1.2	0
84	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.	0.7	68
85	An Overview of Recent Publications and Current Issues on Air Pollution and Pregnancy Outcomes. Epidemiology, 2009, 20, S259.	1.2	0
86	Developmental orthopaedic disease in limbs of foals: between-breed variations in the prevalence, location and severity at weaning. Animal, 2008, 2, 284-291.	1.3	13
87	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, .	2.8	0
88	Survival Analysis to Estimate Association between Short-Term Mortality and Air Pollution. Environmental Health Perspectives, 2006, 114, 242-247.	2.8	17
89	Cox Models: Lepeule et al. Respond. Environmental Health Perspectives, 2006, 114, A691-A691.	2.8	0