Roel C H Vermeulen

List of Publications by Year
in descending order

697 papers	29,013 citations	6233 80 h-index	15683 125 g-index
707 all docs	707 docs citations	707 times ranked	32234 citing authors

#	Article	IF	Citations
1	Preventing heart failure: a position paper of the Heart Failure Association in collaboration with the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 275-300.	0.8	11
2	Plasma concentrations of persistent organic pollutants and pancreatic cancer risk. International Journal of Epidemiology, 2022, 51, 479-490.	0.9	16
3	Epigenetic aging biomarkers and occupational exposure to benzene, trichloroethylene and formaldehyde. Environment International, 2022, 158, 106871.	4.8	18
4	Self-reported psychological distress and self-perceived health in residents living near pesticide-treated agricultural land: a cross-sectional study in The Netherlands. Occupational and Environmental Medicine, 2022, 79, 127-133.	1.3	2
5	Getting out of crises: Environmental, social-ecological and evolutionary research is needed to avoid future risks of pandemics. Environment International, 2022, 158, 106915.	4.8	18
6	High-risk subtypes of chronic lymphocytic leukemia are detectable as early as 16 years prior to diagnosis. Blood, 2022, 139, 1557-1563.	0.6	20
7	Occupational Exposure Assessment Tools in Europe: A Comprehensive Inventory Overview. Annals of Work Exposures and Health, 2022, 66, 671-686.	0.6	7
8	Machine learning approaches to characterize the obesogenic urban exposome. Environment International, 2022, 158, 107015.	4.8	20
9	Environmental risk factors of type 2 diabetesâ€”an exposome approach. Diabetologia, 2022, 65, 263-274.	2.9	51
10	Wireless phone use in childhood and adolescence and neuroepithelial brain tumours: Results from the international MOBI-Kids study. Environment International, 2022, 160, 107069.	4.8	17
11	Quantitative assessment of multiple pesticides in silicone wristbands of children/guardian pairs living in agricultural areas in South Africa. Science of the Total Environment, 2022, 812, 152330.	3.9	14
12	Lifetime occupational exposures and chronic obstructive pulmonary disease risk in the UK Biobank cohort. Thorax, 2022, , thoraxjnl-2020-216523.	2.7	5
13	Preventing heart failure: a position paper of the Heart Failure Association in collaboration with the European Association of Preventive Cardiology. European Journal of Heart Failure, 2022, 24, 143-168.	2.9	41
14	Residential proximity to crops and agricultural pesticide use and cause-specific mortality: A prospective census-based cohort study in the Netherlands. Science of the Total Environment, 2022, 817, 152932.	3.9	4
15	How serious are we about protecting workers health? The case of diesel engine exhaust. Occupational and Environmental Medicine, 2022, 79, 540-542.	1.3	4
16	OBOMod - Integrated modelling framework for residents' exposure to pesticides. Science of the Total Environment, 2022, , 153798.	3.9	5
17	OUP accepted manuscript. International Journal of Epidemiology, 2022, , .	0.9	1
18	Applying the exposome concept to working life health. Environmental Epidemiology, 2022, 6, e185.	1.4	15

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19	Automated Network Assembly of Mechanistic Literature for Informed Evidence Identification to Support Cancer Risk Assessment. Environmental Health Perspectives, 2022, 130, 37002.	2.8	3
20	Mixed-Effects Modeling Framework for Amsterdam and Copenhagen for Outdoor NO₂ Concentrations Using Measurements Sampled with Google Street View Cars. Environmental Science & Technology, 2022, 56, 7174-7184.	4.6	15
21	Benzene exposure and risk of benzene poisoning in Chinese workers. Occupational and Environmental Medicine, 2022, 79, 610-617.	1.3	5
22	Residential proximity to livestock animals and mortality from respiratory diseases in The Netherlands: A prospective census-based cohort study. Environment International, 2022, 161, 107140.	4.8	5
23	Impact of occupational pesticide exposure assessment method on risk estimates for prostate cancer, non-Hodgkinâ€™s lymphoma and Parkinsonâ€™s disease: results of three meta-analyses. Occupational and Environmental Medicine, 2022, 79, 566-574.	1.3	6
24	A Multipollutant Approach to Estimating Causal Effects of Air Pollution Mixtures on Overall Mortality in a Large, Prospective Cohort. Epidemiology, 2022, 33, 514-522.	1.2	13
25	Pesticides in doormat and floor dust from homes close to treated fields: Spatio-temporal variance and determinants of occurrence and concentrations. Environmental Pollution, 2022, 301, 119024.	3.7	11
26	Estimation of the Exposureâ€“Response Relation between Benzene and Acute Myeloid Leukemia by Combining Epidemiologic, Human Biomarker, and Animal Data. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 751-757.	1.1	3
27	Proteomic analysis of serum in workers exposed to diesel engine exhaust. Environmental and Molecular Mutagenesis, 2022, 63, 18-28.	0.9	4
28	Occupational Exposure to Polycyclic Aromatic Hydrocarbons and Lung Cancer Risk: Results from a Pooled Analysis of Caseâ€“Control Studies (SYNERGY). Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1433-1441.	1.1	10
29	Environmental factors shaping the gut microbiome in a Dutch population. Nature, 2022, 604, 732-739.	13.7	239
30	Occupational trichloroethylene exposure and antinuclear antibodies: a cross-sectional study in China. Occupational and Environmental Medicine, 2022, 79, 717-720.	1.3	3
31	Quantile regression to examine the association of air pollution with subclinical atherosclerosis in an adolescent population. Environment International, 2022, 164, 107285.	4.8	7
32	Exposure to Pesticides Predicts Prodromal Feature of Parkinson's Disease: Public Health Implications. Movement Disorders, 2022, 37, 883-885.	2.2	3
33	Epigenetic mechanisms of lung carcinogenesis involve differentially methylated CpG sites beyond those associated with smoking. European Journal of Epidemiology, 2022, 37, 629-640.	2.5	3
34	Pleural mesothelioma risk by industry and occupation: results from the Multicentre Italian Study on the Etiology of Mesothelioma (MISEM). Environmental Health, 2022, 21, .	1.7	5
35	Malignant lymphoma and occupational exposure to extremely low frequency magnetic fields and electrical shocks: a nested case-control study in a cohort of four Nordic countries. Occupational and Environmental Medicine, 2022, 79, 631-636.	1.3	4
36	Ambient ultrafine particles and asthma onset until age 20: The PIAMA birth cohort. Environmental Research, 2022, 214, 113770.	3.7	2

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37	Ultra-processed food consumption patterns among older adults in the Netherlands and the role of the food environment. European Journal of Nutrition, 2021, 60, 2567-2580.	1.8	9
38	Lung cancer risk in painters: results from the SYNERGY pooled caseâ€“control study consortium. Occupational and Environmental Medicine, 2021, 78, 269-278.	1.3	11
39	Metabolic perturbations prior to hepatocellular carcinoma diagnosis: Findings from a prospective observational cohort study. International Journal of Cancer, 2021, 148, 609-625.	2.3	45
40	Blood polyphenol concentrations and differentiated thyroid carcinoma in women from the European Prospective Investigation into Cancer and Nutrition (EPIC) study. American Journal of Clinical Nutrition, 2021, 113, 162-171.	2.2	12
41	Blood Metal Levels and Amyotrophic Lateral Sclerosis Risk: A Prospective Cohort. Annals of Neurology, 2021, 89, 125-133.	2.8	29
42	Radiofrequency electromagnetic fields from mobile communication: Description of modeled dose in brain regions and the body in European children and adolescents. Environmental Research, 2021, 193, 110505.	3.7	13
43	A call for urgent action to safeguard our planet and our health in line with the helsinki declaration. Environmental Research, 2021, 193, 110600.	3.7	30
44	Sleep characteristics across the lifespan in 1.1â€‰million people from the Netherlands, United Kingdom and United States: a systematic review and meta-analysis. Nature Human Behaviour, 2021, 5, 113-122.	6.2	193
45	The COVID-19 pandemic and global environmental change: Emerging research needs. Environment International, 2021, 146, 106272.	4.8	157
46	Association between estimated whole-brain radiofrequency electromagnetic fields dose and cognitive function in preadolescents and adolescents. International Journal of Hygiene and Environmental Health, 2021, 231, 113659.	2.1	10
47	Residential traffic exposure and lymphohematopoietic malignancies among children in the city of SÃ£o Paulo, Brazil: An ecological study. Cancer Epidemiology, 2021, 70, 101859.	0.8	7
48	Short-term personal and outdoor exposure to ultrafine and fine particulate air pollution in association with blood pressure and lung function in healthy adults. Environmental Research, 2021, 194, 110579.	3.7	17
49	Association between anthropometry and lifestyle factors and risk of Bâ€cell lymphoma: An exposomeâ€wide analysis. International Journal of Cancer, 2021, 148, 2115-2128.	2.3	9
50	Airborne Occupational Exposures and Lung Function in the Lifelines Cohort Study. Annals of the American Thoracic Society, 2021, 18, 60-67.	1.5	7
51	Metabolome-wide association study of occupational exposure to benzene. Carcinogenesis, 2021, 42, 1326-1336.	1.3	14
52	Genome-wide homozygosity and risk of four non-Hodgkin lymphoma subtypes. , 2021, 5, 200-217.		0
53	Cumulative Occupational Exposures and Lung-Function Decline in Two Large General-Population Cohorts. Annals of the American Thoracic Society, 2021, 18, 238-246.	1.5	14
54	Red Blood Cell Fatty Acids and Risk of Colorectal Cancer in The European Prospective Investigation into Cancer and Nutrition (EPIC). Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 874-885.	1.1	10

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55	COVID-19 mortality in the UK Biobank cohort: revisiting and evaluating risk factors. European Journal of Epidemiology, 2021, 36, 299-309.	2.5	88
56	Prospective Identification of Elevated Circulating CDCP1 in Patients Years before Onset of Lung Cancer. Cancer Research, 2021, 81, 3738-3748.	0.4	20
57	Network Analysis to Identify Communities Among Multiple Exposure Biomarkers Measured at Birth in Three Flemish General Population Samples. Frontiers in Public Health, 2021, 9, 590038.	1.3	13
58	Airborne occupational exposures and the risk of developing respiratory symptoms and airway obstruction in the Lifelines Cohort Study. Thorax, 2021, 76, 790-797.	2.7	5
59	Prevalent diabetes and risk of total, colorectal, prostate and breast cancers in an ageing population: meta-analysis of individual participant data from cohorts of the CHANCES consortium. British Journal of Cancer, 2021, 124, 1882-1890.	2.9	13
60	Radio-frequency electromagnetic field exposure and contribution of sources in the general population: an organ-specific integrative exposure assessment. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 999-1007.	1.8	21
61	Pesticide Exposure of Residents Living Close to Agricultural Fields in the Netherlands: Protocol for an Observational Study. JMIR Research Protocols, 2021, 10, e27883.	0.5	14
62	Elevated Alu retroelement copy number among workers exposed to diesel engine exhaust. Occupational and Environmental Medicine, 2021, 78, 823-828.	1.3	6
63	Novel Biomarkers of Habitual Alcohol Intake and Associations With Risk of Pancreatic and Liver Cancers and Liver Disease Mortality. Journal of the National Cancer Institute, 2021, 113, 1542-1550.	3.0	20
64	Application of two job indices for general occupational demands in a pooled analysis of caseâ€“control studies on lung cancer. Scandinavian Journal of Work, Environment and Health, 2021, 47, 475-481.	1.7	1
65	Associations between dietary amino acid intakes and blood concentration levels. Clinical Nutrition, 2021, 40, 3772-3779.	2.3	12
66	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
67	Developing the building blocks to elucidate the impact of the urban exposome on cardiometabolic-pulmonary disease. Environmental Epidemiology, 2021, 5, e162.	1.4	22
68	An annotation database for chemicals of emerging concern in exposome research. Environment International, 2021, 152, 106511.	4.8	29
69	Personal exposure assessment of pesticides in residents: The association between hand wipes and urinary biomarkers. Environmental Research, 2021, 199, 111282.	3.7	13
70	The impact of occupational exposure to dioxins and dioxin-like compounds on the blood metabolome. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
71	Intraindividual Long-term Immune Marker Stability in Plasma Samples Collected in Median 9.4 Years Apart in 304 Adult Cancer-free Individuals. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2052-2058.	1.1	0
72	Network on the Coordination and Harmonisation of European Occupational Cohorts (OMEGA-NET). ISEE Conference Abstracts, 2021, 2021, .	0.0	0

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73	Elevated urinary mutagenicity among those exposed to bituminous coal combustion emissions or diesel engine exhaust. Environmental and Molecular Mutagenesis, 2021, 62, 458-470.	0.9	9
74	Utilizing a Biology-Driven Approach to Map the Exposome in Health and Disease: An Essential Investment to Drive the Next Generation of Environmental Discovery. Environmental Health Perspectives, 2021, 129, 85001.	2.8	20
75	Psychosocial factors and cancer incidence (PSYâ€CA): Protocol for individual participant data metaâ€analyses. Brain and Behavior, 2021, 11, e2340.	1.0	8
76	Are Circulating Immune Cells a Determinant of Pancreatic Cancer Risk? A Prospective Study Using Epigenetic Cell Count Measures. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2179-2187.	1.1	3
77	Genetic Polymorphisms Involved in Mitochondrial Metabolism and Pancreatic Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 2342-2345.	1.1	4
78	Modelling nationwide spatial variation of ultrafine particles based on mobile monitoring. Environment International, 2021, 154, 106569.	4.8	38
79	A New Pipeline for the Normalization and Pooling of Metabolomics Data. Metabolites, 2021, 11, 631.	1.3	15
80	Long-Term Exposure to Ultrafine Particles and Particulate Matter Constituents and the Risk of Amyotrophic Lateral Sclerosis. Environmental Health Perspectives, 2021, 129, 97702.	2.8	8
81	Spatio-temporal variation of outdoor and indoor pesticide air concentrations in homes near agricultural fields. Atmospheric Environment, 2021, 262, 118612.	1.9	29
82	Exposure to radiofrequency electromagnetic fields: Comparison of exposimeters with a novel body-worn distributed meter. Environment International, 2021, 156, 106711.	4.8	9
83	Identification and spatial mapping of tracers of PM10 emission sources using a high spatial resolution distributed network in an urban setting. Atmospheric Research, 2021, 262, 105771.	1.8	5
84	Household air pollution from, and fuel efficiency of, different coal types following local cooking practices in Xuanwei, China. Environmental Pollution, 2021, 290, 117949.	3.7	1
85	Ultrafine particles, particle components and lung function at age 16Âyears: The PIAMA birth cohort study. Environment International, 2021, 157, 106792.	4.8	9
86	Exposure to widespread drinking water chemicals, blood inflammation markers, and colorectal cancer. Environment International, 2021, 157, 106873.	4.8	12
87	Incidence, Prevalence, and Geographical Clustering of Motor Neuron Disease in the Netherlands. Neurology, 2021, 96, .	1.5	19
88	Spatial and Spatiotemporal Variability of Regional Background Ultrafine Particle Concentrations in the Netherlands. Environmental Science & Technology, 2021, 55, 1067-1075.	4.6	10
89	Blue-collar work is a risk factor for developing IgG4-related disease of the biliary tract and pancreas. JHEP Reports, 2021, 3, 100385.	2.6	7
90	Estimated all-day and evening whole-brain radiofrequency electromagnetic fields doses, and sleep in preadolescents. Environmental Research, 2021, 204, 112291.	3.7	5

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91	Scrutinizing Privacy in Multi-Omics Research: How to Provide Ethical Grounding for the Identification of Privacy-Relevant Data Properties. American Journal of Bioethics, 2021, 21, 73-75.	0.5	3
92	Dietary Intake of Advanced Glycation End Products (AGEs) and Mortality among Individuals with Colorectal Cancer. Nutrients, 2021, 13, 4435.	1.7	7
93	Consumption of nuts and seeds and pancreatic ductal adenocarcinoma risk in the European Prospective Investigation into Cancer and Nutrition. International Journal of Cancer, 2020, 146, 76-84.	2.3	9
94	Anthropometric and reproductive factors and risk of esophageal and gastric cancer by subtype and subsite: Results from the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. International Journal of Cancer, 2020, 146, 929-942.	2.3	28
95	Parental occupational exposure to pesticides, animals and organic dust and risk of childhood leukemia and central nervous system tumors: Findings from the International Childhood Cancer Cohort Consortium (I4C). International Journal of Cancer, 2020, 146, 943-952.	2.3	41
96	Inflammatory potential of diet and risk of lymphoma in the European Prospective Investigation into Cancer and Nutrition. European Journal of Nutrition, 2020, 59, 813-823.	1.8	8
97	The impact of alternative historical extrapolations of diesel exhaust exposure and radon in the Diesel Exhaust in Miners Study (DEMS). International Journal of Epidemiology, 2020, 49, 459-466.	0.9	4
98	Plasma polyphenols associated with lower high-sensitivity C-reactive protein concentrations: a cross-sectional study within the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. British Journal of Nutrition, 2020, 123, 198-208.	1.2	17
99	Inherited variants at 3q13.33 and 3p24.1 are associated with risk of diffuse large B-cell lymphoma and implicate immune pathways. Human Molecular Genetics, 2020, 29, 70-79.	1.4	17
100	Ischaemic heart disease and stroke mortality by specific coal type among non-smoking women with substantial indoor air pollution exposure in China. International Journal of Epidemiology, 2020, 49, 56-68.	0.9	20
101	Tuberculosis infection and lung adenocarcinoma: Mendelian randomization and pathway analysis of genome-wide association study data from never-smoking Asian women. Genomics, 2020, 112, 1223-1232.	1.3	15
102	Blood pressure and risk of cancer in the European Prospective Investigation into Cancer and Nutrition. International Journal of Cancer, 2020, 146, 2680-2693.	2.3	52
103	Polyphenol intake and differentiated thyroid cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. International Journal of Cancer, 2020, 146, 1841-1850.	2.3	20
104	Land use regression models for ultrafine particles, fine particles, and black carbon in Southern California. Science of the Total Environment, 2020, 699, 134234.	3.9	35
105	Effect modification of the association between total cigarette smoking and ALS risk by intensity, duration and time-since-quitting: Euro-MOTOR. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 33-39.	0.9	20
106	Agnostic Cys34â€albumin adductomics and DNA methylation: Implication of Nâ€acetylcysteine in lung carcinogenesis years before diagnosis. International Journal of Cancer, 2020, 146, 3294-3303.	2.3	12
107	Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. Health and Place, 2020, 61, 102243.	1.5	57
108	Laryngeal Cancer Risks in Workers Exposed to Lung Carcinogens: Exposureâ€“Effect Analyses Using a Quantitative Job Exposure Matrix. Epidemiology, 2020, 31, 145-154.	1.2	15

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109	EVALUATION OF SPECIFIC ABSORPTION RATE IN THE FAR-FIELD, NEAR-TO-FAR FIELD AND NEAR-FIELD REGIONS FOR INTEGRATIVE RADIOFREQUENCY EXPOSURE ASSESSMENT. Radiation Protection Dosimetry, 2020, 190, 459-472.	0.4	25
110	Risk of Bias Assessments and Evidence Syntheses for Observational Epidemiologic Studies of Environmental and Occupational Exposures: Strengths and Limitations. Environmental Health Perspectives, 2020, 128, 95002.	2.8	40
111	Early-life exposure to multiple persistent organic pollutants and metals and birth weight: Pooled analysis in four Flemish birth cohorts. Environment International, 2020, 145, 106149.	4.8	20
112	Characterization of outdoor air pollution from solid fuel combustion in Xuanwei and Fuyuan, a rural region of China. Scientific Reports, 2020, 10, 11335.	1.6	10
113	Education, biological ageing, all-cause and cause-specific mortality and morbidity: UK biobank cohort study. EClinicalMedicine, 2020, 29-30, 100658.	3.2	22
114	The Helsinki Declaration 2020: Europe that protects. Lancet Planetary Health, The, 2020, 4, e503-e505.	5.1	26
115	Occupational exposures and genetic susceptibility to occupational exposures are related to sickness absence in the Lifelines cohort study. Scientific Reports, 2020, 10, 12963.	1.6	3
116	Mediating effect of soluble B-cell activation immune markers on the association between anthropometric and lifestyle factors and lymphoma development. Scientific Reports, 2020, 10, 13814.	1.6	4
117	Prenatal Exposure to Multiple Air Pollutants, Mediating Molecular Mechanisms, and Shifts in Birthweight. Environmental Science & Technology, 2020, 54, 14502-14513.	4.6	21
118	A multi-omics approach to investigate the inflammatory response to life course socioeconomic position. Epigenomics, 2020, 12, 1287-1302.	1.0	4
119	A Quantitative Meta-Analysis of the Relation between Occupational Benzene Exposure and Biomarkers of Cytogenetic Damage. Environmental Health Perspectives, 2020, 128, 87004.	2.8	8
120	Risk factors for positive and negative COVID-19 tests: a cautious and in-depth analysis of UK biobank data. International Journal of Epidemiology, 2020, 49, 1454-1467.	0.9	115
121	Systematic review of methods used to assess exposure to pesticides in occupational epidemiology studies, 1993â€“2017. Occupational and Environmental Medicine, 2020, 77, 357-367.	1.3	43
122	Antibody Responses to Helicobacter pylori and Risk of Developing Colorectal Cancer in a European Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1475-1481.	1.1	11
123	Diesel Engine Exhaust Exposure, Smoking, and Lung Cancer Subtype Risks. A Pooled Exposureâ€“Response Analysis of 14 Caseâ€“Control Studies. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 402-411.	2.5	34
124	Respirable Crystalline Silica Exposure, Smoking, and Lung Cancer Subtype Risks. A Pooled Analysis of Caseâ€“Control Studies. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 412-421.	2.5	44
125	A metabolomic study of red and processed meat intake and acylcarnitine concentrations in human urine and blood. American Journal of Clinical Nutrition, 2020, 112, 381-388.	2.2	23
126	A multi-omic analysis of birthweight in newborn cord blood reveals new underlying mechanisms related to cholesterol metabolism. Metabolism: Clinical and Experimental, 2020, 110, 154292.	1.5	25

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127	Estimated whole-brain and lobe-specific radiofrequency electromagnetic fields doses and brain volumes in preadolescents. Environment International, 2020, 142, 105808.	4.8	11
128	Immunoreactivity to metal and silica associates with sarcoidosis in Dutch patients. Respiratory Research, 2020, 21, 141.	1.4	27
129	Healthy lifestyle and the risk of lymphoma in the European Prospective Investigation into Cancer and Nutrition study. International Journal of Cancer, 2020, 147, 1649-1656.	2.3	4
130	International Inventory of Occupational Exposure Information: OMEGA-NET. Annals of Work Exposures and Health, 2020, 64, 465-467.	0.6	7
131	Clinical presentation of young people (10â€“24Âyears old) with brain tumors: results from the international MOBI-Kids study. Journal of Neuro-Oncology, 2020, 147, 427-440.	1.4	20
132	Exposure to Medical Radiation during Fetal Life, Childhood and Adolescence and Risk of Brain Tumor in Young Age: Results from The MOBI-Kids Case-Control Study. Neuroepidemiology, 2020, 54, 343-355.	1.1	6
133	Parkinsonâ€™s disease case ascertainment in prospective cohort studies through combining multiple health information resources. PLoS ONE, 2020, 15, e0234845.	1.1	6
134	Personal black carbon and ultrafine particles exposures among high school students in urban China. Environmental Pollution, 2020, 265, 114825.	3.7	12
135	Go slow to go fast: a plea for sustained scientific rigour in air pollution research during the COVID-19 pandemic. European Respiratory Journal, 2020, 56, 2001361.	3.1	43
136	Household fuel use and adverse pregnancy outcomes in a Ghanaian cohort study. Reproductive Health, 2020, 17, 29.	1.2	38
137	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. Atmospheric Environment, 2020, 226, 117353.	1.9	7
138	The exposome and health: Where chemistry meets biology. Science, 2020, 367, 392-396.	6.0	499
139	Inflammatory potential of the diet and risk of colorectal cancer in the European Prospective Investigation into Cancer and Nutrition study. International Journal of Cancer, 2020, 147, 1027-1039.	2.3	17
140	Serum levels of hsaâ€miRâ€16â€5p, hsaâ€miRâ€29aâ€3p, hsaâ€miRâ€150â€5p, hsaâ€miRâ€155â€5p and hsaâ€miRâ€223â€3p and subsequent risk of chronic lymphocytic leukemia in the EPIC study. International Journal of Cancer, 2020, 147, 1315-1324.	2.3	25
141	Alcohol Consumption and Risk of Parkinson's Disease: Data From a Large Prospective European Cohort. Movement Disorders, 2020, 35, 1258-1263.	2.2	17
142	microRNA expression profiles and personal monitoring of exposure to particulate matter. Environmental Pollution, 2020, 263, 114392.	3.7	18
143	Increased telomere length and mtDNA copy number induced by multi-walled carbon nanotube exposure in the workplace. Journal of Hazardous Materials, 2020, 394, 122569.	6.5	10
144	Long-term effect of mobile phone use on sleep quality: Results from the cohort study of mobile phone use and health (COSMOS). Environment International, 2020, 140, 105687.	4.8	32

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145	Lipid Trait Variants and the Risk of Non-Hodgkin Lymphoma Subtypes: A Mendelian Randomization Study. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1074-1078.	1.1	13
146	Mitochondrial DNA Copy-Number Variation and Pancreatic Cancer Risk in the Prospective EPIC Cohort. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 681-686.	1.1	16
147	Transcriptomic changes in the nasal epithelium associated with diesel engine exhaust exposure. Environment International, 2020, 137, 105506.	4.8	18
148	Improving Exposure Assessment Methodologies for Epidemiological Studies on Pesticides: Study Protocol. JMIR Research Protocols, 2020, 9, e16448.	0.5	10
149	Maternal occupational exposure and congenital heart defects in offspring. Scandinavian Journal of Work, Environment and Health, 2020, 46, 599-608.	1.7	4
150	Exploring causality of the association between smoking and Parkinsonâ€™s disease. International Journal of Epidemiology, 2019, 48, 912-925.	0.9	70
151	Error in air pollution exposure model determinants and bias in health estimates. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 258-266.	1.8	3
152	Association between alcohol exposure and the risk of amyotrophic lateral sclerosis in the Euro-MOTOR study. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 11-19.	0.9	26
153	The Exposome: Molecules to Populations. Annual Review of Pharmacology and Toxicology, 2019, 59, 107-127.	4.2	144
154	Genetic overlap between autoimmune diseases and nonâ€Hodgkin lymphoma subtypes. Genetic Epidemiology, 2019, 43, 844-863.	0.6	28
155	Peritoneal mesothelioma and asbestos exposure: a population-based caseâ€“control study in Lombardy, Italy. Occupational and Environmental Medicine, 2019, 76, 545-553.	1.3	20
156	Headache, tinnitus and hearing loss in the international Cohort Study of Mobile Phone Use and Health (COSMOS) in Sweden and Finland. International Journal of Epidemiology, 2019, 48, 1567-1579.	0.9	33
157	The Establishment of the Household Air Pollution Consortium (HAPCO). Atmosphere, 2019, 10, 422.	1.0	0
158	Toxicokinetics of a urinary metabolite of tebuconazole following controlled oral and dermal administration in human volunteers. Archives of Toxicology, 2019, 93, 2545-2553.	1.9	19
159	Top 10 Research Priorities in Spatial Lifecourse Epidemiology. Environmental Health Perspectives, 2019, 127, 74501.	2.8	66
160	Plasma sCD36 as non-circadian marker of chronic circadian disturbance in shift workers. PLoS ONE, 2019, 14, e0223522.	1.1	5
161	Associations of Electric Shock and Extremely Low-Frequency Magnetic Field Exposure With the Risk of Amyotrophic Lateral Sclerosis. American Journal of Epidemiology, 2019, 188, 796-805.	1.6	20
162	Constituents of Household Air Pollution and Risk of Lung Cancer among Never-Smoking Women in Xuanwei and Fuyuan, China. Environmental Health Perspectives, 2019, 127, 97001.	2.8	52

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163	Association Between Soft Drink Consumption and Mortality in 10 European Countries. JAMA Internal Medicine, 2019, 179, 1479.	2.6	169
164	Antibody Responses to Fusobacterium nucleatum Proteins in Prediagnostic Blood Samples are not Associated with Risk of Developing Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1552-1555.	1.1	17
165	Relative Differences in Concentration Levels during Sawing and Drilling of Car Bumpers Containing MWCNT and Organic Pigment. Annals of Work Exposures and Health, 2019, 63, 148-157.	0.6	1
166	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. Human Molecular Genetics, 2019, 28, 2477-2485.	1.4	9
167	The mediating effect of immune markers on the association between ambient air pollution and adult-onset asthma. Scientific Reports, 2019, 9, 8818.	1.6	20
168	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. Environment International, 2019, 130, 104934.	4.8	177
169	Human exposure to trichloroethylene is associated with increased variability of blood DNA methylation that is enriched in genes and pathways related to autoimmune disease and cancer. Epigenetics, 2019, 14, 1112-1124.	1.3	24
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