

Roel C H Vermeulen

List of Publications by Year in descending order

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Version: 2024-02-01

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	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , 2018, 559, 400-404.	13.7	617
2	Hematotoxicity in Workers Exposed to Low Levels of Benzene. <i>Science</i> , 2004, 306, 1774-1776.	6.0	533
3	The exposome and health: Where chemistry meets biology. <i>Science</i> , 2020, 367, 392-396.	6.0	499
4	High-Resolution Air Pollution Mapping with Google Street View Cars: Exploiting Big Data. <i>Environmental Science & Technology</i> , 2017, 51, 6999-7008.	4.6	474
5	Carcinogenicity of diesel-engine and gasoline-engine exhausts and some nitroarenes. <i>Lancet Oncology</i> , 2012, 13, 663-664.	5.1	395
6	The Diesel Exhaust in Miners Study: A Nested Case-Control Study of Lung Cancer and Diesel Exhaust. <i>Journal of the National Cancer Institute</i> , 2012, 104, 855-868.	3.0	360
7	Considerations of circadian impact for defining 'shift work' in cancer studies: IARC Working Group Report. <i>Occupational and Environmental Medicine</i> , 2011, 68, 154-162.	1.3	319
8	Genome-wide association analysis identifies new lung cancer susceptibility loci in never-smoking women in Asia. <i>Nature Genetics</i> , 2012, 44, 1330-1335.	9.4	286
9	Chromosomal aberration frequency in lymphocytes predicts the risk of cancer: results from a pooled cohort study of 22 358 subjects in 11 countries. <i>Carcinogenesis</i> , 2008, 29, 1178-1183.	1.3	279
10	The Diesel Exhaust in Miners Study: A Cohort Mortality Study With Emphasis on Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2012, 104, 869-883.	3.0	272
11	Health consequences of electric lighting practices in the modern world: A report on the National Toxicology Program's workshop on shift work at night, artificial light at night, and circadian disruption. <i>Science of the Total Environment</i> , 2017, 607-608, 1073-1084.	3.9	266
12	Dynamics of smoking-induced genome-wide methylation changes with time since smoking cessation. <i>Human Molecular Genetics</i> , 2015, 24, 2349-2359.	1.4	261
13	Environmental factors shaping the gut microbiome in a Dutch population. <i>Nature</i> , 2022, 604, 732-739.	13.7	239
14	Meta-analysis on shift work and risks of specific obesity types. <i>Obesity Reviews</i> , 2018, 19, 28-40.	3.1	234
15	Human population studies with cytogenetic biomarkers: Review of the literature and future perspectives. <i>Environmental and Molecular Mutagenesis</i> , 2005, 45, 258-270.	0.9	222
16	The exposome in practice: Design of the EXPOsOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 142-151.	2.1	219
17	Biological dust exposure in the workplace is a risk factor for chronic obstructive pulmonary disease. <i>Thorax</i> , 2005, 60, 645-651.	2.7	214
18	Sleep characteristics across the lifespan in 1.1 million people from the Netherlands, United Kingdom and United States: a systematic review and meta-analysis. <i>Nature Human Behaviour</i> , 2021, 5, 113-122.	6.2	193

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19	Assessing Exposure and Health Consequences of Chemicals in Drinking Water: Current State of Knowledge and Research Needs. <i>Environmental Health Perspectives</i> , 2014, 122, 213-221.	2.8	189
20	Genome-wide association study identifies multiple risk loci for chronic lymphocytic leukemia. <i>Nature Genetics</i> , 2013, 45, 868-876.	9.4	179
21	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. <i>Environment International</i> , 2019, 130, 104934.	4.8	177
22	Is Pesticide Use Related to Parkinson Disease? Some Clues to Heterogeneity in Study Results. <i>Environmental Health Perspectives</i> , 2012, 120, 340-347.	2.8	175
23	Prenatal Phthalate, Perfluoroalkyl Acid, and Organochlorine Exposures and Term Birth Weight in Three Birth Cohorts: Multi-Pollutant Models Based on Elastic Net Regression. <i>Environmental Health Perspectives</i> , 2016, 124, 365-372.	2.8	173
24	Conceptual model for assessment of dermal exposure. <i>Occupational and Environmental Medicine</i> , 1999, 56, 765-773.	1.3	171
25	Association Between Soft Drink Consumption and Mortality in 10 European Countries. <i>JAMA Internal Medicine</i> , 2019, 179, 1479.	2.6	169
26	The Relationship Between Shift Work and Metabolic Risk Factors. <i>American Journal of Preventive Medicine</i> , 2016, 50, e147-e157.	1.6	163
27	Occupational Exposure to Formaldehyde, Hematotoxicity, and Leukemia-Specific Chromosome Changes in Cultured Myeloid Progenitor Cells. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 80-88.	1.1	160
28	Sleep Quality, Sleep Duration, and the Risk of Coronary Heart Disease: A Prospective Cohort Study With 60,586 Adults. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 109-117.	1.4	160
29	The potential role of lung microbiota in lung cancer attributed to household coal burning exposures. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 643-651.	0.9	158
30	The COVID-19 pandemic and global environmental change: Emerging research needs. <i>Environment International</i> , 2021, 146, 106272.	4.8	157
31	Personal and Indoor PM _{2.5} Exposure from Burning Solid Fuels in Vented and Unvented Stoves in a Rural Region of China with a High Incidence of Lung Cancer. <i>Environmental Science & Technology</i> , 2014, 48, 8456-8464.	4.6	152
32	A Systematic Comparison of Linear Regression-Based Statistical Methods to Assess Exposome-Health Associations. <i>Environmental Health Perspectives</i> , 2016, 124, 1848-1856.	2.8	151
33	Exposure to Diesel Motor Exhaust and Lung Cancer Risk in a Pooled Analysis from Case-Control Studies in Europe and Canada. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 941-948.	2.5	150
34	Genome-wide association study identifies multiple susceptibility loci for diffuse large B cell lymphoma. <i>Nature Genetics</i> , 2014, 46, 1233-1238.	9.4	147
35	Occupational Exposure to Dusts, Gases, and Fumes and Incidence of Chronic Obstructive Pulmonary Disease in the Swiss Cohort Study on Air Pollution and Lung and Heart Diseases in Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1292-1300.	2.5	146
36	The Exposome: Molecules to Populations. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 107-127.	4.2	144

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37	Chromosomal Aberrations and Cancer Risk: Results of a Cohort Study from Central Europe. <i>American Journal of Epidemiology</i> , 2006, 165, 36-43.	1.6	143
38	STrengthening the Reporting of OBServational studies in Epidemiology – Molecular Epidemiology (STROBE-ME): An Extension of the STROBE Statement. <i>PLoS Medicine</i> , 2011, 8, e1001117.	3.9	143
39	Long-Term Exposure to Ultrafine Particles and Incidence of Cardiovascular and Cerebrovascular Disease in a Prospective Study of a Dutch Cohort. <i>Environmental Health Perspectives</i> , 2018, 126, 127007.	2.8	140
40	Prediagnostic body fat and risk of death from amyotrophic lateral sclerosis. <i>Neurology</i> , 2013, 80, 829-838.	1.5	138
41	Assessment of occupational exposures in a general population: comparison of different methods. <i>Occupational and Environmental Medicine</i> , 1999, 56, 145-151.	1.3	135
42	Reproducibility and Correlations of Multiplex Cytokine Levels in Asymptomatic Persons. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3450-3456.	1.1	134
43	Performance in Omics Analyses of Blood Samples in Long-Term Storage: Opportunities for the Exploitation of Existing Biobanks in Environmental Health Research. <i>Environmental Health Perspectives</i> , 2013, 121, 480-487.	2.8	132
44	Impaired lung function and lung cancer incidence in a cohort of Swedish construction workers. <i>Thorax</i> , 2007, 62, 51-56.	2.7	121
45	Exposure to perfluorinated compounds and human semen quality in arctic and European populations. <i>Human Reproduction</i> , 2012, 27, 2532-2540.	0.4	121
46	Environmental exposure to pesticides and the risk of Parkinson's disease in the Netherlands. <i>Environment International</i> , 2017, 107, 100-110.	4.8	121
47	Exposure-Response Estimates for Diesel Engine Exhaust and Lung Cancer Mortality Based on Data from Three Occupational Cohorts. <i>Environmental Health Perspectives</i> , 2014, 122, 172-177.	2.8	120
48	Discovery of Novel Biomarkers by Microarray Analysis of Peripheral Blood Mononuclear Cell Gene Expression in Benzene-Exposed Workers. <i>Environmental Health Perspectives</i> , 2005, 113, 801-807.	2.8	117
49	Blood serum concentrations of perfluorinated compounds in men from Greenlandic Inuit and European populations. <i>Chemosphere</i> , 2012, 88, 1269-1275.	4.2	116
50	Use of Chemical Pesticides in Ethiopia: A Cross-Sectional Comparative Study on Knowledge, Attitude and Practice of Farmers and Farm Workers in Three Farming Systems. <i>Annals of Occupational Hygiene</i> , 2016, 60, 551-566.	1.9	116
51	Dermal exposure to cyclophosphamide in hospitals during preparation, nursing and cleaning activities. <i>International Archives of Occupational and Environmental Health</i> , 2005, 78, 403-412.	1.1	115
52	t(14;18) Translocation: A Predictive Blood Biomarker for Follicular Lymphoma. <i>Journal of Clinical Oncology</i> , 2014, 32, 1347-1355.	0.8	115
53	Risk factors for positive and negative COVID-19 tests: a cautious and in-depth analysis of UK biobank data. <i>International Journal of Epidemiology</i> , 2020, 49, 1454-1467.	0.9	115
54	Risk of lung cancer associated with domestic use of coal in Xuanwei, China: retrospective cohort study. <i>BMJ</i> , 2012, 345, e5414-e5414.	3.0	113

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55	Deciphering the complex: Methodological overview of statistical models to derive OMICS-based biomarkers. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 542-557.	0.9	113
56	Smoking and risk for amyotrophic lateral sclerosis: Analysis of the EPIC cohort. <i>Annals of Neurology</i> , 2009, 65, 378-385.	2.8	111
57	DNA methylation and exposure to ambient air pollution in two prospective cohorts. <i>Environment International</i> , 2017, 108, 127-136.	4.8	110
58	Postulating a dermal pathway for exposure to anti-neoplastic drugs among hospital workers. Applying a conceptual model to the results of three workplace surveys. <i>Annals of Occupational Hygiene</i> , 2000, 44, 551-560.	1.9	108
59	Application of OMICS technologies in occupational and environmental health research; current status and projections. <i>Occupational and Environmental Medicine</i> , 2010, 67, 136-143.	1.3	107
60	Lung cancer and socioeconomic status in a pooled analysis of case-control studies. <i>PLoS ONE</i> , 2018, 13, e0192999.	1.1	107
61	Modeling Human Metabolism of Benzene Following Occupational and Environmental Exposures. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 2246-2252.	1.1	105
62	Long-Term Exposure to Ambient Air Pollution and Incidence of Postmenopausal Breast Cancer in 15 European Cohorts within the ESCAPE Project. <i>Environmental Health Perspectives</i> , 2017, 125, 107005.	2.8	104
63	Mapping Air Pollution with Google Street View Cars: Efficient Approaches with Mobile Monitoring and Land Use Regression. <i>Environmental Science & Technology</i> , 2018, 52, 12563-12572.	4.6	103
64	Using urinary biomarkers to elucidate dose-related patterns of human benzene metabolism. <i>Carcinogenesis</i> , 2006, 27, 772-781.	1.3	102
65	Pulmonary Ventilatory Defects and Occupational Exposures in a Population-based Study in Spain. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 157, 512-517.	2.5	97
66	Is Previous Respiratory Disease a Risk Factor for Lung Cancer?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 549-559.	2.5	97
67	Genome-wide Association Study Identifies Five Susceptibility Loci for Follicular Lymphoma outside the HLA Region. <i>American Journal of Human Genetics</i> , 2014, 95, 462-471.	2.6	96
68	Prenatal exposure to environmental chemical contaminants and asthma and eczema in school-age children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 653-660.	2.7	96
69	Global Gene Expression Profiling of a Population Exposed to a Range of Benzene Levels. <i>Environmental Health Perspectives</i> , 2011, 119, 628-640.	2.8	94
70	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016, 7, 10933.	5.8	94
71	Biomarkers of ambient air pollution and lung cancer: a systematic review. <i>Occupational and Environmental Medicine</i> , 2012, 69, 619-627.	1.3	92
72	Occupational Benzene Exposure and the Risk of Lymphoma Subtypes: A Meta-analysis of Cohort Studies Incorporating Three Study Quality Dimensions. <i>Environmental Health Perspectives</i> , 2011, 119, 159-167.	2.8	91

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73	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. <i>Human Molecular Genetics</i> , 2014, 23, 6616-6633.	1.4	90
74	The association between different night shiftwork factors and breast cancer: a case-control study. <i>British Journal of Cancer</i> , 2013, 109, 2472-2480.	2.9	89
75	Toward Greater Implementation of the Exposome Research Paradigm within Environmental Epidemiology. <i>Annual Review of Public Health</i> , 2017, 38, 315-327.	7.6	88
76	Oxidative stress and inflammation mediate the effect of air pollution on cardiovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 234-246.	0.9	88
77	COVID-19 mortality in the UK Biobank cohort: revisiting and evaluating risk factors. <i>European Journal of Epidemiology</i> , 2021, 36, 299-309.	2.5	88
78	High-resolution metabolomics of occupational exposure to trichloroethylene. <i>International Journal of Epidemiology</i> , 2016, 45, 1517-1527.	0.9	87
79	IARC Monographs: 40 Years of Evaluating Carcinogenic Hazards to Humans. <i>Environmental Health Perspectives</i> , 2015, 123, 507-514.	2.8	86
80	Transient receptor potential genes, smoking, occupational exposures and cough in adults. <i>Respiratory Research</i> , 2012, 13, 26.	1.4	84
81	Evidence That Humans Metabolize Benzene via Two Pathways. <i>Environmental Health Perspectives</i> , 2009, 117, 946-952.	2.8	83
82	Evaluating the mechanistic evidence and key data gaps in assessing the potential carcinogenicity of carbon nanotubes and nanofibers in humans. <i>Critical Reviews in Toxicology</i> , 2017, 47, 1-58.	1.9	83
83	Systems biology of human benzene exposure. <i>Chemico-Biological Interactions</i> , 2010, 184, 86-93.	1.7	82
84	Comparison of exposure assessment methods for occupational carcinogens in a multi-centre lung cancer case-control study. <i>Occupational and Environmental Medicine</i> , 2011, 68, 148-153.	1.3	82
85	Medical History, Lifestyle, Family History, and Occupational Risk Factors for Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma: The InterLymph Non-Hodgkin Lymphoma Subtypes Project. <i>Journal of the National Cancer Institute Monographs</i> , 2014, 2014, 41-51.	0.9	82
86	Endotoxin exposure and lung cancer risk: a systematic review and meta-analysis of the published literature on agriculture and cotton textile workers. <i>Cancer Causes and Control</i> , 2010, 21, 523-555.	0.8	80
87	Impact of occupational carcinogens on lung cancer risk in a general population. <i>International Journal of Epidemiology</i> , 2012, 41, 711-721.	0.9	79
88	Decreased levels of CXC-chemokines in serum of benzene-exposed workers identified by array-based proteomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17041-17046.	3.3	76
89	Disinfectant use as a risk factor for atopic sensitization and symptoms consistent with asthma: an epidemiological study. <i>European Respiratory Journal</i> , 1996, 9, 1407-1413.	3.1	75
90	Genome-wide association analysis implicates dysregulation of immunity genes in chronic lymphocytic leukaemia. <i>Nature Communications</i> , 2017, 8, 14175.	5.8	75

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91	Land Use Regression Models for Ultrafine Particles in Six European Areas. <i>Environmental Science & Technology</i> , 2017, 51, 3336-3345.	4.6	75
92	Searching for early breast cancer biomarkers by serum protein profiling of pre-diagnostic serum; a nested case-control study. <i>BMC Cancer</i> , 2011, 11, 381.	1.1	73
93	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , 2018, 119, 334-345.	4.8	73
94	Association between mitochondrial DNA copy number, blood cell counts, and occupational benzene exposure. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 453-457.	0.9	72
95	<scp>G</scp>enetic variants associated with longer telomere length are associated with increased lung cancer risk among never-smoking women in Asia: a report from the female lung cancer consortium in Asia. <i>International Journal of Cancer</i> , 2015, 137, 311-319.	2.3	72
96	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. <i>Environmental Research</i> , 2017, 154, 226-233.	3.7	72
97	Particulate matter air pollution, physical activity and systemic inflammation in Taiwanese adults. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 41-47.	2.1	72
98	Exposure-Response Analyses of Asbestos and Lung Cancer Subtypes in a Pooled Analysis of Case-Control Studies. <i>Epidemiology</i> , 2017, 28, 288-299.	1.2	71
99	DREAM: A Method for Semi-quantitative Dermal Exposure Assessment. <i>Annals of Occupational Hygiene</i> , 2003, 47, 71-87.	1.9	70
100	A Meta-analysis of Asbestos and Lung Cancer: Is Better Quality Exposure Assessment Associated with Steeper Slopes of the Exposure-Response Relationships?. <i>Environmental Health Perspectives</i> , 2011, 119, 1547-1555.	2.8	70
101	Exploring causality of the association between smoking and Parkinson's disease. <i>International Journal of Epidemiology</i> , 2019, 48, 912-925.	0.9	70
102	Occupational Dermal Exposure to Cyclophosphamide in Dutch Hospitals: A Pilot Study. <i>Annals of Occupational Hygiene</i> , 2004, 48, 237-44.	1.9	68
103	Pesticides and other occupational exposures are associated with airway obstruction: the LifeLines cohort study. <i>Occupational and Environmental Medicine</i> , 2014, 71, 88-96.	1.3	68
104	Polycyclic Aromatic Hydrocarbon Exposure in Household Air Pollution from Solid Fuel Combustion among the Female Population of Xuanwei and Fuyuan Counties, China. <i>Environmental Science & Technology</i> , 2014, 48, 14632-14641.	4.6	68
105	Radio-frequency electromagnetic field (RF-EMF) exposure levels in different European outdoor urban environments in comparison with regulatory limits. <i>Environment International</i> , 2014, 68, 49-54.	4.8	68
106	Comparison of Ultrafine Particle and Black Carbon Concentration Predictions from a Mobile and Short-Term Stationary Land-Use Regression Model. <i>Environmental Science & Technology</i> , 2016, 50, 12894-12902.	4.6	68
107	SYN-JEM: A Quantitative Job-Exposure Matrix for Five Lung Carcinogens. <i>Annals of Occupational Hygiene</i> , 2016, 60, 795-811.	1.9	67
108	Air pollution and risk of urinary bladder cancer in a case-control study in Spain. <i>Occupational and Environmental Medicine</i> , 2008, 65, 56-60.	1.3	66

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109	Plasma Cytokines and Future Risk of Non-Hodgkin Lymphoma (NHL): A Case-Control Study Nested in the Italian European Prospective Investigation into Cancer and Nutrition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1577-1584.	1.1	66
110	An international prospective cohort study of mobile phone users and health (Cosmos): Design considerations and enrolment. <i>Cancer Epidemiology</i> , 2011, 35, 37-43.	0.8	66
111	Long-term exposure to ambient air pollution and incidence of brain tumor: the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>Neuro-Oncology</i> , 2018, 20, 420-432.	0.6	66
112	Effects of exposure to water disinfection by-products in a swimming pool: A metabolome-wide association study. <i>Environment International</i> , 2018, 111, 60-70.	4.8	66
113	Top 10 Research Priorities in Spatial Lifecourse Epidemiology. <i>Environmental Health Perspectives</i> , 2019, 127, 74501.	2.8	66
114	Infection with Hepatitis B and C Viruses and Risk of Lymphoid Malignancies in the European Prospective Investigation into Cancer and Nutrition (EPIC). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 208-214.	1.1	64
115	Changes in the peripheral blood transcriptome associated with occupational benzene exposure identified by cross-comparison on two microarray platforms. <i>Genomics</i> , 2009, 93, 343-349.	1.3	63
116	Phthalates, perfluoroalkyl acids, metals and organochlorines and reproductive function: a multipollutant assessment in Greenlandic, Polish and Ukrainian men. <i>Occupational and Environmental Medicine</i> , 2015, 72, 385-393.	1.3	63
117	Occupational trichloroethylene exposure and kidney cancer risk: a meta-analysis. <i>Occupational and Environmental Medicine</i> , 2012, 69, 858-867.	1.3	62
118	Performance of Prediction Algorithms for Modeling Outdoor Air Pollution Spatial Surfaces. <i>Environmental Science & Technology</i> , 2019, 53, 1413-1421.	4.6	62
119	The impact of new research technologies on our understanding of environmental causes of disease: the concept of clinical vulnerability. <i>Environmental Health</i> , 2009, 8, 54.	1.7	61
120	The impact of ambient air pollution on the human blood metabolome. <i>Environmental Research</i> , 2017, 156, 341-348.	3.7	61
121	Occupational exposure to pesticides is associated with differential DNA methylation. <i>Occupational and Environmental Medicine</i> , 2018, 75, 427-435.	1.3	61
122	Polymorphisms in genes involved in DNA double-strand break repair pathway and susceptibility to benzene-induced hematotoxicity. <i>Carcinogenesis</i> , 2006, 27, 2083-2089.	1.3	60
123	Leukocyte polycyclic aromatic hydrocarbonâ€“DNA adduct formation and colorectal adenoma. <i>Carcinogenesis</i> , 2007, 28, 1426-1429.	1.3	60
124	Quantifying urban street configuration for improvements in air pollution models. <i>Atmospheric Environment</i> , 2013, 72, 1-9.	1.9	60
125	The human circulating miRNome reflects multiple organ disease risks in association with short-term exposure to traffic-related air pollution. <i>Environment International</i> , 2018, 113, 26-34.	4.8	60
126	Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age: Pooled analysis of seven European birth cohorts. <i>Environment International</i> , 2018, 115, 267-278.	4.8	60

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127	Chromosome-wide aneuploidy study (CWAS) in workers exposed to an established leukemogen, benzene. <i>Carcinogenesis</i> , 2011, 32, 605-612.	1.3	59
128	Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe. <i>Environment International</i> , 2018, 117, 204-214.	4.8	59
129	Ascertainment of hand dermatitis using a symptom-based questionnaire; applicability in an industrial population. <i>Contact Dermatitis</i> , 2000, 42, 202-206.	0.8	58
130	A genome-wide association study of marginal zone lymphoma shows association to the HLA region. <i>Nature Communications</i> , 2015, 6, 5751.	5.8	58
131	A cross-sectional study of changes in markers of immunological effects and lung health due to exposure to multi-walled carbon nanotubes. <i>Nanotoxicology</i> , 2017, 11, 395-404.	1.6	58
132	Association between physical activity and risk of hepatobiliary cancers: A multinational cohort study. <i>Journal of Hepatology</i> , 2019, 70, 885-892.	1.8	58
133	STrengthening the Reporting of OBservational studies in Epidemiology " Molecular Epidemiology (STROBE"ME): An extension of the STROBE statement. <i>European Journal of Clinical Investigation</i> , 2012, 42, 1-16.	1.7	57
134	Inflammatory markers in relation to long-term air pollution. <i>Environment International</i> , 2015, 81, 1-7.	4.8	57
135	Air pollution and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts for Air Pollution Effects (ESCAPE). <i>International Journal of Cancer</i> , 2018, 143, 1632-1643.	2.3	57
136	Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. <i>Health and Place</i> , 2020, 61, 102243.	1.5	57
137	Polymorphisms in Cytokine and Cellular Adhesion Molecule Genes and Susceptibility to Hematotoxicity among Workers Exposed to Benzene. <i>Cancer Research</i> , 2005, 65, 9574-9581.	0.4	56
138	Coal Use, Stove Improvement, and Adult Pneumonia Mortality in Xuanwei, China: A Retrospective Cohort Study. <i>Environmental Health Perspectives</i> , 2009, 117, 261-266.	2.8	56
139	Validating self-reported mobile phone use in adults using a newly developed smartphone application. <i>Occupational and Environmental Medicine</i> , 2015, 72, 812-818.	1.3	56
140	Occupational exposures and 20-year incidence of COPD: the European Community Respiratory Health Survey. <i>Thorax</i> , 2018, 73, 1008-1015.	2.7	56
141	Particulate matter air pollution components and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts of Air Pollution Effects (ESCAPE). <i>Environment International</i> , 2018, 120, 163-171.	4.8	56
142	Genetic polymorphisms and benzene metabolism in humans exposed to a wide Range of air concentrations. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 789-801.	0.7	55
143	Geospatial modelling of electromagnetic fields from mobile phone base stations. <i>Science of the Total Environment</i> , 2013, 445-446, 202-209.	3.9	55
144	Welding and Lung Cancer in a Pooled Analysis of Case-Control Studies. <i>American Journal of Epidemiology</i> , 2013, 178, 1513-1525.	1.6	55

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145	Use of portable exposure meters for comparing mobile phone base station radiation in different types of areas in the cities of Basel and Amsterdam. <i>Science of the Total Environment</i> , 2014, 468-469, 1028-1033.	3.9	55
146	Occupational pesticide exposure and respiratory health: a large-scale cross-sectional study in three commercial farming systems in Ethiopia. <i>Thorax</i> , 2017, 72, 498.1-499.	2.7	55
147	Timing of HPV16-E6 antibody seroconversion before OPSCC: findings from the HPVC3 consortium. <i>Annals of Oncology</i> , 2019, 30, 1335-1343.	0.6	55
148	Long-Term Air Pollution Exposure and Amyotrophic Lateral Sclerosis in Netherlands: A Population-based Case-control Study. <i>Environmental Health Perspectives</i> , 2017, 125, 097023.	2.8	54
149	Human benzene metabolism following occupational and environmental exposures. <i>Chemico-Biological Interactions</i> , 2010, 184, 189-195.	1.7	53
150	The Diesel Exhaust in Miners Study: I. Overview of the Exposure Assessment Process. <i>Annals of Occupational Hygiene</i> , 2010, 54, 728-46.	1.9	53
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160	A systematic comparison of statistical methods to detect interactions in exposome-health associations. <i>Environmental Health</i> , 2017, 16, 74.	1.7	51
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180	Acute changes in DNA methylation in relation to 24-h personal air pollution exposure measurements: A panel study in four European countries. <i>Environment International</i> , 2018, 120, 11-21.	4.8	48

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256	Physical activity and lymphoid neoplasms in the European Prospective Investigation into Cancer and nutrition (EPIC). <i>European Journal of Cancer</i> , 2011, 47, 748-760.	1.3	33
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268	Occupational exposure to magnetic fields and electric shocks and risk of ALS: The Swiss National Cohort. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015, 16, 80-85.	1.1	32
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270	Occupational exposure to pesticides are associated with fixed airflow obstruction in middle-age. <i>Thorax</i> , 2017, 72, 990-997.	2.7	32

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292	An annotation database for chemicals of emerging concern in exposome research. <i>Environment International</i> , 2021, 152, 106511.	4.8	29
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296	Body mass index in young school-age children in relation to organochlorine compounds in early life: a prospective study. <i>International Journal of Obesity</i> , 2014, 38, 919-925.	1.6	28
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449	Plasma concentrations of persistent organic pollutants and pancreatic cancer risk. <i>International Journal of Epidemiology</i> , 2022, 51, 479-490.	0.9	16
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