

# Roel C H Vermeulen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

661  
papers

20,345  
citations

69  
h-index

105  
g-index

707  
ext. papers

24,648  
ext. citations

6.4  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
661	Hematotoxicity in workers exposed to low levels of benzene. <i>Science</i> , <b>2004</b> , 306, 1774-6	33.3	446
660	Prediction of acute myeloid leukaemia risk in healthy individuals. <i>Nature</i> , <b>2018</b> , 559, 400-404	50.4	368
659	High-Resolution Air Pollution Mapping with Google Street View Cars: Exploiting Big Data. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6999-7008	10.3	303
658	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> , <b>2012</b> , 104, 855-68	9.7	301
657	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> , <b>2008</b> , 29, 1178-83	4.6	239
656	Genome-wide association analysis identifies new lung cancer susceptibility loci in never-smoking women in Asia. <i>Nature Genetics</i> , <b>2012</b> , 44, 1330-5	36.3	237
655	Considerations of circadian impact for defining 'shift work' in cancer studies: IARC Working Group Report. <i>Occupational and Environmental Medicine</i> , <b>2011</b> , 68, 154-62	2.1	237
654	The Diesel Exhaust in Miners study: a cohort mortality study with emphasis on lung cancer. <i>Journal of the National Cancer Institute</i> , <b>2012</b> , 104, 869-83	9.7	232
653	The exposome and health: Where chemistry meets biology. <i>Science</i> , <b>2020</b> , 367, 392-396	33.3	231
652	Dynamics of smoking-induced genome-wide methylation changes with time since smoking cessation. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 2349-59	5.6	201
651	Human population studies with cytogenetic biomarkers: review of the literature and future perspectives. <i>Environmental and Molecular Mutagenesis</i> , <b>2005</b> , 45, 258-70	3.2	195
650	Biological dust exposure in the workplace is a risk factor for chronic obstructive pulmonary disease. <i>Thorax</i> , <b>2005</b> , 60, 645-51	7.3	164
649	The exposome in practice: Design of the EXPOSOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , <b>2017</b> , 220, 142-151	6.9	153
648	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> , <b>2017</b> , 607-608, 1073-1084	10.2	148
647	Genome-wide association study identifies multiple risk loci for chronic lymphocytic leukemia. <i>Nature Genetics</i> , <b>2013</b> , 45, 868-76	36.3	147
646	Meta-analysis on shift work and risks of specific obesity types. <i>Obesity Reviews</i> , <b>2018</b> , 19, 28-40	10.6	146
645	Assessing exposure and health consequences of chemicals in drinking water: current state of knowledge and research needs. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 213-21	8.4	146

644	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> , <b>2016</b> , 124, 365-72	8.4	140
643	Occupational exposure to formaldehyde, hematotoxicity, and leukemia-specific chromosome changes in cultured myeloid progenitor cells. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2010</b> , 19, 80-8	4	137
642	Is pesticide use related to Parkinson disease? Some clues to heterogeneity in study results. <i>Environmental Health Perspectives</i> , <b>2012</b> , 120, 340-7	8.4	136
641	Personal and indoor PM2.5 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 &amp; Technology</i> , <b>2014</b> , 48, 8456-64	10.3	127
640	Reproducibility and correlations of multiplex cytokine levels in asymptomatic persons. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2008</b> , 17, 3450-6	4	127
639	The Relationship Between Shift Work and Metabolic Risk Factors: A Systematic Review of Longitudinal Studies. <i>American Journal of Preventive Medicine</i> , <b>2016</b> , 50, e147-e157	6.1	118
638	The potential role of lung microbiota in lung cancer attributed to household coal burning exposures. <i>Environmental and Molecular Mutagenesis</i> , <b>2014</b> , 55, 643-51	3.2	116
637	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> , <b>2011</b> , 183, 941-8	10.2	116
636	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> , <b>2012</b> , 185, 1292-300	10.2	112
635	Chromosomal aberrations and cancer risk: results of a cohort study from Central Europe. <i>American Journal of Epidemiology</i> , <b>2007</b> , 165, 36-43	3.8	112
634	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> , <b>2013</b> , 121, 480-7	8.4	111
633	A Systematic Comparison of Linear Regression-Based Statistical Methods to Assess Exposure-Health Associations. <i>Environmental Health Perspectives</i> , <b>2016</b> , 124, 1848-1856	8.4	111
632	Genome-wide association study identifies multiple susceptibility loci for diffuse large B cell lymphoma. <i>Nature Genetics</i> , <b>2014</b> , 46, 1233-8	36.3	108
631	Discovery of novel biomarkers by microarray analysis of peripheral blood mononuclear cell gene expression in benzene-exposed workers. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, 801-7	8.4	107
630	Prediagnostic body fat and risk of death from amyotrophic lateral sclerosis: the EPIC cohort. <i>Neurology</i> , <b>2013</b> , 80, 829-38	6.5	103
629	Exposure to perfluorinated compounds and human semen quality in Arctic and European populations. <i>Human Reproduction</i> , <b>2012</b> , 27, 2532-40	5.7	103
628	Blood serum concentrations of perfluorinated compounds in men from Greenlandic Inuit and European populations. <i>Chemosphere</i> , <b>2012</b> , 88, 1269-75	8.4	101
627	Conceptual model for assessment of dermal exposure. <i>Occupational and Environmental Medicine</i> , <b>1999</b> , 56, 765-73	2.1	101

626	Strengthening the Reporting of OBServational studies in Epidemiology--Molecular Epidemiology (STROBE-ME): an extension of the STROBE Statement. <i>PLoS Medicine</i> , <b>2011</b> , 8, e1001117	11.6	99
625	Assessment of occupational exposures in a general population: comparison of different methods. <i>Occupational and Environmental Medicine</i> , <b>1999</b> , 56, 145-51	2.1	98
624	Exposure-response estimates for diesel engine exhaust and lung cancer mortality based on data from three occupational cohorts. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 172-7	8.4	96
623	Smoking and risk for amyotrophic lateral sclerosis: analysis of the EPIC cohort. <i>Annals of Neurology</i> , <b>2009</b> , 65, 378-85	9.4	96
622	Impaired lung function and lung cancer incidence in a cohort of Swedish construction workers. <i>Thorax</i> , <b>2007</b> , 62, 51-6	7.3	94
621	Deciphering the complex: methodological overview of statistical models to derive OMICS-based biomarkers. <i>Environmental and Molecular Mutagenesis</i> , <b>2013</b> , 54, 542-57	3.2	93
620	The Exposome: Molecules to Populations. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2019</b> , 59, 107-127	12.7	92
619	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> , <b>2019</b> , 130, 104934	12.9	90
618	Modeling human metabolism of benzene following occupational and environmental exposures. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 2246-52	4	89
617	Using urinary biomarkers to elucidate dose-related patterns of human benzene metabolism. <i>Carcinogenesis</i> , <b>2006</b> , 27, 772-81	4.6	88
616	t(14;18) Translocation: A predictive blood biomarker for follicular lymphoma. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 1347-55	2.2	86
615	Dermal exposure to cyclophosphamide in hospitals during preparation, nursing and cleaning activities. <i>International Archives of Occupational and Environmental Health</i> , <b>2005</b> , 78, 403-12	3.2	86
614	Risk of lung cancer associated with domestic use of coal in Xuanwei, China: retrospective cohort study. <i>BMJ, The</i> , <b>2012</b> , 345, e5414	5.9	85
613	Pulmonary ventilatory defects and occupational exposures in a population-based study in Spain. Spanish Group of the European Community Respiratory Health Survey. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 157, 512-7	10.2	85
612	Biomarkers of ambient air pollution and lung cancer: a systematic review. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 619-27	2.1	82
611	Global gene expression profiling of a population exposed to a range of benzene levels. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 628-34	8.4	82
610	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> , <b>2011</b> , 119, 159-67	8.4	80
609	DNA methylation and exposure to ambient air pollution in two prospective cohorts. <i>Environment International</i> , <b>2017</b> , 108, 127-136	12.9	79

608	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> , <b>2000</b> , 44, 551-60		79
607	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> , <b>2014</b> , 23, 6616-33	5.6	77
606	Transient receptor potential genes, smoking, occupational exposures and cough in adults. <i>Respiratory Research</i> , <b>2012</b> , 13, 26	7.3	77
605	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> , <b>2016</b> , 60, 551-66		76
604	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> , <b>2018</b> , 14, 109-117	3.1	75
603	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> , <b>2018</b> , 126, 127007	8.4	75
602	Genome-wide association study identifies five susceptibility loci for follicular lymphoma outside the HLA region. <i>American Journal of Human Genetics</i> , <b>2014</b> , 95, 462-71	11	74
601	Is previous respiratory disease a risk factor for lung cancer?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 549-59	10.2	73
600	Association Between Soft Drink Consumption and Mortality in 10 European Countries. <i>JAMA Internal Medicine</i> , <b>2019</b> , 179, 1479-1490	11.5	72
599	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> , <b>2017</b> , 125, 107005	8.4	72
598	Environmental exposure to pesticides and the risk of Parkinson's disease in the Netherlands. <i>Environment International</i> , <b>2017</b> , 107, 100-110	12.9	72
597	Application of OMICS technologies in occupational and environmental health research; current status and projections. <i>Occupational and Environmental Medicine</i> , <b>2010</b> , 67, 136-43	2.1	72
596	Evidence that humans metabolize benzene via two pathways. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 946-52	8.4	71
595	Systems biology of human benzene exposure. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 184, 86-93	5	71
594	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , <b>2016</b> , 7, 10933	17.4	70
593	The association between different night shiftwork factors and breast cancer: a case-control study. <i>British Journal of Cancer</i> , <b>2013</b> , 109, 2472-80	8.7	69
592	High-resolution metabolomics of occupational exposure to trichloroethylene. <i>International Journal of Epidemiology</i> , <b>2016</b> , 45, 1517-1527	7.8	68
591	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> , <b>2014</b> , 2014, 41-51	4.8	66

590	Prenatal exposure to environmental chemical contaminants and asthma and eczema in school-age children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 70, 653-60	9.3	66
589	Searching for early breast cancer biomarkers by serum protein profiling of pre-diagnostic serum; a nested case-control study. <i>BMC Cancer</i> , <b>2011</b> , 11, 381	4.8	66
588	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> , <b>2017</b> , 47, 1-58	5.7	65
587	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> , <b>2005</b> , 102, 17041-6	11.5	65
586	Comparison of exposure assessment methods for occupational carcinogens in a multi-centre lung cancer case-control study. <i>Occupational and Environmental Medicine</i> , <b>2011</b> , 68, 148-53	2.1	64
585	The COVID-19 pandemic and global environmental change: Emerging research needs. <i>Environment International</i> , <b>2021</b> , 146, 106272	12.9	64
584	Impact of occupational carcinogens on lung cancer risk in a general population. <i>International Journal of Epidemiology</i> , <b>2012</b> , 41, 711-21	7.8	63
583	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> , <b>2010</b> , 19, 1577-84	4	61
582	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> , <b>2010</b> , 21, 523-55	2.8	61
581	Disinfectant use as a risk factor for atopic sensitization and symptoms consistent with asthma: an epidemiological study. <i>European Respiratory Journal</i> , <b>1996</b> , 9, 1407-13	13.6	61
580	Oxidative stress and inflammation mediate the effect of air pollution on cardio- and cerebrovascular disease: A prospective study in nonsmokers. <i>Environmental and Molecular Mutagenesis</i> , <b>2018</b> , 59, 234-246	3.2	61
579	Toward Greater Implementation of the Exposome Research Paradigm within Environmental Epidemiology. <i>Annual Review of Public Health</i> , <b>2017</b> , 38, 315-327	20.6	59
578	Association between mitochondrial DNA copy number, blood cell counts, and occupational benzene exposure. <i>Environmental and Molecular Mutagenesis</i> , <b>2008</b> , 49, 453-7	3.2	58
577	IARC monographs: 40 years of evaluating carcinogenic hazards to humans. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 507-14	8.4	57
576	Land Use Regression Models for Ultrafine Particles in Six European Areas. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3336-3345	10.3	56
575	The impact of new research technologies on our understanding of environmental causes of disease: the concept of clinical vulnerability. <i>Environmental Health</i> , <b>2009</b> , 8, 54	6	56
574	DREAM: a method for semi-quantitative dermal exposure assessment. <i>Annals of Occupational Hygiene</i> , <b>2003</b> , 47, 71-87		56
573	Radio-frequency electromagnetic field (RF-EMF) exposure levels in different European outdoor urban environments in comparison with regulatory limits. <i>Environment International</i> , <b>2014</b> , 68, 49-54	12.9	55



572	Genetic 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> , <b>2015</b> , 137, 311-9	7.5	55
571	Changes in the peripheral blood transcriptome associated with occupational benzene exposure identified by cross-comparison on two microarray platforms. <i>Genomics</i> , <b>2009</b> , 93, 343-9	4.3	55
570	Occupational dermal exposure to cyclophosphamide in Dutch hospitals: a pilot study. <i>Annals of Occupational Hygiene</i> , <b>2004</b> , 48, 237-44		55
569	Genome-wide association analysis implicates dysregulation of immunity genes in chronic lymphocytic leukaemia. <i>Nature Communications</i> , <b>2017</b> , 8, 14175	17.4	54
568	Lung cancer and socioeconomic status in a pooled analysis of case-control studies. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192999	3.7	54
567	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> , <b>2011</b> , 119, 1547-55	8.4	54
566	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> , <b>2011</b> , 20, 208-14	4	54
565	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 &amp; Technology</i> , <b>2014</b> , 48, 14632-41	10.3	53
564	Leukocyte polycyclic aromatic hydrocarbon-DNA adduct formation and colorectal adenoma. <i>Carcinogenesis</i> , <b>2007</b> , 28, 1426-9	4.6	53
563	Phthalates, perfluoroalkyl acids, metals and organochlorines and reproductive function: a multipollutant assessment in Greenlandic, Polish and Ukrainian men. <i>Occupational and Environmental Medicine</i> , <b>2015</b> , 72, 385-93	2.1	52
562	Pesticides and other occupational exposures are associated with airway obstruction: the LifeLines cohort study. <i>Occupational and Environmental Medicine</i> , <b>2014</b> , 71, 88-96	2.1	52
561	Mapping Air Pollution with Google Street View Cars: Efficient Approaches with Mobile Monitoring and Land Use Regression. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 12563-12572	10.3	52
560	Quantifying urban street configuration for improvements in air pollution models. <i>Atmospheric Environment</i> , <b>2013</b> , 72, 1-9	5.3	51
559	Geospatial modelling of electromagnetic fields from mobile phone base stations. <i>Science of the Total Environment</i> , <b>2013</b> , 445-446, 202-9	10.2	51
558	An international prospective cohort study of mobile phone users and health (Cosmos): design considerations and enrolment. <i>Cancer Epidemiology</i> , <b>2011</b> , 35, 37-43	2.8	51
557	Chromosome-wide aneuploidy study (CWAS) in workers exposed to an established leukemogen, benzene. <i>Carcinogenesis</i> , <b>2011</b> , 32, 605-12	4.6	51
556	Air pollution and risk of urinary bladder cancer in a case-control study in Spain. <i>Occupational and Environmental Medicine</i> , <b>2008</b> , 65, 56-60	2.1	51
555	Particulate matter air pollution, physical activity and systemic inflammation in Taiwanese adults. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 41-47	6.9	50

554	Genetic polymorphisms and benzene metabolism in humans exposed to a wide range of air concentrations. <i>Pharmacogenetics and Genomics</i> , <b>2007</b> , 17, 789-801	1.9	50
553	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. <i>Environmental Research</i> , <b>2017</b> , 154, 226-233	7.9	49
552	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> , <b>2017</b> , 11, 395-404	5.3	49
551	Validating self-reported mobile phone use in adults using a newly developed smartphone application. <i>Occupational and Environmental Medicine</i> , <b>2015</b> , 72, 812-8	2.1	49
550	Perturbation of metabolic pathways mediates the association of air pollutants with asthma and cardiovascular diseases. <i>Environment International</i> , <b>2018</b> , 119, 334-345	12.9	49
549	Coal use, stove improvement, and adult pneumonia mortality in Xuanwei, China: a retrospective cohort study. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 261-6	8.4	49
548	Effects of exposure to water disinfection by-products in a swimming pool: A metabolome-wide association study. <i>Environment International</i> , <b>2018</b> , 111, 60-70	12.9	49
547	The human circulating miRNome reflects multiple organ disease risks in association with short-term exposure to traffic-related air pollution. <i>Environment International</i> , <b>2018</b> , 113, 26-34	12.9	48
546	Polymorphisms in genes involved in DNA double-strand break repair pathway and susceptibility to benzene-induced hematotoxicity. <i>Carcinogenesis</i> , <b>2006</b> , 27, 2083-9	4.6	48
545	The diesel exhaust in miners study: I. Overview of the exposure assessment process. <i>Annals of Occupational Hygiene</i> , <b>2010</b> , 54, 728-46		47
544	The Diesel Exhaust in Miners Study: IV. Estimating historical exposures to diesel exhaust in underground non-metal mining facilities. <i>Annals of Occupational Hygiene</i> , <b>2010</b> , 54, 774-88		47
543	Detailed exposure assessment for a molecular epidemiology study of benzene in two shoe factories in China. <i>Annals of Occupational Hygiene</i> , <b>2004</b> , 48, 105-16		46
542	Polymorphisms in cytokine and cellular adhesion molecule genes and susceptibility to hematotoxicity among workers exposed to benzene. <i>Cancer Research</i> , <b>2005</b> , 65, 9574-81	10.1	46
541	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> , <b>2021</b> , 5, 113-122	12.8	46
540	The impact of ambient air pollution on the human blood metabolome. <i>Environmental Research</i> , <b>2017</b> , 156, 341-348	7.9	45
539	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> , <b>2014</b> , 468-469, 1028-33	10.2	45
538	The MOBI-Kids Study Protocol: Challenges in Assessing Childhood and Adolescent Exposure to Electromagnetic Fields from Wireless Telecommunication Technologies and Possible Association with Brain Tumor Risk. <i>Frontiers in Public Health</i> , <b>2014</b> , 2, 124	6	45
537	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> , <b>2018</b> , 20, 420-432	1	44



536	A genome-wide association study of marginal zone lymphoma shows association to the HLA region. <i>Nature Communications</i> , <b>2015</b> , 6, 5751	17.4	44
535	Large-scale evaluation of candidate genes identifies associations between DNA repair and genomic maintenance and development of benzene hematotoxicity. <i>Carcinogenesis</i> , <b>2009</b> , 30, 50-8	4.6	44
534	Occupational trichloroethylene exposure and kidney cancer risk: a meta-analysis. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 858-67	2.1	44
533	Human benzene metabolism following occupational and environmental exposures. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 184, 189-95	5	44
532	Ascertainment of hand dermatitis using a symptom-based questionnaire; applicability in an industrial population. <i>Contact Dermatitis</i> , <b>2000</b> , 42, 202-6	2.7	44
531	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> , <b>2018</b> , 115, 267-278	12.9	43
530	Comparison of Ultrafine Particle and Black Carbon Concentration Predictions from a Mobile and Short-Term Stationary Land-Use Regression Model. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12894-12902	10.3	43
529	Top 10 Research Priorities in Spatial Lifecourse Epidemiology. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 74501	8.4	43
528	Heterogeneity in coal composition and implications for lung cancer risk in Xuanwei and Fuyuan counties, China. <i>Environment International</i> , <b>2014</b> , 68, 94-104	12.9	43
527	Combining a job-exposure matrix with exposure measurements to assess occupational exposure to benzene in a population cohort in shanghai, china. <i>Annals of Occupational Hygiene</i> , <b>2012</b> , 56, 80-91		43
526	A case-control study of the protective effect of alcohol, coffee, and cigarette consumption on Parkinson disease risk: time-since-cessation modifies the effect of tobacco smoking. <i>PLoS ONE</i> , <b>2014</b> , 9, e95297	3.7	43
525	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> , <b>2020</b> , 49, 1454-1467	7.8	43
524	Occupational pesticide exposure and respiratory health: a large-scale cross-sectional study in three commercial farming systems in Ethiopia. <i>Thorax</i> , <b>2017</b> , 72, 498-499	7.3	42
523	Chromosome-wide aneuploidy study of cultured circulating myeloid progenitor cells from workers occupationally exposed to formaldehyde. <i>Carcinogenesis</i> , <b>2015</b> , 36, 160-7	4.6	42
522	The Diesel Exhaust in Miners Study: II. Exposure monitoring surveys and development of exposure groups. <i>Annals of Occupational Hygiene</i> , <b>2010</b> , 54, 747-61		42
521	Exposure-Response Analyses of Asbestos and Lung Cancer Subtypes in a Pooled Analysis of Case-Control Studies. <i>Epidemiology</i> , <b>2017</b> , 28, 288-299	3.1	41
520	Inflammatory markers in relation to long-term air pollution. <i>Environment International</i> , <b>2015</b> , 81, 1-7	12.9	41
519	Occupational exposures and 20-year incidence of COPD: the European Community Respiratory Health Survey. <i>Thorax</i> , <b>2018</b> , 73, 1008-1015	7.3	41

518	SYN-JEM: A Quantitative Job-Exposure Matrix for Five Lung Carcinogens. <i>Annals of Occupational Hygiene</i> , <b>2016</b> , 60, 795-811		41
517	Occupational exposures and Parkinson's disease mortality in a prospective Dutch cohort. <i>Occupational and Environmental Medicine</i> , <b>2015</b> , 72, 448-55	2.1	41
516	Occupational exposure to trichloroethylene is associated with a decline in lymphocyte subsets and soluble CD27 and CD30 markers. <i>Carcinogenesis</i> , <b>2010</b> , 31, 1592-6	4.6	41
515	Smoky coal, tobacco smoking, and lung cancer risk in Xuanwei, China. <i>Lung Cancer</i> , <b>2014</b> , 84, 31-5	5.9	40
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513	Stability and reproducibility of simultaneously detected plasma and serum cytokine levels in asymptomatic subjects. <i>Biomarkers</i> , <b>2010</b> , 15, 140-8	2.6	40
512	Flexible meta-regression to assess the shape of the benzene-leukemia exposure-response curve. <i>Environmental Health Perspectives</i> , <b>2010</b> , 118, 526-32	8.4	40
511	Association between GWAS-identified lung adenocarcinoma susceptibility loci and EGFR mutations in never-smoking Asian women, and comparison with findings from Western populations. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 454-465	5.6	40
510	Genetically predicted longer telomere length is associated with increased risk of B-cell lymphoma subtypes. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 1663-76	5.6	39
509	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> , <b>2012</b> , 42, 1-16	4.6	39
508	Immunologic profile of excessive body weight. <i>Biomarkers</i> , <b>2011</b> , 16, 243-51	2.6	39
507	Occupational exposure to organic dust increases lung cancer risk in the general population. <i>Thorax</i> , <b>2012</b> , 67, 111-6	7.3	39
506	A life course approach to explore the biological embedding of socioeconomic position and social mobility through circulating inflammatory markers. <i>Scientific Reports</i> , <b>2016</b> , 6, 25170	4.9	38
505	Occupational asbestos exposure and risk of pleural mesothelioma, lung cancer, and laryngeal cancer in the prospective Netherlands cohort study. <i>Journal of Occupational and Environmental Medicine</i> , <b>2014</b> , 56, 6-19	2	38
504	The Diesel Exhaust in Miners Study: III. Interrelations between respirable elemental carbon and gaseous and particulate components of diesel exhaust derived from area sampling in underground non-metal mining facilities. <i>Annals of Occupational Hygiene</i> , <b>2010</b> , 54, 762-73		38
503	Modelling of occupational respirable crystalline silica exposure for quantitative exposure assessment in community-based case-control studies. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 3262-8		38
502	The intake of grain fibers modulates cytokine levels in blood. <i>Biomarkers</i> , <b>2011</b> , 16, 504-10	2.6	38
501	Exploring causality of the association between smoking and Parkinson's disease. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 912-925	7.8	38

500	Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe. <i>Environment International</i> , <b>2018</b> , 117, 204-214	12.9	38
499	Mitochondrial DNA copy number and future risk of B-cell lymphoma in a nested case-control study in the prospective EPIC cohort. <i>Blood</i> , <b>2014</b> , 124, 530-5	2.2	37
498	Occupational exposure to pesticides is associated with differential DNA methylation. <i>Occupational and Environmental Medicine</i> , <b>2018</b> , 75, 427-435	2.1	37
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496	Leukemia-related chromosomal loss detected in hematopoietic progenitor cells of benzene-exposed workers. <i>Leukemia</i> , <b>2012</b> , 26, 2494-8	10.7	36
495	Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. <i>Health and Place</i> , <b>2020</b> , 61, 102243	4.6	36
494	Outdoor air pollution and risk for kidney parenchyma cancer in 14 European cohorts. <i>International Journal of Cancer</i> , <b>2017</b> , 140, 1528-1537	7.5	35
493	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> , <b>2018</b> , 120, 11-21	12.9	35
492	Modelling indoor electromagnetic fields (EMF) from mobile phone base stations for epidemiological studies. <i>Environment International</i> , <b>2014</b> , 67, 22-6	12.9	35
491	Welding and lung cancer in a pooled analysis of case-control studies. <i>American Journal of Epidemiology</i> , <b>2013</b> , 178, 1513-25	3.8	35
490	Timing of HPV16-E6 antibody seroconversion before OPSCC: findings from the HPVC3 consortium. <i>Annals of Oncology</i> , <b>2019</b> , 30, 1335-1343	10.3	34
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488	A retrospective cohort study of cause-specific mortality and incidence of hematopoietic malignancies in Chinese benzene-exposed workers. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 2184-97	7.5	34
487	Robustness of intra urban land-use regression models for ultrafine particles and black carbon based on mobile monitoring. <i>Environmental Research</i> , <b>2017</b> , 159, 500-508	7.9	34
486	Cause-specific mortality of Dutch chlorophenoxy herbicide manufacturing workers. <i>Occupational and Environmental Medicine</i> , <b>2010</b> , 67, 24-31	2.1	34
485	Comparison of expert and job-exposure matrix-based retrospective exposure assessment of occupational carcinogens in The Netherlands Cohort Study. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 745-51	2.1	34
484	Guidelines to evaluate human observational studies for quantitative risk assessment. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1700-5	8.4	34
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482	Occupational exposure and amyotrophic lateral sclerosis in a prospective cohort. <i>Occupational and Environmental Medicine</i> , <b>2017</b> , 74, 578-585	2.1	33
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468	Indoor concentrations of nitrogen dioxide and sulfur dioxide from burning solid fuels for cooking and heating in Yunnan Province, China. <i>Indoor Air</i> , <b>2016</b> , 26, 776-83	5.4	32
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466	Incidence and mortality for respiratory cancer and traffic-related air pollution in So Paulo, Brazil. <i>Environmental Research</i> , <b>2019</b> , 170, 243-251	7.9	32
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463	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> , <b>2018</b> , 143, 1632-1643	7.5	31
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452	Association between physical activity and risk of hepatobiliary cancers: A multinational cohort study. <i>Journal of Hepatology</i> , <b>2019</b> , 70, 885-892	13.4	30
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445	Household air pollution and lung cancer in China: a review of studies in Xuanwei. <i>Chinese Journal of Cancer</i> , <b>2014</b> , 33, 471-5		29
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441	Assessment of personal exposure from radiofrequency-electromagnetic fields in Australia and Belgium using on-body calibrated exposimeters. <i>Environmental Research</i> , <b>2016</b> , 151, 547-563	7.9	29
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239	Pre-diagnostic blood immune markers, incidence and progression of B-cell lymphoma and multiple myeloma: Univariate and functionally informed multivariate analyses. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 1335-1347	7.5	10
238	Lupus-related single nucleotide polymorphisms and risk of diffuse large B-cell lymphoma. <i>Lupus Science and Medicine</i> , <b>2017</b> , 4, e000187	4.6	10
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229	Is diesel equipment in the workplace safe or not?. <i>Occupational and Environmental Medicine</i> , <b>2016</b> , 73, 846-848	2.1	10
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226	Cancer incidence in the Western Australian mining industry (1996-2013). <i>Cancer Epidemiology</i> , <b>2017</b> , 49, 8-18	2.8	9
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