

Rob McConnell

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.

97
papers

4,102
citations

27
h-index

63
g-index

107
ext. papers

5,219
ext. citations

8.4
avg, IF

5.48
L-index

#	Paper	IF	Citations
97	Asthma in exercising children exposed to ozone: a cohort study. <i>Lancet, The</i> , 2002 , 359, 386-91	40	553
96	Traffic, susceptibility, and childhood asthma. <i>Environmental Health Perspectives</i> , 2006 , 114, 766-72	8.4	459
95	Childhood incident asthma and traffic-related air pollution at home and school. <i>Environmental Health Perspectives</i> , 2010 , 118, 1021-6	8.4	389
94	E-Cigarettes and Future Cigarette Use. <i>Pediatrics</i> , 2016 , 138,	7.4	273
93	Electronic Cigarette Use and Respiratory Symptoms in Adolescents. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1043-1049	10.2	174
92	The effects of ambient air pollution on school absenteeism due to respiratory illnesses. <i>Epidemiology</i> , 2001 , 12, 43-54	3.1	174
91	What are the respiratory effects of e-cigarettes?. <i>BMJ, The</i> , 2019 , 366, l5275	5.9	166
90	Flavorings in electronic cigarettes: an unrecognized respiratory health hazard?. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 2493-4	27.4	156
89	Prospective study of air pollution and bronchitic symptoms in children with asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 790-7	10.2	153
88	A longitudinal cohort study of body mass index and childhood exposure to secondhand tobacco smoke and air pollution: the Southern California Children's Health Study. <i>Environmental Health Perspectives</i> , 2015 , 123, 360-6	8.4	110
87	Patterns of Alternative Tobacco Product Use: Emergence of Hookah and E-cigarettes as Preferred Products Amongst Youth. <i>Journal of Adolescent Health</i> , 2016 , 58, 181-5	5.8	88
86	The E-cigarette Social Environment, E-cigarette Use, and Susceptibility to Cigarette Smoking. <i>Journal of Adolescent Health</i> , 2016 , 59, 75-80	5.8	85
85	E-cigarette Use and Subsequent Smoking Frequency Among Adolescents. <i>Pediatrics</i> , 2018 , 142,	7.4	76
84	Association of Changes in Air Quality With Bronchitic Symptoms in Children in California, 1993-2012. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1491-501	27.4	64
83	Association of Changes in Air Quality With Incident Asthma in Children in California, 1993-2014. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1906-1915	27.4	62
82	Type of E-Cigarette Device Used Among Adolescents and Young Adults: Findings From a Pooled Analysis of Eight Studies of 2166 Vapers. <i>Nicotine and Tobacco Research</i> , 2018 , 20, 271-274	4.9	53
81	Outdoor Air Pollution and New-Onset Airway Disease. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 387-398	4.7	52

80	Organophosphate neuropathy due to methamidophos: biochemical and neurophysiological markers. <i>Archives of Toxicology</i> , 1999 , 73, 296-300	5.8	49
79	Perfluoroalkyl substances and severity of nonalcoholic fatty liver in Children: An untargeted metabolomics approach. <i>Environment International</i> , 2020 , 134, 105220	12.9	48
78	Association of lead-exposure risk and family income with childhood brain outcomes. <i>Nature Medicine</i> , 2020 , 26, 91-97	50.5	42
77	Joint effects of prenatal air pollutant exposure and maternal folic acid supplementation on risk of autism spectrum disorder. <i>Autism Research</i> , 2018 , 11, 69-80	5.1	41
76	Trends in the Age of Cigarette Smoking Initiation Among Young Adults in the US From 2002 to 2018. <i>JAMA Network Open</i> , 2020 , 3, e2019022	10.4	34
75	Dog ownership enhances symptomatic responses to air pollution in children with asthma. <i>Environmental Health Perspectives</i> , 2006 , 114, 1910-5	8.4	34
74	Tobacco Marketing and Subsequent Use of Cigarettes, E-Cigarettes, and Hookah in Adolescents. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 926-932	4.9	32
73	Prenatal air pollution exposure and ultrasound measures of fetal growth in Los Angeles, California. <i>Environmental Research</i> , 2014 , 130, 7-13	7.9	28
72	Tobacco Retail Licensing and Youth Product Use. <i>Pediatrics</i> , 2019 , 143,	7.4	27
71	Prenatal Air Pollution Exposure and Early Cardiovascular Phenotypes in Young Adults. <i>PLoS ONE</i> , 2016 , 11, e0150825	3.7	27
70	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. <i>Hepatology</i> , 2020 , 72, 1758-1770	11.2	27
69	Sex-specific associations of autism spectrum disorder with residential air pollution exposure in a large Southern California pregnancy cohort. <i>Environmental Pollution</i> , 2019 , 254, 113010	9.3	26
68	Associations of gestational diabetes mellitus with residential air pollution exposure in a large Southern California pregnancy cohort. <i>Environment International</i> , 2019 , 130, 104933	12.9	26
67	Spatial Variation in Particulate Matter Components over a Large Urban Area. <i>Atmospheric Environment</i> , 2014 , 83, 211-219	5.3	25
66	Associations of Doctor-Diagnosed Asthma with Immigration Status, Age at Immigration, and Length of Residence in the United States in a Sample of Mexican American School Children in Chicago. <i>Journal of Asthma</i> , 2009 , 46, 796-802	1.9	25
65	Cost of near-roadway and regional air pollution-attributable childhood asthma in Los Angeles County. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1028-35	11.5	24
64	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , 2020 , 143, 105933	12.9	23
63	Association Between Air Pollution Exposure, Cognitive and Adaptive Function, and ASD Severity Among Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018 , 48, 137-150	4.6	22

62	Assessment of Nicotine and Cannabis Vaping and Respiratory Symptoms in Young Adults. <i>JAMA Network Open</i> , 2020 , 3, e2030189	10.4	22
61	E-cigarettes, conventional cigarettes, and dual use in Korean adolescents and university students: Prevalence and risk factors. <i>Drug and Alcohol Dependence</i> , 2016 , 168, 99-103	4.9	21
60	Air Toxics in Relation to Autism Diagnosis, Phenotype, and Severity in a U.S. Family-Based Study. <i>Environmental Health Perspectives</i> , 2018 , 126, 037004	8.4	19
59	Past 30-day co-use of tobacco and marijuana products among adolescents and young adults in California. <i>Addictive Behaviors</i> , 2019 , 98, 106053	4.2	18
58	Design of a smartphone application to monitor stress, asthma symptoms, and asthma inhaler use. <i>Annals of Allergy, Asthma and Immunology</i> , 2015 , 114, 341-342.e2	3.2	17
57	Associations of Prenatal Exposure to Cadmium With Child Growth, Obesity, and Cardiometabolic Traits. <i>American Journal of Epidemiology</i> , 2019 , 188, 141-150	3.8	16
56	Gestational diabetes mellitus, prenatal air pollution exposure, and autism spectrum disorder. <i>Environment International</i> , 2019 , 133, 105110	12.9	15
55	Hair Cortisol, Perceived Stress and Dispositional Optimism: A Pilot Study among Adolescents. <i>Journal of Traumatic Stress Disorders & Treatment</i> , 2014 , 3, 1000126	0	15
54	A Novel Wireless Wearable Volatile Organic Compound (VOC) Monitoring Device with Disposable Sensors. <i>Sensors</i> , 2016 , 16,	3.8	15
53	Trajectories of Nicotine and Cannabis Vaping and Polyuse From Adolescence to Young Adulthood. <i>JAMA Network Open</i> , 2020 , 3, e2019181	10.4	14
52	Prenatal metal mixtures and child blood pressure in the Rhea mother-child cohort in Greece. <i>Environmental Health</i> , 2021 , 20, 1	6	14
51	Ethnic Differences in Patterns of Cigarette and E-Cigarette Use Over Time Among Adolescents. <i>Journal of Adolescent Health</i> , 2019 , 65, 359-365	5.8	13
50	Determinants of the Spatial Distributions of Elemental Carbon and Particulate Matter in Eight Southern Californian Communities. <i>Atmospheric Environment</i> , 2014 , 86, 84-92	5.3	12
49	Asthma and school commuting time. <i>Journal of Occupational and Environmental Medicine</i> , 2010 , 52, 827-8		12
48	Contribution of tailpipe and non-tailpipe traffic sources to quasi-ultrafine, fine and coarse particulate matter in southern California. <i>Journal of the Air and Waste Management Association</i> , 2021 , 71, 209-230	2.4	12
47	Effects of policy-driven hypothetical air pollutant interventions on childhood asthma incidence in southern California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15883-15888	11.5	11
46	Environmental chemical burden in metabolic tissues and systemic biological pathways in adolescent bariatric surgery patients: A pilot untargeted metabolomic approach. <i>Environment International</i> , 2020 , 143, 105957	12.9	11
45	Association of Political Party Affiliation With Physical Distancing Among Young Adults During the COVID-19 Pandemic. <i>JAMA Internal Medicine</i> , 2021 , 181, 399-403	11.5	11

44	E-cigarette Product Characteristics and Subsequent Frequency of Cigarette Smoking. <i>Pediatrics</i> , 2020 , 145,	7.4	11
43	The impact of local regulation on reasons for electronic cigarette use among Southern California young adults. <i>Addictive Behaviors</i> , 2019 , 91, 253-258	4.2	10
42	Association of Fish Consumption and Mercury Exposure During Pregnancy With Metabolic Health and Inflammatory Biomarkers in Children. <i>JAMA Network Open</i> , 2020 , 3, e201007	10.4	10
41	Evaluating the predictive value of measures of susceptibility to tobacco and alternative tobacco products. <i>Addictive Behaviors</i> , 2019 , 96, 50-55	4.2	9
40	Association of the Built Environment With Childhood Psychosocial Stress. <i>JAMA Network Open</i> , 2020 , 3, e2017634	10.4	9
39	E-cigarette and cigarette purchasing among young adults before and after implementation of California's tobacco 21 policy. <i>Tobacco Control</i> , 2021 , 30, 206-211	5.3	9
38	Associations of Doctor-Diagnosed Asthma with Immigration Status, Age at Immigration, and Length of Residence in the United States in a Sample of Mexican American School Children in Chicago. <i>Journal of Asthma</i> , 2009 , 46, 796-802	1.9	8
37	Prenatal exposure to persistent organic pollutants and childhood obesity: A systematic review and meta-analysis of human studies. <i>Obesity Reviews</i> , 2021 , e13383	10.6	8
36	Exposure to per- and Polyfluoroalkyl Substances and Markers of Liver Injury: A Systematic Review and Meta-Analysis.. <i>Environmental Health Perspectives</i> , 2022 , 130, 46001	8.4	8
35	The Potential Effects of Policy-driven Air Pollution Interventions on Childhood Lung Development. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 438-444	10.2	7
34	Association of Local Variation in Neighborhood Disadvantage in Metropolitan Areas With Youth Neurocognition and Brain Structure. <i>JAMA Pediatrics</i> , 2021 , 175, e210426	8.3	7
33	RISK EFFECTS OF NEAR-ROADWAY POLLUTANTS AND ASTHMA STATUS ON BRONCHITIC SYMPTOMS IN CHILDREN. <i>Environmental Epidemiology</i> , 2018 , 2,	0.2	6
32	Electronic Cigarette and Cigarette Social Environments and Ever Use of Each Product: A Prospective Study of Young Adults in Southern California. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 1347-1354	4.9	6
31	Young adult e-cigarette use: A latent class analysis of device and flavor use, 2018-2019. <i>Drug and Alcohol Dependence</i> , 2020 , 216, 108258	4.9	6
30	Inflammatory cytokine response to ambient particles varies due to field collection procedures. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 497-502	5.7	5
29	Evidence of susceptibility to autism risks associated with early life ambient air pollution: A systematic review.. <i>Environmental Research</i> , 2021 , 112590	7.9	5
28	Blunt and Non-Blunt Cannabis Use and Risk of Subsequent Combustible Tobacco Product Use Among Adolescents. <i>Nicotine and Tobacco Research</i> , 2020 , 22, 1409-1413	4.9	5
27	E-cigarette use and adverse respiratory symptoms among adolescents and Young adults in the United States. <i>Preventive Medicine</i> , 2021 , 153, 106766	4.3	5

26	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. <i>Environmental Sciences: Processes and Impacts</i> , 2018 ,	4.3	4
25	Evaluating children's location using a personal GPS logging instrument: limitations and lessons learned. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 244-52	6.7	4
24	Prenatal Exposure to Air Pollution and Autism Spectrum Disorder: Sensitive Windows of Exposure and Sex Differences.. <i>Environmental Health Perspectives</i> , 2022 , 130, 17008	8.4	4
23	Risk factors associated with subsequent initiation of cigarettes and e-cigarettes in adolescence: A structural equation modeling approach. <i>Drug and Alcohol Dependence</i> , 2020 , 207, 107676	4.9	4
22	Costs of coronary heart disease and mortality associated with near-roadway air pollution. <i>Science of the Total Environment</i> , 2017 , 601-602, 391-396	10.2	3
21	Longitudinal associations between use and co-use of cigars and cigarettes: A pooled analysis of three adolescent cohorts. <i>Drug and Alcohol Dependence</i> , 2019 , 201, 45-48	4.9	3
20	Predicting Fine Spatial Scale Traffic Noise Using Mobile Measurements and Machine Learning. <i>Environmental Science & Technology</i> , 2020 , 54, 12860-12869	10.3	3
19	Tobacco and cannabis poly-substance and poly-product use trajectories across adolescence and young adulthood. <i>Preventive Medicine</i> , 2021 , 148, 106545	4.3	3
18	In Utero Exposure to Mercury Is Associated With Increased Susceptibility to Liver Injury and Inflammation in Childhood. <i>Hepatology</i> , 2021 , 74, 1546-1559	11.2	3
17	Tobacco-free Nicotine - New Name, Same Scheme?. <i>New England Journal of Medicine</i> , 2021 ,	59.2	3
16	Young adult perspectives on their respiratory health symptoms since vaping. <i>Substance Abuse</i> , 2021 , 42, 428-432	3.8	2
15	In utero exposure to near-roadway air pollution and autism spectrum disorder in children. <i>Environment International</i> , 2021 , 158, 106898	12.9	2
14	The impact of baseline incidence rates on burden of disease assessment of air pollution and onset childhood asthma: analysis of data from the contiguous United States. <i>Annals of Epidemiology</i> , 2021 , 53, 76-88.e10	6.4	1
13	Compliance in Controlled E-cigarette Studies. <i>Nicotine and Tobacco Research</i> , 2021 , 23, 614-618	4.9	1
12	First e-cigarette flavor and device type used: Associations with vaping persistence, frequency, and dependence in young adults. <i>Nicotine and Tobacco Research</i> , 2021 ,	4.9	1
11	Association of Outdoor Ambient Fine Particulate Matter With Intracellular White Matter Microstructural Properties Among Children. <i>JAMA Network Open</i> , 2021 , 4, e2138300	10.4	1
10	E-cigarette device type and combustible tobacco use: Results from a pooled analysis of 10,482 youth.. <i>Drug and Alcohol Dependence</i> , 2022 , 232, 109279	4.9	0
9	Risk of lead exposure, subcortical brain structure, and cognition in a large cohort of 9- to 10-year-old children. <i>PLoS ONE</i> , 2021 , 16, e0258469	3.7	0

8	Prenatal and childhood exposure to air pollution and traffic and the risk of liver injury in European children. <i>Environmental Epidemiology</i> , 2021 , 5, e153	0.2	o
7	Near-roadway air pollution, immune cells and adipokines among obese young adults.. <i>Environmental Health</i> , 2022 , 21, 36	6	o
6	Human Serum Albumin Cys34 Adducts in Newborn Dried Blood Spots: Associations With Air Pollution Exposure During Pregnancy.. <i>Frontiers in Public Health</i> , 2021 , 9, 730369	6	o
5	Temperature variability associations with cardiovascular and respiratory emergency department visits in Dhaka, Bangladesh.. <i>Environment International</i> , 2022 , 164, 107267	12.9	o
4	E-Cigarettes and Future Cigarette Use 2017 , 77-85		
3	E-Cigarettes, Cigarettes, and the Prevalence of Adolescent Tobacco Use 2017 , 101-110		
2	Sociodemographic differences in young adultsSrecall of tobacco and cannabis marketing online and in television/film.. <i>Preventive Medicine Reports</i> , 2021 , 24, 101592	2.6	
1	Psychosocial Factors Associated With Adolescent Electronic Cigarette and Cigarette Use 2017 , 141-153		