

# Rob McConnell

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

6,278  
citations

126708

33  
h-index

71532

76  
g-index

107  
all docs

107  
docs citations

107  
times ranked

6901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asthma in exercising children exposed to ozone: a cohort study. <i>Lancet, The</i> , 2002, 359, 386-391.	6.3	665
2	Traffic, Susceptibility, and Childhood Asthma. <i>Environmental Health Perspectives</i> , 2006, 114, 766-772.	2.8	519
3	Childhood Incident Asthma and Traffic-Related Air Pollution at Home and School. <i>Environmental Health Perspectives</i> , 2010, 118, 1021-1026.	2.8	467
4	E-Cigarettes and Future Cigarette Use. <i>Pediatrics</i> , 2016, 138, .	1.0	341
5	What are the respiratory effects of e-cigarettes?. <i>BMJ, The</i> , 2019, 366, 15275.	3.0	309
6	Electronic Cigarette Use and Respiratory Symptoms in Adolescents. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1043-1049.	2.5	272
7	The Effects of Ambient Air Pollution on School Absenteeism Due to Respiratory Illnesses. <i>Epidemiology</i> , 2001, 12, 43-54.	1.2	208
8	Flavorings in Electronic Cigarettes. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 2493.	3.8	191
9	Prospective Study of Air Pollution and Bronchitic Symptoms in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 790-797.	2.5	174
10	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, 360-366.	2.8	149
11	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.	2.8	128
12	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.	1.5	120
13	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.	3.8	115
14	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.	2.8	113
15	Perfluoroalkyl substances and severity of nonalcoholic fatty liver in Children: An untargeted metabolomics approach. <i>Environment International</i> , 2020, 134, 105220.	4.8	110
16	E-cigarette Use and Subsequent Smoking Frequency Among Adolescents. <i>Pediatrics</i> , 2018, 142, .	1.0	106
17	The E-cigarette Social Environment, E-cigarette Use, and Susceptibility to Cigarette Smoking. <i>Journal of Adolescent Health</i> , 2016, 59, 75-80.	1.2	104
18	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, 181-185.	1.2	98

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19	Association of lead-exposure risk and family income with childhood brain outcomes. <i>Nature Medicine</i> , 2020, 26, 91-97.	15.2	93
20	Prenatal Exposure to Perfluoroalkyl Substances Associated With Increased Susceptibility to Liver Injury in Children. <i>Hepatology</i> , 2020, 72, 1758-1770.	3.6	90
21	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.	3.8	85
22	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , 2020, 143, 105933.	4.8	65
23	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.	2.1	64
24	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.	1.4	63
25	Organophosphate neuropathy due to methamidophos: biochemical and neurophysiological markers. <i>Archives of Toxicology</i> , 1999, 73, 296-300.	1.9	59
26	Associations of gestational diabetes mellitus with residential air pollution exposure in a large Southern California pregnancy cohort. <i>Environment International</i> , 2019, 130, 104933.	4.8	57
27	Tobacco Marketing and Subsequent Use of Cigarettes, E-Cigarettes, and Hookah in Adolescents. <i>Nicotine and Tobacco Research</i> , 2019, 21, 926-932.	1.4	55
28	Assessment of Nicotine and Cannabis Vaping and Respiratory Symptoms in Young Adults. <i>JAMA Network Open</i> , 2020, 3, e2030189.	2.8	49
29	Tobacco Retail Licensing and Youth Product Use. <i>Pediatrics</i> , 2019, 143, .	1.0	48
30	Association of Local Variation in Neighborhood Disadvantage in Metropolitan Areas With Youth Neurocognition and Brain Structure. <i>JAMA Pediatrics</i> , 2021, 175, e210426.	3.3	48
31	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.	3.7	41
32	Prenatal Exposure to Air Pollution and Autism Spectrum Disorder: Sensitive Windows of Exposure and Sex Differences. <i>Environmental Health Perspectives</i> , 2022, 130, 17008.	2.8	41
33	Dog Ownership Enhances Symptomatic Responses to Air Pollution in Children with Asthma. <i>Environmental Health Perspectives</i> , 2006, 114, 1910-1915.	2.8	39
34	Prenatal air pollution exposure and ultrasound measures of fetal growth in Los Angeles, California. <i>Environmental Research</i> , 2014, 130, 7-13.	3.7	38
35	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.	1.6	38
36	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.	0.9	36

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37	Prenatal Air Pollution Exposure and Early Cardiovascular Phenotypes in Young Adults. PLoS ONE, 2016, 11, e0150825.	1.1	36
38	Association Between Air Pollution Exposure, Cognitive and Adaptive Function, and ASD Severity Among Children with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2018, 48, 137-150.	1.7	34
39	Prenatal metal mixtures and child blood pressure in the Rhea mother-child cohort in Greece. Environmental Health, 2021, 20, 1.	1.7	34
40	Cost of near-roadway and regional air pollutionâ€“attributable childhood asthma in Los Angeles County. Journal of Allergy and Clinical Immunology, 2014, 134, 1028-1035.	1.5	31
41	Prenatal exposure to persistent organic pollutants and childhood obesity: A systematic review and metaâ€“analysis of human studies. Obesity Reviews, 2022, 23, e13383.	3.1	31
42	Past 30-day co-use of tobacco and marijuana products among adolescents and young adults in California. Addictive Behaviors, 2019, 98, 106053.	1.7	30
43	Gestational diabetes mellitus, prenatal air pollution exposure, and autism spectrum disorder. Environment International, 2019, 133, 105110.	4.8	30
44	Association of Fish Consumption and Mercury Exposure During Pregnancy With Metabolic Health and Inflammatory Biomarkers in Children. JAMA Network Open, 2020, 3, e201007.	2.8	30
45	Association of Prenatal Exposure to Endocrine-Disrupting Chemicals With Liver Injury in Children. JAMA Network Open, 2022, 5, e2220176.	2.8	30
46	Trajectories of Nicotine and Cannabis Vaping and Polyuse From Adolescence to Young Adulthood. JAMA Network Open, 2020, 3, e2019181.	2.8	29
47	Associations of Prenatal Exposure to Cadmium With Child Growth, Obesity, and Cardiometabolic Traits. American Journal of Epidemiology, 2019, 188, 141-150.	1.6	28
48	E-cigarette and cigarette purchasing among young adults before and after implementation of Californiaâ€™s tobacco 21 policy. Tobacco Control, 2021, 30, 206-211.	1.8	28
49	Spatial variation in particulate matter components over a large urban area. Atmospheric Environment, 2014, 83, 211-219.	1.9	27
50	Air Toxics in Relation to Autism Diagnosis, Phenotype, and Severity in a U.S. Family-Based Study. Environmental Health Perspectives, 2018, 126, 037004.	2.8	27
51	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. Journal of Asthma, 2009, 46, 796-802.	0.9	26
52	The Effects of Coexposure to Extremes of Heat and Particulate Air Pollution on Mortality in California: Implications for Climate Change. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1117-1127.	2.5	26
53	Association of the Built Environment With Childhood Psychosocial Stress. JAMA Network Open, 2020, 3, e2017634.	2.8	23
54	E-cigarette use and adverse respiratory symptoms among adolescents and Young adults in the United States. Preventive Medicine, 2021, 153, 106766.	1.6	23

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55	Effects of policy-driven hypothetical air pollutant interventions on childhood asthma incidence in southern California. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15883-15888.	3.3	22
56	Association of Political Party Affiliation With Physical Distancing Among Young Adults During the COVID-19 Pandemic. JAMA Internal Medicine, 2021, 181, 399.	2.6	22
57	In Utero Exposure to Mercury Is Associated With Increased Susceptibility to Liver Injury and Inflammation in Childhood. Hepatology, 2021, 74, 1546-1559.	3.6	22
58	Design of a smartphone application to monitor stress, asthma symptoms, and asthma inhaler use. Annals of Allergy, Asthma and Immunology, 2015, 114, 341-342.e2.	0.5	21
59	The clear and persistent impact of air pollution on chronic respiratory diseases: a call for interventions. European Respiratory Journal, 2021, 57, 2002981.	3.1	21
60	E-cigarette Product Characteristics and Subsequent Frequency of Cigarette Smoking. Pediatrics, 2020, 145, .	1.0	20
61	Hair Cortisol, Perceived Stress and Dispositional Optimism: A Pilot Study among Adolescents. Journal of Traumatic Stress Disorders & Treatment, 2014, 03, 1000126.	0.3	20
62	A Novel Wireless Wearable Volatile Organic Compound (VOC) Monitoring Device with Disposable Sensors. Sensors, 2016, 16, 2060.	2.1	19
63	Ethnic Differences in Patterns of Cigarette and E-Cigarette Use Over Time Among Adolescents. Journal of Adolescent Health, 2019, 65, 359-365.	1.2	18
64	Predicting Fine Spatial Scale Traffic Noise Using Mobile Measurements and Machine Learning. Environmental Science & Technology, 2020, 54, 12860-12869.	4.6	18
65	In utero exposure to near-roadway air pollution and autism spectrum disorder in children. Environment International, 2022, 158, 106898.	4.8	18
66	Association of Outdoor Ambient Fine Particulate Matter With Intracellular White Matter Microstructural Properties Among Children. JAMA Network Open, 2021, 4, e2138300.	2.8	18
67	The Potential Effects of Policy-driven Air Pollution Interventions on Childhood Lung Development. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 438-444.	2.5	17
68	Environmental chemical burden in metabolic tissues and systemic biological pathways in adolescent bariatric surgery patients: A pilot untargeted metabolomic approach. Environment International, 2020, 143, 105957.	4.8	17
69	First E-Cigarette Flavor and Device Type Used: Associations With Vaping Persistence, Frequency, and Dependence in Young Adults. Nicotine and Tobacco Research, 2022, 24, 380-387.	1.4	17
70	Evaluating the predictive value of measures of susceptibility to tobacco and alternative tobacco products. Addictive Behaviors, 2019, 96, 50-55.	1.7	16
71	The impact of local regulation on reasons for electronic cigarette use among Southern California young adults. Addictive Behaviors, 2019, 91, 253-258.	1.7	16
72	Evidence of susceptibility to autism risks associated with early life ambient air pollution: A systematic review. Environmental Research, 2022, 208, 112590.	3.7	16

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73	Asthma and School Commuting Time. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, 827-828.	0.9	15
74	Determinants of the spatial distributions of elemental carbon and particulate matter in eight Southern Californian communities. <i>Atmospheric Environment</i> , 2014, 86, 84-92.	1.9	15
75	Tobacco and cannabis poly-substance and poly-product use trajectories across adolescence and young adulthood. <i>Preventive Medicine</i> , 2021, 148, 106545.	1.6	15
76	Tobacco-free Nicotine – New Name, Same Scheme?. <i>New England Journal of Medicine</i> , 2021, 385, 2406-2408.	13.9	15
77	Temperature variability associations with cardiovascular and respiratory emergency department visits in Dhaka, Bangladesh. <i>Environment International</i> , 2022, 164, 107267.	4.8	15
78	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.	0.9	14
79	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.	1.4	14
80	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.	1.6	13
81	Risk effects of near-roadway pollutants and asthma status on bronchitic symptoms in children. <i>Environmental Epidemiology</i> , 2018, 2, e012.	1.4	9
82	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.	1.6	9
83	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.	1.4	8
84	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.	1.1	8
85	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.	1.3	8
86	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.	1.6	7
87	Sustainability in Health Care. <i>Annual Review of Environment and Resources</i> , 2022, 47, 173-196.	5.6	7
88	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, 244-252.	1.8	6
89	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.	0.9	6
90	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.	1.4	5

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91	Young adult perspectives on their respiratory health symptoms since vaping. Substance Abuse, 2020, 42, 1-13.	1.1	5
92	Prenatal and childhood exposure to air pollution and traffic and the risk of liver injury in European children. Environmental Epidemiology, 2021, 5, e153.	1.4	5
93	Costs of coronary heart disease and mortality associated with near-roadway air pollution. Science of the Total Environment, 2017, 601-602, 391-396.	3.9	4
94	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. Environmental Sciences: Processes and Impacts, 2018, 20, 780-789.	1.7	4
95	Near-roadway air pollution, immune cells and adipokines among obese young adults. Environmental Health, 2022, 21, 36.	1.7	4
96	Sociodemographic differences in young adultsâ€™ recall of tobacco and cannabis marketing online and in television/film. Preventive Medicine Reports, 2021, 24, 101592.	0.8	3
97	Compliance in Controlled E-cigarette Studies. Nicotine and Tobacco Research, 2021, 23, 614-618.	1.4	2
98	E-cigarette device type and combustible tobacco use: Results from a pooled analysis of 10,482 youth. Drug and Alcohol Dependence, 2022, 232, 109279.	1.6	2
99	Exposure to perfluoroalkyl substances (PFAS) and liver injury: a systematic review and meta-analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
100	Having your cake (mix) and eating it too: Independent, interaction, and group effects of mixtures using Bayesian Hierarchical Regression Modelling. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
101	Prenatal Air Pollution, Maternal Immune Activation, and Autism Spectrum Disorders. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
102	Prenatal exposure to near-roadway air pollution and autism spectrum disorders in children. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
103	Prenatal Metal Mixtures and Child Blood Pressure in the Rhea Mother-Child Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
104	Associations between liver PFAS concentrations and plasma extracellular miRNAs in a cohort of adolescents undergoing bariatric surgery. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
105	Psychosocial Factors Associated With Adolescent Electronic Cigarette and Cigarette Use. , 2017, , 141-153.		0
106	E-Cigarettes and Future Cigarette Use. , 2017, , 77-85.		0
107	E-Cigarettes, Cigarettes, and the Prevalence of Adolescent Tobacco Use. , 2017, , 101-110.		0