

Sabit Cakmak

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

5,386
citations

71102

41
h-index

88630

70
g-index

94
all docs

94
docs citations

94
times ranked

6254
citing authors

#	ARTICLE	IF	CITATIONS
1	The association between blood PFAS concentrations and clinical biochemical measures of organ function and metabolism in participants of the Canadian Health Measures Survey (CHMS). <i>Science of the Total Environment</i> , 2022, 827, 153900.	8.0	28
2	The influence of demographic and lifestyle factors on urinary levels of PAH metabolites—empirical analyses of Cycle 2 (2009–2011) CHMS data. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 386-397.	3.9	18
3	The association between air pollution and hospitalization for patients with systemic lupus erythematosus in Chile: A daily time series analysis. <i>Environmental Research</i> , 2021, 192, 110469.	7.5	7
4	The association between air pollution and COVID-19 related mortality in Santiago, Chile: A daily time series analysis. <i>Environmental Research</i> , 2021, 198, 111284.	7.5	28
5	Long-term ozone exposure and mortality from neurological diseases in Canada. <i>Environment International</i> , 2021, 157, 106817.	10.0	33
6	Comparison of tris(2-ethylhexyl) phosphate and di(2-ethylhexyl) phosphoric acid toxicities in a rat 28-day oral exposure study. <i>Journal of Applied Toxicology</i> , 2020, 40, 600-618.	2.8	12
7	Effect of industrial point-source air pollutants on fractional exhaled nitric oxide in healthy volunteers. <i>Environmental Research</i> , 2020, 181, 108965.	7.5	3
8	Associations between blood volatile organic compounds, and changes in hematologic and biochemical profiles, in a population-based study. <i>Environment International</i> , 2020, 145, 106121.	10.0	29
9	Factors influencing volatile organic compounds in Canadian homes. <i>Indoor and Built Environment</i> , 2020, , 1420326X2092622.	2.8	3
10	Do acute changes in ambient air pollution increase the risk of potentially fatal cardiac arrhythmias in patients with implantable cardioverter defibrillators?. <i>Environmental Health</i> , 2020, 19, 72.	4.0	3
11	The Association Between Air Pollution and Hospitalization of Patients With Idiopathic Pulmonary Fibrosis in Chile. <i>Chest</i> , 2020, 158, 630-636.	0.8	28
12	Maternal blood biomarkers and adverse pregnancy outcomes: a systematic review and meta-analysis. <i>Critical Reviews in Toxicology</i> , 2019, 49, 461-478.	3.9	27
13	Profiles and monthly variations of selected volatile organic compounds in indoor air in Canadian homes: Results of Canadian national indoor air survey 2012–2013. <i>Environment International</i> , 2019, 126, 134-144.	10.0	28
14	Is residential ambient air limonene associated with asthma? Findings from the Canadian Health Measures Survey. <i>Environmental Pollution</i> , 2019, 244, 966-970.	7.5	11
15	Exposure to traffic and mortality risk in the 1991–2011 Canadian Census Health and Environment Cohort (CanCHEC). <i>Environment International</i> , 2019, 124, 16-24.	10.0	27
16	A PCR-based quantitative assay for the evaluation of mRNA integrity in rat samples. <i>Biomolecular Detection and Quantification</i> , 2018, 15, 18-23.	7.0	21
17	Associations between long-term PM2.5 and ozone exposure and mortality in the Canadian Census Health and Environment Cohort (CANCHEC), by spatial synoptic classification zone. <i>Environment International</i> , 2018, 111, 200-211.	10.0	102
18	The associations between phthalate exposure and insulin resistance, β -cell function and blood glucose control in a population-based sample. <i>Science of the Total Environment</i> , 2018, 612, 1287-1292.	8.0	62

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19	Cardiovascular and inflammatory mechanisms in healthy humans exposed to air pollution in the vicinity of a steel mill. <i>Particle and Fibre Toxicology</i> , 2018, 15, 34.	6.2	23
20	Maternal exposure to ambient air pollution and risk of early childhood cancers: A population-based study in Ontario, Canada. <i>Environment International</i> , 2017, 100, 139-147.	10.0	84
21	Exposure to air pollution near a steel plant is associated with reduced heart rate variability: a randomised crossover study. <i>Environmental Health</i> , 2017, 16, 4.	4.0	27
22	Associations between urinary biomarkers of oxidative stress and air pollutants observed in a randomized crossover exposure to steel mill emissions. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 387-394.	4.3	10
23	Maternal Exposure to Aeroallergens and the Risk of Early Delivery. <i>Epidemiology</i> , 2017, 28, 107-115.	2.7	7
24	Assessment of the effect of cold and hot temperatures on mortality in Ontario, Canada: a population-based study. <i>CMAJ Open</i> , 2016, 4, E48-E58.	2.4	35
25	Hospitalizations from Hypertensive Diseases, Diabetes, and Arrhythmia in Relation to Low and High Temperatures: Population-Based Study. <i>Scientific Reports</i> , 2016, 6, 30283.	3.3	44
26	Ozone exposure and cardiovascular-related mortality in the Canadian Census Health and Environment Cohort (CANCHEC) by spatial synoptic classification zone. <i>Environmental Pollution</i> , 2016, 214, 589-599.	7.5	75
27	The modifying effect of socioeconomic status on the relationship between traffic, air pollution and respiratory health in elementary schoolchildren. <i>Journal of Environmental Management</i> , 2016, 177, 1-8.	7.8	66
28	Estimation of indoor and outdoor ratios of selected volatile organic compounds in Canada. <i>Atmospheric Environment</i> , 2016, 141, 523-531.	4.1	40
29	Ambient Temperature and the Risk of Renal Colic: A Population-Based Study of the Impact of Demographics and Comorbidity. <i>Journal of Endourology</i> , 2016, 30, 1138-1143.	2.1	17
30	Infant birth weight and third trimester maternal plasma markers of vascular integrity: the MIREC study. <i>Biomarkers</i> , 2016, 21, 257-266.	1.9	11
31	Does Mental Health Status Influence Susceptibility to the Physiologic Effects of Air Pollution? A Population Based Study of Canadian Children. <i>PLoS ONE</i> , 2016, 11, e0168931.	2.5	20
32	An international round-robin study for the analysis of particulate semi-volatile organics by thermal desorption gas chromatography mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 754-775.	3.3	2
33	Development of an integrated approach for comparison of in vitro and in vivo responses to particulate matter. <i>Particle and Fibre Toxicology</i> , 2015, 13, 41.	6.2	17
34	Assessment of Urinary Metabolite Excretion After Rat Acute Exposure to Perfluorooctanoic Acid and Other Peroxisomal Proliferators. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 148-158.	4.1	7
35	Synoptic weather types and aeroallergens modify the effect of air pollution on hospitalisations for asthma hospitalisations in Canadian cities. <i>Environmental Pollution</i> , 2015, 204, 9-16.	7.5	25
36	Within- and between-city contrasts in nitrogen dioxide and mortality in 10 Canadian cities; a subset of the Canadian Census Health and Environment Cohort (CanCHEC). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 482-489.	3.9	56

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37	Association of weather and air pollution interactions on daily mortality in 12 Canadian cities. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 307-320.	3.3	58
38	The association between ambient air quality and cardiac rate and rhythm in ambulatory subjects. <i>Environment International</i> , 2014, 73, 365-371.	10.0	31
39	Indirect adjustment for multiple missing variables applicable to environmental epidemiology. <i>Environmental Research</i> , 2014, 134, 482-487.	7.5	54
40	The Association Between Urinary Phthalates and Lung Function. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 376-381.	1.7	30
41	Exposure to air pollution near a steel plant and effects on cardiovascular physiology: A randomized crossover study. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 279-286.	4.3	30
42	Changing air mass frequencies in Canada: potential links and implications for human health. <i>International Journal of Biometeorology</i> , 2014, 58, 121-135.	3.0	22
43	Extreme ambient temperatures and cardiorespiratory emergency room visits: assessing risk by comorbid health conditions in a time series study. <i>Environmental Health</i> , 2014, 13, 5.	4.0	60
44	Risk assessment for cardiovascular and respiratory mortality due to air pollution and synoptic meteorology in 10 Canadian cities. <i>Environmental Pollution</i> , 2014, 185, 322-332.	7.5	110
45	Residential exposure to volatile organic compounds and lung function: Results from a population-based cross-sectional survey. <i>Environmental Pollution</i> , 2014, 194, 145-151.	7.5	113
46	Metal composition of fine particulate air pollution and acute changes in cardiorespiratory physiology. <i>Environmental Pollution</i> , 2014, 189, 208-214.	7.5	159
47	Pollution levels and the effect of air pollution on asthma hospitalisations modified by synoptic weather type and aeroallergens. , 2014, , .		0
48	Comparison of remote sensing and fixed-site monitoring approaches for examining air pollution and health in a national study population. <i>Atmospheric Environment</i> , 2013, 80, 161-171.	4.1	21
49	A cohort study of intra-urban variations in volatile organic compounds and mortality, Toronto, Canada. <i>Environmental Pollution</i> , 2013, 183, 30-39.	7.5	56
50	The association between personal care products and lung function. <i>Annals of Epidemiology</i> , 2013, 23, 49-53.	1.9	10
51	Synoptic weather typing applied to air pollution mortality among the elderly in 10 Canadian cities. <i>Environmental Research</i> , 2013, 126, 66-75.	7.5	37
52	Acute changes in lung function associated with proximity to a steel plant: A randomized study. <i>Environment International</i> , 2013, 55, 15-19.	10.0	22
53	Long-Term Fine Particulate Matter Exposure and Mortality From Diabetes in Canada. <i>Diabetes Care</i> , 2013, 36, 3313-3320.	8.6	145
54	Respiratory burst in alveolar macrophages exposed to urban particles is not a predictor of cytotoxicity. <i>Toxicology in Vitro</i> , 2013, 27, 1287-1297.	2.4	13

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55	Nationally Representative Levels of Selected Volatile Organic Compounds in Canadian Residential Indoor Air: Population-Based Survey. <i>Environmental Science & Technology</i> , 2013, 47, 13276-13283.	10.0	83
56	Association of weather and air pollution interactions on daily mortality in 12 Canadian cities. , 2013, , .		0
57	The influence of neighborhood traffic density on the respiratory health of elementary schoolchildren. <i>Environment International</i> , 2012, 39, 128-132.	10.0	32
58	Air pollution and hospitalization for acute complications of diabetes in Chile. <i>Environment International</i> , 2012, 46, 1-5.	10.0	33
59	Does air pollution increase the effect of aeroallergens on hospitalization for asthma?. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 228-231.	2.9	109
60	Air Pollution and Emergency Department Visits for Asthma in Windsor, Canada. <i>Canadian Journal of Public Health</i> , 2012, 103, 4-8.	2.3	55
61	Climate change and future temperature-related mortality in 15 Canadian cities. <i>International Journal of Biometeorology</i> , 2012, 56, 605-619.	3.0	84
62	The risk of dying on days of higher air pollution among the socially disadvantaged elderly. <i>Environmental Research</i> , 2011, 111, 388-393.	7.5	53
63	The influence of air pollution on cardiovascular and pulmonary function and exercise capacity: Canadian Health Measures Survey (CHMS). <i>Environmental Research</i> , 2011, 111, 1309-1312.	7.5	105
64	Air pollution and hospitalization for venous thromboembolic disease in Chile. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 669-674.	3.8	80
65	Air pollution and hospitalization for epilepsy in Chile. <i>Environment International</i> , 2010, 36, 501-505.	10.0	51
66	Components of Particulate Air Pollution and Emergency Department Visits in Chile. <i>Archives of Environmental and Occupational Health</i> , 2009, 64, 148-155.	1.4	29
67	Air Pollution and Hospitalization for Headache in Chile. <i>American Journal of Epidemiology</i> , 2009, 170, 1057-1066.	3.4	77
68	Components of Particulate Air Pollution and Mortality in Chile. <i>International Journal of Occupational and Environmental Health</i> , 2009, 15, 152-158.	1.2	42
69	Tree Pollen and Hospitalization for Asthma in Urban Canada. <i>International Archives of Allergy and Immunology</i> , 2008, 146, 241-247.	2.1	91
70	Air Pollution and Mortality in Chile: Susceptibility among the Elderly. <i>Environmental Health Perspectives</i> , 2007, 115, 524-527.	6.0	90
71	Further interpretation of the acute effect of nitrogen dioxide observed in Canadian time-series studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, S36-S44.	3.9	109
72	Respiratory Health Effects of Air Pollution Gases: Modification by Education and Income. <i>Archives of Environmental and Occupational Health</i> , 2006, 61, 5-10.	1.4	22

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73	Do Gender, Education, and Income Modify the Effect of Air Pollution Gases on Cardiac Disease?. Journal of Occupational and Environmental Medicine, 2006, 48, 89-94.	1.7	43
74	Loss of hepatitis A virus antibodies after bone marrow transplantation. Bone Marrow Transplantation, 2006, 38, 37-40.	2.4	15
75	Gaseous Air Pollutants and Hospitalization for Respiratory Disease in the Neonatal Period. Environmental Health Perspectives, 2006, 114, 1751-1754.	6.0	21
76	Measuring Progress in the Management of Ambient Air Quality: The Case for Population Health. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 1289-1300.	2.3	17
77	Does Socio-demographic Status Influence the Effect of Pollens and Molds on Hospitalization for Asthma? Results from a Time-series Study in 10 Canadian Cities. Annals of Epidemiology, 2005, 15, 214-218.	1.9	19
78	Associations between Short-Term Changes in Nitrogen Dioxide and Mortality in Canadian Cities. Archives of Environmental Health, 2004, 59, 228-236.	0.4	157
79	Respiratory illness in children attending daycare. Pediatric Pulmonology, 2004, 38, 64-69.	2.0	42
80	Influence of outdoor aeroallergens on hospitalization for asthma in Canada. Journal of Allergy and Clinical Immunology, 2004, 113, 303-306.	2.9	166
81	Spatial Regression Models for Large-Cohort Studies Linking Community Air Pollution and Health. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 1811-1824.	2.3	19
82	Comparison of time series and case-crossover analyses of air pollution and hospital admission data. International Journal of Epidemiology, 2003, 32, 1064-1070.	1.9	74
83	The Role of Fungal Spores in Thunderstorm Asthma. Chest, 2003, 123, 745-750.	0.8	151
84	Effect of airborne allergens on emergency visits by children for conjunctivitis and rhinitis. Lancet, The, 2002, 359, 947-948.	13.7	84
85	Association between Ozone and Hospitalization for Acute Respiratory Diseases in Children Less than 2 Years of Age. American Journal of Epidemiology, 2001, 153, 444-452.	3.4	140
86	ASSOCIATION BETWEEN PARTICULATE- AND GAS-PHASE COMPONENTS OF URBAN AIR POLLUTION AND DAILY MORTALITY IN EIGHT CANADIAN CITIES. Inhalation Toxicology, 2000, 12, 15-39.	1.6	216
87	ASSOCIATION BETWEEN PARTICULATE- AND GAS-PHASE COMPONENTS OF URBAN AIR POLLUTION AND DAILY MORTALITY IN EIGHT CANADIAN CITIES. Inhalation Toxicology, 2000, 12, 15-39.	1.6	107
88	Influence of Ambient Fungal Spores on Emergency Visits for Asthma to a Regional Children's Hospital. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 2087-2090.	5.6	150
89	Effects of Particulate and Gaseous Air Pollution on Cardiorespiratory Hospitalizations. Archives of Environmental Health, 1999, 54, 130-139.	0.4	292
90	Methods for detecting and estimating population threshold concentrations for air pollution-related mortality with exposure measurement error. Risk Analysis, 1999, 19, 487-496.	2.7	18

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91	The Association between Ambient Carbon Monoxide Levels and Daily Mortality in Toronto, Canada. Journal of the Air and Waste Management Association, 1998, 48, 689-700.	1.9	118
92	The Effect of the Urban Ambient Air Pollution Mix on Daily Mortality Rates in 11 Canadian Cities. Canadian Journal of Public Health, 1998, 89, 152-156.	2.3	117
93	The role of particulate size and chemistry in the association between summertime ambient air pollution and hospitalization for cardiorespiratory diseases.. Environmental Health Perspectives, 1997, 105, 614-620.	6.0	231
94	Estimation of dry deposition velocity using inferential models and site-specific meteorologyâ€™uncertainty due to siting of meteorological towers. Atmospheric Environment, 1997, 31, 3911-3919.	4.1	37