

Frances Silverman

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.

27
papers

2,036
citations

17
h-index

27
g-index

27
ext. papers

2,242
ext. citations

6.1
avg, IF

3.82
L-index

#	Paper	IF	Citations
27	Inhalation of fine particulate air pollution and ozone causes acute arterial vasoconstriction in healthy adults. <i>Circulation</i> , 2002 , 105, 1534-6	16.7	611
26	Insights into the mechanisms and mediators of the effects of air pollution exposure on blood pressure and vascular function in healthy humans. <i>Hypertension</i> , 2009 , 54, 659-67	8.5	352
25	Acute blood pressure responses in healthy adults during controlled air pollution exposures. <i>Environmental Health Perspectives</i> , 2005 , 113, 1052-5	8.4	260
24	DNA hypomethylation, ambient particulate matter, and increased blood pressure: findings from controlled human exposure experiments. <i>Journal of the American Heart Association</i> , 2013 , 2, e000212	6	151
23	Relative contributions of PM2.5 chemical constituents to acute arterial vasoconstriction in humans. <i>Inhalation Toxicology</i> , 2004 , 16, 345-52	2.7	91
22	B vitamins attenuate the epigenetic effects of ambient fine particles in a pilot human intervention trial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3503-3508	11.5	87
21	Asthmatic subjects symptomatically worse at work: prevalence and characterization among a general asthma clinic population. <i>Chest</i> , 2000 , 118, 1309-14	5.3	71
20	Autonomic effects of controlled fine particulate exposure in young healthy adults: effect modification by ozone. <i>Environmental Health Perspectives</i> , 2009 , 117, 1287-92	8.4	52
19	Endotoxin in concentrated coarse and fine ambient particles induces acute systemic inflammation in controlled human exposures. <i>Occupational and Environmental Medicine</i> , 2013 , 70, 761-7	2.1	51
18	Characterization of the bacterial and fungal microbiome in indoor dust and outdoor air samples: a pilot study. <i>Environmental Sciences: Processes and Impacts</i> , 2016 , 18, 713-24	4.3	46
17	Effects of urban fine particulate matter and ozone on HDL functionality. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 26	8.4	32
16	Augmentation of arginase 1 expression by exposure to air pollution exacerbates the airways hyperresponsiveness in murine models of asthma. <i>Respiratory Research</i> , 2011 , 12, 19	7.3	30
15	The effect of air pollution on spatial dispersion of myocardial repolarization in healthy human volunteers. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 198-206	15.1	29
14	Concentrated ambient fine particles and not ozone induce a systemic interleukin-6 response in humans. <i>Inhalation Toxicology</i> , 2010 , 22, 210-8	2.7	28
13	Endotoxin and β ,1,3-d-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015 , 66, 509-16	8.5	27
12	B-vitamin Supplementation Mitigates Effects of Fine Particles on Cardiac Autonomic Dysfunction and Inflammation: A Pilot Human Intervention Trial. <i>Scientific Reports</i> , 2017 , 7, 45322	4.9	22
11	Does suggestibility modify acute reactions to passive cigarette smoke exposure?. <i>Environmental Research</i> , 1988 , 47, 34-47	7.9	18

10	Practice patterns of pulmonologists and family physicians for occupational asthma. <i>Chest</i> , 2007 , 132, 1526-31	5.3	17
9	Interaction of ozone and cigarette smoke exposure. <i>Environmental Research</i> , 1983 , 31, 125-37	7.9	17
8	Controlled exposure study of air pollution and T-wave alternans in volunteers without cardiovascular disease. <i>Environmental Health Perspectives</i> , 2012 , 120, 1157-61	8.4	13
7	Dermatologist and family practitioner practice patterns for occupational contact dermatitis. <i>Australasian Journal of Dermatology</i> , 2007 , 48, 22-7	1.3	9
6	Characterization of the University of Toronto Concentrated Aerosol Particle Exposure Facility (CAPEF) Effects on Fine and Ultrafine Nonrefractory Aerosol Composition. <i>Aerosol Science and Technology</i> , 2012 , 46, 697-707	3.4	7
5	A novel application of capnography during controlled human exposure to air pollution. <i>BioMedical Engineering OnLine</i> , 2006 , 5, 54	4.1	5
4	A Personal Sampler for Three Respiratory Irritants. <i>Journal of the Air Pollution Control Association</i> , 1982 , 32, 1068-1069		5
3	Acute Symptom Responses to Environmental Tobacco Smoke in Asthmatic and Nonasthmatic Individuals. <i>Indoor Air</i> , 1991 , 1, 404-413	5.4	2
2	Predictive Models Based on Personal, Indoor and Outdoor Air Pollution Exposure. <i>Indoor Air</i> , 1991 , 1, 457-464	5.4	2
1	Reply to Lucock et al.: Significance of interpretation and misinterpretation of a small mechanistic study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E3880-E3881 ¹	11.5	1