

Frances Silverman

List of Publications by Year in descending order

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27
papers

2,431
citations

430754

18
h-index

526166

27
g-index

27
all docs

27
docs citations

27
times ranked

3322
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhalation of Fine Particulate Air Pollution and Ozone Causes Acute Arterial Vasoconstriction in Healthy Adults. <i>Circulation</i> , 2002, 105, 1534-1536.	1.6	713
2	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, 659-667.	1.3	409
3	Acute Blood Pressure Responses in Healthy Adults During Controlled Air Pollution Exposures. <i>Environmental Health Perspectives</i> , 2005, 113, 1052-1055.	2.8	286
4	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.	1.6	200
5	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.	3.3	121
6	Relative Contributions of PM _{2.5} Chemical Constituents to Acute Arterial Vasoconstriction in Humans. <i>Inhalation Toxicology</i> , 2004, 16, 345-352.	0.8	101
7	Asthmatic Subjects Symptomatically Worse at Work. <i>Chest</i> , 2000, 118, 1309-1314.	0.4	82
8	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, 713-724.	1.7	74
9	Endotoxin in concentrated coarse and fine ambient particles induces acute systemic inflammation in controlled human exposures. <i>Occupational and Environmental Medicine</i> , 2013, 70, 761-767.	1.3	58
10	Autonomic Effects of Controlled Fine Particulate Exposure in Young Healthy Adults: Effect Modification by Ozone. <i>Environmental Health Perspectives</i> , 2009, 117, 1287-1292.	2.8	57
11	Effects of urban fine particulate matter and ozone on HDL functionality. <i>Particle and Fibre Toxicology</i> , 2015, 13, 26.	2.8	42
12	Endotoxin and β -1,3- <i>D</i> -Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015, 66, 509-516.	1.3	37
13	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.	1.4	36
14	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.	1.2	35
15	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.	1.6	31
16	Concentrated ambient fine particles and not ozone induce a systemic interleukin-6 response in humans. <i>Inhalation Toxicology</i> , 2010, 22, 210-218.	0.8	30
17	Practice Patterns of Pulmonologists and Family Physicians for Occupational Asthma. <i>Chest</i> , 2007, 132, 1526-1531.	0.4	24
18	Interaction of ozone and cigarette smoke exposure. <i>Environmental Research</i> , 1983, 31, 125-137.	3.7	23

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19	Does suggestibility modify acute reactions to passive cigarette smoke exposure?. Environmental Research, 1988, 47, 34-47.	3.7	20
20	Controlled Exposure Study of Air Pollution and T-Wave Alternans in Volunteers without Cardiovascular Disease. Environmental Health Perspectives, 2012, 120, 1157-1161.	2.8	14
21	Dermatologist and family practitioner practice patterns for occupational contact dermatitis. Australasian Journal of Dermatology, 2007, 48, 22-27.	0.4	11
22	Characterization of the University of Toronto Concentrated Aerosol Particle Exposure Facility (CAPEF)â€™ Effects on Fine and Ultrafine Nonrefractory Aerosol Composition. Aerosol Science and Technology, 2012, 46, 697-707.	1.5	8
23	A Personal Sampler for Three Respiratory Irritants. Journal of the Air Pollution Control Association, 1982, 32, 1068-1069.	0.5	6
24	A novel application of capnography during controlled human exposure to air pollution. BioMedical Engineering OnLine, 2006, 5, 54.	1.3	6
25	Acute Symptom Responses to Environmental Tobacco Smoke in Asthmatic and Nonasthmatic Individuals. Indoor Air, 1991, 1, 404-413.	2.0	4
26	Predictive Models Based on Personal, Indoor and Outdoor Air Pollution Exposure. Indoor Air, 1991, 1, 457-464.	2.0	2
27	Reply to Lucock et al.: Significance of interpretation and misinterpretation of a small mechanistic study. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3880-E3881.	3.3	1