

Alan F Vette

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,816
citations

304602

22
h-index

477173

29
g-index

31
all docs

31
docs citations

31
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Spatial and Temporal Variability of Residential Air Exchange Rates for the Near-Road Exposures and Effects of Urban Air Pollutants Study (NEXUS). <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11481-11504.	1.2	15
2	Applicability of the Environmental Relative Moldiness Index for Quantification of Residential Mold Contamination in an Air Pollution Health Effects Study. <i>Journal of Environmental and Public Health</i> , 2014, 2014, 1-7.	0.4	4
3	The Near-Road Exposures and Effects of Urban Air Pollutants Study (NEXUS): Study design and methods. <i>Science of the Total Environment</i> , 2013, 448, 38-47.	3.9	73
4	Health and Household Air Pollution from Solid Fuel Use: The Need for Improved Exposure Assessment. <i>Environmental Health Perspectives</i> , 2013, 121, 1120-1128.	2.8	223
5	Assessing spatial and temporal variability of VOCs and PM-components in outdoor air during the Detroit Exposure and Aerosol Research Study (DEARS). <i>Atmospheric Environment</i> , 2012, 46, 159-168.	1.9	12
6	Separating the Air Quality Impact of a Major Highway and Nearby Sources by Nonparametric Trajectory Analysis. <i>Environmental Science & Technology</i> , 2011, 45, 10471-10476.	4.6	22
7	Can Personal Exposures to Higher Nighttime and Early-Morning Temperatures Increase Blood Pressure?. <i>Journal of Clinical Hypertension</i> , 2011, 13, 881-888.	1.0	28
8	Model evaluation of roadside barrier impact on near-road air pollution. <i>Atmospheric Environment</i> , 2011, 45, 2522-2530.	1.9	76
9	An evaluation of EPA's National-Scale Air Toxics Assessment (NATA): Comparison with benzene measurements in Detroit, Michigan. <i>Atmospheric Environment</i> , 2011, 45, 3301-3308.	1.9	24
10	Differences in blood pressure and vascular responses associated with ambient fine particulate matter exposures measured at the personal versus community level. <i>Occupational and Environmental Medicine</i> , 2011, 68, 224-230.	1.3	128
11	Exploration of the Rapid Effects of Personal Fine Particulate Matter Exposure on Arterial Hemodynamics and Vascular Function during the Same Day. <i>Environmental Health Perspectives</i> , 2011, 119, 688-694.	2.8	29
12	Participant-based monitoring of indoor and outdoor nitrogen dioxide, volatile organic compounds, and polycyclic aromatic hydrocarbons among MICA-Air households. <i>Atmospheric Environment</i> , 2010, 44, 4927-4936.	1.9	35
13	Development of a distance-to-roadway proximity metric to compare near-road pollutant levels to a central site monitor. <i>Atmospheric Environment</i> , 2009, 43, 787-797.	1.9	33
14	The design and field implementation of the Detroit Exposure and Aerosol Research Study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 643-659.	1.8	72
15	Contributions of diesel truck emissions to indoor elemental carbon concentrations in homes in proximity to Ambassador Bridge. <i>Atmospheric Environment</i> , 2008, 42, 9080-9086.	1.9	21
16	Multi-criteria decision analysis for the selection of a near road ambient air monitoring site for the measurement of mobile source air toxics. <i>Transportation Research, Part D: Transport and Environment</i> , 2008, 13, 505-515.	3.2	18
17	The Importance of Exposure in Addressing Current and Emerging Air Quality Issues. <i>NATO Security Through Science Series C: Environmental Security</i> , 2008, , 640-647.	0.1	0
18	Chemical characterization of volatile organic compounds near the World Trade Center: Ambient concentrations and source apportionment. <i>Atmospheric Environment</i> , 2007, 41, 5673-5683.	1.9	26

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19	Air levels of carcinogenic polycyclic aromatic hydrocarbons after the World Trade Center disaster. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11685-11688.	3.3	62
20	Assaying particle-bound polycyclic aromatic hydrocarbons from archived PM2.5 filters. Journal of Chromatography A, 2004, 1033, 9-17.	1.8	43
21	Comparisons of the Dust/Smoke Particulate that Settled Inside the Surrounding Buildings and Outside on the Streets of Southern New York City after the Collapse of the World Trade Center, September 11, 2001. Journal of the Air and Waste Management Association, 2004, 54, 515-528.	0.9	51
22	Chemical Characterization of Ambient Particulate Matter near the World Trade Center:Â Elemental Carbon, Organic Carbon, and Mass Reconstruction. Environmental Science & Technology, 2004, 38, 4465-4473.	4.6	25
23	Deposition and Emission of Gaseous Mercury to and from Lake Michigan during the Lake Michigan Mass Balance Study (July, 1994â~October, 1995). Environmental Science & Technology, 2002, 36, 4525-4532.	4.6	40
24	Atmospheric Mercury in the Lake Michigan Basin:Â Influence of the Chicago/Gary Urban Area. Environmental Science & Technology, 2002, 36, 4508-4517.	4.6	128
25	Dynamic flux chamber measurement of gaseous mercury emission fluxes over soils. Part 1: simulation of gaseous mercury emissions from soils using a two-resistance exchange interface model. Atmospheric Environment, 2002, 36, 835-846.	1.9	117
26	Dynamic flux chamber measurement of gaseous mercury emission fluxes over soils: Part 2â€”effect of flushing flow rate and verification of a two-resistance exchange interface simulation model. Atmospheric Environment, 2002, 36, 847-859.	1.9	98
27	Characterization of Indoor-Outdoor Aerosol Concentration Relationships during the Fresno PM Exposure Studies. Aerosol Science and Technology, 2001, 34, 118-126.	1.5	151
28	The relationships between personal PM exposures for elderly populations and indoor and outdoor concentrations for three retirement center scenarios. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 103-115.	1.8	54
29	Title is missing!. Biogeochemistry, 2000, 48, 237-259.	1.7	75
30	Assessing the contribution of natural sources to regional atmospheric mercury budgets. Science of the Total Environment, 2000, 259, 61-71.	3.9	132