

Neil Edward Klepeis

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

4,568
citations

331670

21
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330143

37
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40
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40
docs citations

40
times ranked

5285
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration of PurpleAir PA-I and PA-II Monitors Using Daily Mean PM _{2.5} Concentrations Measured in California, Washington, and Oregon from 2017 to 2021. <i>Sensors</i> , 2022, 22, 4741.	3.8	7
2	Assessing reinforcing versus aversive consequences in a real-time secondhand smoke intervention. <i>Translational Behavioral Medicine</i> , 2021, 11, 1558-1566.	2.4	2
3	Indoor cannabis smoke and children's health. <i>Preventive Medicine Reports</i> , 2019, 14, 100853.	1.8	29
4	Randomised controlled trial of real-time feedback and brief coaching to reduce indoor smoking. <i>Tobacco Control</i> , 2019, 29, tobaccocontrol-2018-054717.	3.2	11
5	Randomized Trial to Reduce Air Particle Levels in Homes of Smokers and Children. <i>American Journal of Preventive Medicine</i> , 2018, 54, 359-367.	3.0	14
6	Computational model for behavior shaping as an adaptive health intervention strategy. <i>Translational Behavioral Medicine</i> , 2018, 8, 183-194.	2.4	4
7	Fine particles in homes of predominantly low-income families with children and smokers: Key physical and behavioral determinants to inform indoor-air-quality interventions. <i>PLoS ONE</i> , 2017, 12, e0177718.	2.5	35
8	Measuring Indoor Air Quality and Engaging California Indian Stakeholders at the Win-River Resort and Casino: Collaborative Smoke-Free Policy Development. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 143.	2.6	9
9	Determining PM _{2.5} calibration curves for a low-cost particle monitor: common indoor residential aerosols. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1959-1966.	3.5	57
10	Developing and Selecting Auditory Warnings for a Real-Time Behavioral Intervention. <i>American Journal of Public Health Research</i> , 2014, 2, 232-238.	0.3	15
11	Stochastic modeling of short-term exposure close to an air pollution source in a naturally ventilated room: An autocorrelated random walk method. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 311-318.	3.9	17
12	Pollutant Exposures from Natural Gas Cooking Burners: A Simulation-Based Assessment for Southern California. <i>Environmental Health Perspectives</i> , 2014, 122, 43-50.	6.0	81
13	Outdoor fine and ultrafine particle measurements at six bus stops with smoking on two California arterial highways—Results of a pilot study. <i>Journal of the Air and Waste Management Association</i> , 2014, 64, 47-60.	1.9	10
14	Real-time particle monitor calibration factors and PM _{2.5} emission factors for multiple indoor sources. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1511.	3.5	53
15	Identifying and quantifying secondhand smoke in multiunit homes with tobacco smoke odor complaints. <i>Atmospheric Environment</i> , 2013, 71, 399-407.	4.1	18
16	Environmental monitoring of secondhand smoke exposure. <i>Tobacco Control</i> , 2013, 22, 147-155.	3.2	115
17	Promoting Smoke-Free Homes: A Novel Behavioral Intervention Using Real-Time Audio-Visual Feedback on Airborne Particle Levels. <i>PLoS ONE</i> , 2013, 8, e73251.	2.5	52
18	Measurement of the proximity effect for indoor air pollutant sources in two homes. <i>Journal of Environmental Monitoring</i> , 2012, 14, 94-104.	2.1	32

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19	Small proportions of actively-smoking patrons and high PM2.5 levels in southern California tribal casinos: support for smoking bans or designated smoking areas. BMC Public Health, 2012, 12, 819.	2.9	8
20	Determination of response of real-time SidePak AM510 monitor to secondhand smoke, other common indoor aerosols, and outdoor aerosol. Journal of Environmental Monitoring, 2011, 13, 1695.	2.1	79
21	Modeling Exposure Close to Air Pollution Sources in Naturally Ventilated Residences: Association of Turbulent Diffusion Coefficient with Air Change Rate. Environmental Science & Technology, 2011, 45, 4016-4022.	10.0	59
22	Fine particle air pollution and secondhand smoke exposures and risks inside 66 US casinos. Environmental Research, 2011, 111, 473-484.	7.5	37
23	Measurement of fine particles and smoking activity in a statewide survey of 36 California Indian casinos. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 31-41.	3.9	26
24	Development, design, and conceptual issues of project zero exposure: A program to protect young children from tobacco smoke exposure. BMC Public Health, 2011, 11, 508.	2.9	14
25	Model-based reconstruction of the time response of electrochemical air pollutant monitors to rapidly varying concentrations. Journal of Environmental Monitoring, 2010, 12, 846.	2.1	7
26	Effect of interior door position on room-to-room differences in residential pollutant concentrations after short-term releases. Atmospheric Environment, 2009, 43, 706-714.	4.1	34
27	Outdoor air pollution in close proximity to a continuous point source. Atmospheric Environment, 2009, 43, 3155-3167.	4.1	19
28	Real-time Measurement of Outdoor Tobacco Smoke Particles. Journal of the Air and Waste Management Association, 2007, 57, 522-534.	1.9	144
29	Mitigating residential exposure to secondhand tobacco smoke. Atmospheric Environment, 2006, 40, 4408-4422.	4.1	8
30	Modeling residential exposure to secondhand tobacco smoke. Atmospheric Environment, 2006, 40, 4393-4407.	4.1	54
31	Determining Size-Specific Emission Factors for Environmental Tobacco Smoke Particles. Aerosol Science and Technology, 2003, 37, 780-790.	3.1	109
32	Analytical Solutions to Compartmental Indoor Air Quality Models with Application to Environmental Tobacco Smoke Concentrations Measured in a House. Journal of the Air and Waste Management Association, 2003, 53, 918-936.	1.9	42
33	The National Human Activity Pattern Survey (NHAPS): a resource for assessing exposure to environmental pollutants. Journal of Exposure Science and Environmental Epidemiology, 2001, 11, 231-252.	3.9	3,194
34	Validity of the Uniform Mixing Assumption: Determining Human Exposure to Environmental Tobacco Smoke. Environmental Health Perspectives, 1999, 107, 357.	6.0	16
35	The effect of cigar smoking on indoor levels of carbon monoxide and particles. Journal of Exposure Science and Environmental Epidemiology, 1999, 9, 622-635.	3.9	22
36	An Introduction to the Indirect Exposure Assessment Approach: Modeling Human Exposure Using Microenvironmental Measurements and the Recent National Human Activity Pattern Survey. Environmental Health Perspectives, 1999, 107, 365.	6.0	36

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37	A Multiple-Smoker Model for Predicting Indoor Air Quality in Public Lounges. Environmental Science & Technology, 1996, 30, 2813-2820.	10.0	47
38	The [FHC] molecular anion: Structural aspects, global surface, and vibrational eigenspectrum. Journal of Chemical Physics, 1993, 99, 3865-3897.	3.0	35
39	Environmental Tobacco Smoke Particles. , 0, , 245-274.		17