

# 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  
h-index

330143

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5285  
citing authors

#	ARTICLE	IF	CITATIONS
1	The National Human Activity Pattern Survey (NHAPS): a resource for assessing exposure to environmental pollutants. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2001, 11, 231-252.	3.9	3,194
2	Real-time Measurement of Outdoor Tobacco Smoke Particles. <i>Journal of the Air and Waste Management Association</i> , 2007, 57, 522-534.	1.9	144
3	Environmental monitoring of secondhand smoke exposure. <i>Tobacco Control</i> , 2013, 22, 147-155.	3.2	115
4	Determining Size-Specific Emission Factors for Environmental Tobacco Smoke Particles. <i>Aerosol Science and Technology</i> , 2003, 37, 780-790.	3.1	109
5	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
6	Determination of response of real-time SidePak AM510 monitor to secondhand smoke, other common indoor aerosols, and outdoor aerosol. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1695.	2.1	79
7	Modeling Exposure Close to Air Pollution Sources in Naturally Ventilated Residences: Association of Turbulent Diffusion Coefficient with Air Change Rate. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4016-4022.	10.0	59
8	Determining PM <sub>2.5</sub> 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
9	Modeling residential exposure to secondhand tobacco smoke. <i>Atmospheric Environment</i> , 2006, 40, 4393-4407.	4.1	54
10	Real-time particle monitor calibration factors and PM <sub>2.5</sub> emission factors for multiple indoor sources. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1511.	3.5	53
11	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
12	A Multiple-Smoker Model for Predicting Indoor Air Quality in Public Lounges. <i>Environmental Science &amp; Technology</i> , 1996, 30, 2813-2820.	10.0	47
13	Analytical Solutions to Compartmental Indoor Air Quality Models with Application to Environmental Tobacco Smoke Concentrations Measured in a House. <i>Journal of the Air and Waste Management Association</i> , 2003, 53, 918-936.	1.9	42
14	Fine particle air pollution and secondhand smoke exposures and risks inside 66 US casinos. <i>Environmental Research</i> , 2011, 111, 473-484.	7.5	37
15	An Introduction to the Indirect Exposure Assessment Approach: Modeling Human Exposure Using Microenvironmental Measurements and the Recent National Human Activity Pattern Survey. <i>Environmental Health Perspectives</i> , 1999, 107, 365.	6.0	36
16	The [F <sup>-</sup> HCl] molecular anion: Structural aspects, global surface, and vibrational eigenspectrum. <i>Journal of Chemical Physics</i> , 1993, 99, 3865-3897.	3.0	35
17	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
18	Effect of interior door position on room-to-room differences in residential pollutant concentrations after short-term releases. <i>Atmospheric Environment</i> , 2009, 43, 706-714.	4.1	34

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19	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
20	Indoor cannabis smoke and children's health. <i>Preventive Medicine Reports</i> , 2019, 14, 100853.	1.8	29
21	Measurement of fine particles and smoking activity in a statewide survey of 36 California Indian casinos. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2011, 21, 31-41.	3.9	26
22	The effect of cigar smoking on indoor levels of carbon monoxide and particles. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 1999, 9, 622-635.	3.9	22
23	Outdoor air pollution in close proximity to a continuous point source. <i>Atmospheric Environment</i> , 2009, 43, 3155-3167.	4.1	19
24	Identifying and quantifying secondhand smoke in multiunit homes with tobacco smoke odor complaints. <i>Atmospheric Environment</i> , 2013, 71, 399-407.	4.1	18
25	Environmental Tobacco Smoke Particles. , 0, , 245-274.		17
26	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
27	Validity of the Uniform Mixing Assumption: Determining Human Exposure to Environmental Tobacco Smoke. <i>Environmental Health Perspectives</i> , 1999, 107, 357.	6.0	16
28	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
29	Development, design, and conceptual issues of project zero exposure: A program to protect young children from tobacco smoke exposure. <i>BMC Public Health</i> , 2011, 11, 508.	2.9	14
30	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
31	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
32	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
33	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
34	Mitigating residential exposure to secondhand tobacco smoke. <i>Atmospheric Environment</i> , 2006, 40, 4408-4422.	4.1	8
35	Small proportions of actively-smoking patrons and high PM2.5 levels in southern California tribal casinos: support for smoking bans or designated smoking areas. <i>BMC Public Health</i> , 2012, 12, 819.	2.9	8
36	Model-based reconstruction of the time response of electrochemical air pollutant monitors to rapidly varying concentrations. <i>Journal of Environmental Monitoring</i> , 2010, 12, 846.	2.1	7

#	ARTICLE	IF	CITATIONS
37	Calibration of PurpleAir PA-I and PA-II Monitors Using Daily Mean PM2.5 Concentrations Measured in California, Washington, and Oregon from 2017 to 2021. <i>Sensors</i> , 2022, 22, 4741.	3.8	7
38	Computational model for behavior shaping as an adaptive health intervention strategy. <i>Translational Behavioral Medicine</i> , 2018, 8, 183-194.	2.4	4
39	Assessing reinforcing versus aversive consequences in a real-time secondhand smoke intervention. <i>Translational Behavioral Medicine</i> , 2021, 11, 1558-1566.	2.4	2