Peter C Raynor

List of Publications by Year
in descending order

30 papers	715 citations	567281 15 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	932 citing authors

#	Article	IF	Citations
1	Concentration, Size Distribution, and Infectivity of Airborne Particles Carrying Swine Viruses. PLoS ONE, 2015, 10, e0135675.	2.5	92
2	Association of Airborne Virus Infectivity and Survivability with its Carrier Particle Size. Aerosol Science and Technology, 2013, 47, 373-382.	3.1	63
3	Effects of Spray Surfactant and Particle Charge on Respirable Coal Dust Capture. Safety and Health at Work, 2017, 8, 296-305.	0.6	58
4	Effects of humidity and other factors on the generation and sampling of a coronavirus aerosol. Aerobiologia, 2007, 23, 239-248.	1.7	54
5	The Long-Term Performance of Electrically Charged Filters in a Ventilation System. Journal of Occupational and Environmental Hygiene, 2004, 1, 463-471.	1.0	51
6	Assessing Potential Nanoparticle Release During Nanocomposite Shredding Using Direct-Reading Instruments. Journal of Occupational and Environmental Hygiene, 2012, 9, 1-13.	1.0	51
7	Survival of Airborne MS2 Bacteriophage Generated from Human Saliva, Artificial Saliva, and Cell Culture Medium. Applied and Environmental Microbiology, 2014, 80, 2796-2803.	3.1	43
8	Investigation into the Airborne Dissemination of H5N2 Highly Pathogenic Avian Influenza Virus During the 2015 Spring Outbreaks in the Midwestern United States. Avian Diseases, 2016, 60, 637-643.	1.0	37
9	Assessment of air sampling methods and size distribution of virus-laden aerosols in outbreaks in swine and poultry farms. Journal of Veterinary Diagnostic Investigation, 2017, 29, 298-304.	1.1	32
10	Influence of Suspending Liquid, Impactor Type, and Substrate on Size-Selective Sampling of MS2 and Adenovirus Aerosols. Aerosol Science and Technology, 2012, 46, 249-257.	3.1	30
11	Selecting fiber materials to improve mist filters. Journal of Aerosol Science, 2003, 34, 1481-1492.	3.8	22
12	Single-Fiber Interception Efficiency for Elliptical Fibers. Aerosol Science and Technology, 2008, 42, 357-368.	3.1	18
13	Evaluation of an electrostatic particle ionization technology for decreasing airborne pathogens in pigs. Aerobiologia, 2016, 32, 405-419.	1.7	18
14	Dust loading on electrostatitically charged filters in a standard test and a real HVAC system. Filtration and Separation, 2003, 40, 35-39.	0.0	17
15	Mist Generation from Metalworking Fluids Formulated Using Vegetable Oils. Annals of Occupational Hygiene, 2005, 49, 283-93.	1.9	16
16	Comparison of samplers collecting airborne influenza viruses: 1. Primarily impingers and cyclones. PLoS ONE, 2021, 16, e0244977.	2.5	16
17	Single-Fiber Diffusion Efficiency for Elliptical Fibers. Aerosol Science and Technology, 2009, 43, 533-543.	3.1	15
18	Personal Protective Equipment Use and Handwashing Among Animal Farmers: A Multi-site Assessment. Journal of Occupational and Environmental Hygiene, 2015, 12, 363-368.	1.0	13

#	Article	IF	Citations
19	Airborne Virus Survivability During Long-Term Sampling Using a Non-Viable Andersen Cascade Impactor in an Environmental Chamber. Aerosol Science and Technology, 2014, 48, 1360-1368.	3.1	12
20	A comprehensive assessment of exposures to respirable dust and silica in the taconite mining industry. Journal of Occupational and Environmental Hygiene, 2017, 14, 377-388.	1.0	12
21	Optimizing the Recovery of Surrogates for Bacterial Bioterrorism Agents from Ventilation Filters. Clean - Soil, Air, Water, 2008, 36, 601-608.	1.1	8
22	Optimization of the Design of a Semivolatile Aerosol Dichotomous Sampler. Aerosol Science and Technology, 2010, 44, 129-140.	3.1	6
23	Compressed air noise reductions from using advanced air gun nozzles in research and development environments. Journal of Occupational and Environmental Hygiene, 2017, 14, 632-639.	1.0	4
24	Comparison of two size-differentiating air samplers for detecting airborne swine viruses under experimental conditions. Aerosol Science and Technology, 2017, 51, 198-205.	3.1	4
25	Perception of Impact of Frequent Short Training as an Enhancement of Annual Refresher Training. New Solutions, 2020, 30, 102-110.	1.2	4
26	Effects of Gestation Pens Versus Stalls and Wet Versus Dry Feed on Air Contaminants in Swine Production. Journal of Agromedicine, 2018, 23, 40-51.	1.5	3
27	Ambient Fine Aerosol Concentrations in Multiple Metrics in Taconite Mining Operations. Annals of Work Exposures and Health, 2019, 63, 77-90.	1.4	2
28	Assessing and Managing Exposures to Nanomaterials in the Workplace. , 2016, , 21-44.		1
29	Airborne Diazinon Concentrations During and After Outdoor Spray Application. Journal of Occupational and Environmental Hygiene, 2010, 7, 506-515.	1.0	0
30	OUP accepted manuscript. Annals of Work Exposures and Health, 2021, , .	1.4	0