

Rachael M Jones

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,603
citations

279487

23
h-index

214527

47
g-index

90
all docs

90
docs citations

90
times ranked

4047
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of face shields on exposures to respirable aerosol. <i>Journal of Occupational and Environmental Hygiene</i> , 2022, 19, 139-144.	0.4	1
2	OUP accepted manuscript. <i>Annals of Work Exposures and Health</i> , 2022, , .	0.6	0
3	Artificial Stone Silicosis: Need for Improved Controls. <i>Annals of Work Exposures and Health</i> , 2022, , .	0.6	1
4	Transmission of Respiratory Viral Diseases to Health Care Workers: COVID-19 as an Example. <i>Annual Review of Public Health</i> , 2022, 43, 311-330.	7.6	14
5	Filtration efficiency of face masks against aerosolized surrogate SARS-CoV-2 at different social distances. <i>Science Bulletin</i> , 2022, 67, 565-568.	4.3	9
6	Efficacy of EPA-registered disinfectants against two human norovirus surrogates and <i>Clostridioides difficile</i> endospores. <i>Journal of Applied Microbiology</i> , 2022, 132, 4289-4299.	1.4	2
7	Models in Occupational Hygiene. <i>Annals of Work Exposures and Health</i> , 2022, 66, 417-418.	0.6	1
8	Elastomeric respirators for all healthcare workers. <i>American Journal of Infection Control</i> , 2021, 49, 405-406.	1.1	4
9	Chief Editor Transition. <i>Annals of Work Exposures and Health</i> , 2021, 65, 1-2.	0.6	1
10	Annals of Work Exposures and Health Performance, 2020. <i>Annals of Work Exposures and Health</i> , 2021, 65, 244-245.	0.6	0
11	Prácticas de retiro del equipo de protección personal para personal sanitario. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, S53-S60.	0.4	0
12	Contribuciones relativas de las vías de transmisión de la COVID-19 entre el personal sanitario que presta atención a pacientes. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, S61-S69.	0.4	0
13	Standards for Surgical Respirators and Masks: Relevance for Protecting Healthcare Workers and the Public During Pandemics. <i>Annals of Work Exposures and Health</i> , 2021, 65, 495-504.	0.6	16
14	Respirators, face masks, and their risk reductions via multiple transmission routes for first responders within an ambulance. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 345-360.	0.4	1
15	Factors associated with environmental service worker cleaning practices in health care settings: A systematic review of the literature. <i>American Journal of Infection Control</i> , 2021, 49, 919-927.	1.1	9
16	Community daytime noise pollution and socioeconomic differences in Chicago, IL. <i>PLoS ONE</i> , 2021, 16, e0254762.	1.1	5
17	Comparing approaches for modelling indirect contact transmission of infectious diseases. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210281.	1.5	3
18	OUP accepted manuscript. <i>Annals of Work Exposures and Health</i> , 2021, , .	0.6	1

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19	Exploring spatial averaging of contamination in fomite microbial transfer models and implications for dose. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, , .	1.8	0
20	Environmental and occupational health on the Navajo Nation: a scoping review. <i>Reviews on Environmental Health</i> , 2021, .	1.1	1
21	A systematic risk-based strategy to select personal protective equipment for infectious diseases. <i>American Journal of Infection Control</i> , 2020, 48, 46-51.	1.1	29
22	Aerosol transmission of SARS-CoV-2? Evidence, prevention and control. <i>Environment International</i> , 2020, 144, 106039.	4.8	439
23	Relative contributions of transmission routes for COVID-19 among healthcare personnel providing patient care. <i>Journal of Occupational and Environmental Hygiene</i> , 2020, 17, 408-415.	0.4	88
24	Respiratory viruses in the patient environment. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 259-266.	1.0	23
25	Quantifying the relative impact of contact heterogeneity on MRSA transmission in ICUs - a modelling study. <i>BMC Infectious Diseases</i> , 2020, 20, 6.	1.3	2
26	Personal Air Pollution Monitoring Technologies: User Practices and Preferences. <i>Lecture Notes in Computer Science</i> , 2020, , 481-498.	1.0	1
27	Potential for occupational exposures to pathogens during bronchoscopy procedures. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 707-716.	0.4	26
28	Experience of Chicagoland acute care hospitals in preparing for Ebola virus disease, 2014â€“2015. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 582-591.	0.4	9
29	Personal protective equipment doffing practices of healthcare workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 575-581.	0.4	110
30	Prenatal exposure to nitrate in drinking water and the risk of congenital anomalies. <i>Environmental Research</i> , 2019, 176, 108553.	3.7	34
31	The dynamic fomite transmission of Methicillin-resistant <i>Staphylococcus aureus</i> in hospitals and the possible improved intervention methods. <i>Building and Environment</i> , 2019, 161, 106246.	3.0	20
32	Bibliometric analysis of cardiometabolic disorders studies involving NO ₂ , PM _{2.5} and noise exposure. <i>BMC Public Health</i> , 2019, 19, 877.	1.2	10
33	Respiratory viruses on personal protective equipment and bodies of healthcare workers. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 1356-1360.	1.0	29
34	Environmental Contact and Self-contact Patterns of Healthcare Workers: Implications for Infection Prevention and Control. <i>Clinical Infectious Diseases</i> , 2019, 69, S178-S184.	2.9	25
35	Utilizing the focused conversation method in qualitative public health research: a team-based approach. <i>BMC Health Services Research</i> , 2019, 19, 306.	0.9	10
36	Environmental and Personal Protective Equipment Contamination during Simulated Healthcare Activities. <i>Annals of Work Exposures and Health</i> , 2019, 63, 784-796.	0.6	11

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37	Annual Burden of Occupationally Acquired Influenza Infections in Hospitals and Emergency Departments in the United States. <i>Risk Analysis</i> , 2018, 38, 442-453.	1.5	18
38	A conceptual model for take-home workplace exposures. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, D8-D11.	0.4	7
39	Environmental and body contamination from cleaning vomitus in a health care setting: A simulation study. <i>American Journal of Infection Control</i> , 2018, 46, 397-401.	1.1	6
40	Atrazine Contamination of Drinking Water and Adverse Birth Outcomes in Community Water Systems with Elevated Atrazine in Ohio, 2006-2008. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1889.	1.2	63
41	Recipes for simulated vomitus. <i>Journal of Infection Prevention</i> , 2018, 19, 141-143.	0.5	3
42	Estimate of incidence and cost of recreational waterborne illness on United States surface waters. <i>Environmental Health</i> , 2018, 17, 3.	1.7	105
43	Arsenic in drinking water and adverse birth outcomes in Ohio. <i>Environmental Research</i> , 2017, 157, 52-59.	3.7	42
44	Exploring surface cleaning strategies in hospital to prevent contact transmission of methicillin-resistant <i>Staphylococcus aureus</i> . <i>BMC Infectious Diseases</i> , 2017, 17, 85.	1.3	30
45	Contact patterns during cleaning of vomitus: A simulation study. <i>American Journal of Infection Control</i> , 2017, 45, 1312-1317.	1.1	6
46	Atrazine and nitrate in drinking water and the risk of preterm delivery and low birth weight in four Midwestern states. <i>Environmental Research</i> , 2017, 152, 294-303.	3.7	103
47	Bayesian Analysis of Occupational Exposure Data with Conjugate Priors. <i>Annals of Work Exposures and Health</i> , 2017, 61, 504-514.	0.6	4
48	Burden of Occupationally Acquired Pulmonary Tuberculosis among Healthcare Workers in the USA: A Risk Analysis. <i>Annals of Work Exposures and Health</i> , 2017, 61, 141-151.	0.6	7
49	Estimated Costs of Sporadic Gastrointestinal Illness Associated with Surface Water Recreation: A Combined Analysis of Data from NEEAR and CHEERS Studies. <i>Environmental Health Perspectives</i> , 2017, 125, 215-222.	2.8	17
50	Chicago transit authority train noise exposure. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, D86-D91.	0.4	6
51	Authors' Response to Dr. Morfeld. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, e23.	0.9	0
52	Cross-classified occupational exposure data. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 668-674.	0.4	2
53	Arsenic in drinking water and prostate cancer in Illinois counties: An ecologic study. <i>Environmental Research</i> , 2016, 148, 450-456.	3.7	67
54	Occupational exposures to influenza among healthcare workers in the United States. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 213-222.	0.4	20

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55	Modeling risk of occupational zoonotic influenza infection in swine workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 577-587.	0.4	8
56	Cohort Study of Carbon Black Exposure and Risk of Malignant and Nonmalignant Respiratory Disease Mortality in the US Carbon Black Industry. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 984-997.	0.9	18
57	Aerosol Transmission of Infectious Disease. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 501-508.	0.9	289
58	Exposure Reconstruction and Risk Analysis for Six Semiconductor Workers With Lymphohematopoietic Cancers. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 649-658.	0.9	11
59	Water quality as a predictor of gastrointestinal illness following incidental contact water recreation. <i>Water Research</i> , 2015, 83, 94-103.	5.3	27
60	Application of a Two-Zone Model to Estimate Medical Laser-Generated Particulate Matter Exposures. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 309-313.	0.4	11
61	Dose-response models for selected respiratory infectious agents: Bordetella pertussis, group A Streptococcus, rhinovirus and respiratory syncytial virus. <i>BMC Infectious Diseases</i> , 2015, 15, 90.	1.3	16
62	A study of adverse birth outcomes and agricultural land use practices in Missouri. <i>Environmental Research</i> , 2014, 134, 420-426.	3.7	13
63	Community Drinking Water Quality Monitoring Data. <i>Journal of Public Health Management and Practice</i> , 2014, 20, 210-219.	0.7	10
64	Multiple imputation for assessment of exposures to drinking water contaminants: Evaluation with the Atrazine Monitoring Program. <i>Environmental Research</i> , 2014, 134, 466-473.	3.7	11
65	Modeled Occupational Exposures to Gas-Phase Medical Laser-Generated Air Contaminants. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 722-727.	0.4	3
66	Experimental Evaluation of a Markov Multizone Model of Particulate Contaminant Transport. <i>Annals of Occupational Hygiene</i> , 2014, 58, 1032-45.	1.9	6
67	Selected persistent organic pollutants in human placental tissue from the United States. <i>Chemosphere</i> , 2014, 106, 20-27.	4.2	42
68	A Model to Systematically Employ Professional Judgment in the Bayesian Decision Analysis for a Semiconductor Industry Exposure Assessment. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 343-353.	0.4	10
69	Evaluation of imputation methods for microbial surface water quality studies. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1145-1153.	1.7	7
70	Benchmarking of a Markov Multizone Model of Contaminant Transport. <i>Annals of Occupational Hygiene</i> , 2014, 58, 1018-31.	1.9	5
71	Receiver-Operating Characteristics Analysis: A New Approach to Predicting the Presence of Pathogens in Surface Waters. <i>Environmental Science & Technology</i> , 2014, 48, 5628-5635.	4.6	6
72	Selecting Nonpharmaceutical Interventions for Influenza. <i>Risk Analysis</i> , 2013, 33, 1473-1488.	1.5	13

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73	Hydrometeorological variables predict fecal indicator bacteria densities in freshwater: data-driven methods for variable selection. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2355-2366.	1.3	25
74	The Hospital Microbiome Project: Meeting report for the 2nd Hospital Microbiome Project, Chicago, USA, January 15th, 2013. <i>Standards in Genomic Sciences</i> , 2013, 8, 571-579.	1.5	11
75	Comparing Two-Zone Models of Dust Exposure. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 513-519.	0.4	7
76	Critical Review and Uncertainty Analysis of Factors Influencing Influenza Transmission. <i>Risk Analysis</i> , 2011, 31, 1226-1242.	1.5	19
77	Influenza Infection Risk and Predominate Exposure Route: Uncertainty Analysis. <i>Risk Analysis</i> , 2011, 31, 1622-1631.	1.5	21
78	Development and Evaluation of a Semi-Empirical Two-Zone Dust Exposure Model for a Dusty Construction Trade. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 337-348.	0.4	11
79	Factors Influencing Dust Exposure: Finishing Activities in Drywall Construction. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 324-336.	0.4	11
80	Experimental Determination of Supermicrometer Particle Fate Subsequent to a Point Release within a Room under Natural and Forced Mixing. <i>Aerosol Science and Technology</i> , 2009, 43, 921-938.	1.5	9
81	Characterizing the Risk of Infection from <i>Mycobacterium tuberculosis</i> in Commercial Passenger Aircraft Using Quantitative Microbial Risk Assessment. <i>Risk Analysis</i> , 2009, 29, 355-365.	1.5	34
82	Relative Contributions of Four Exposure Pathways to Influenza Infection Risk. <i>Risk Analysis</i> , 2009, 29, 1292-1303.	1.5	161
83	Meta-analysis of benzene exposure and non-Hodgkin lymphoma: biases could mask an important association. <i>Occupational and Environmental Medicine</i> , 2008, 65, 371-378.	1.3	91
84	Benzene Exposure and Risk of Non-Hodgkin Lymphoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 385-391.	1.1	112
85	The Infectious Dose of <i>Coxiella Burnetii</i> (Q Fever). <i>Applied Biosafety</i> , 2006, 11, 32-41.	0.2	41
86	The Infectious Dose of <i>Francisella Tularensis</i> (Tularemia). <i>Applied Biosafety</i> , 2005, 10, 227-239.	0.2	45
87	Evaluation of COSHH Essentials for Vapor Degreasing and Bag Filling Operations. <i>Annals of Occupational Hygiene</i> , 2005, 50, 137-47.	1.9	31
88	Margins of Safety Provided by COSHH Essentials and the ILO Chemical Control Toolkit. <i>Annals of Occupational Hygiene</i> , 2005, 50, 149-56.	1.9	27