

Rachael M Jones

List of Publications by Year in descending order

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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	Aerosol transmission of SARS-CoV-2? Evidence, prevention and control. Environment International, 2020, 144, 106039.	4.8	439
2	Aerosol Transmission of Infectious Disease. Journal of Occupational and Environmental Medicine, 2015, 57, 501-508.	0.9	289
3	Relative Contributions of Four Exposure Pathways to Influenza Infection Risk. Risk Analysis, 2009, 29, 1292-1303.	1.5	161
4	Benzene Exposure and Risk of Non-Hodgkin Lymphoma. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 385-391.	1.1	112
5	Personal protective equipment doffing practices of healthcare workers. Journal of Occupational and Environmental Hygiene, 2019, 16, 575-581.	0.4	110
6	Estimate of incidence and cost of recreational waterborne illness on United States surface waters. Environmental Health, 2018, 17, 3.	1.7	105
7	Atrazine and nitrate in drinking water and the risk of preterm delivery and low birth weight in four Midwestern states. Environmental Research, 2017, 152, 294-303.	3.7	103
8	Meta-analysis of benzene exposure and non-Hodgkin lymphoma: biases could mask an important association. Occupational and Environmental Medicine, 2008, 65, 371-378.	1.3	91
9	Relative contributions of transmission routes for COVID-19 among healthcare personnel providing patient care. Journal of Occupational and Environmental Hygiene, 2020, 17, 408-415.	0.4	88
10	Arsenic in drinking water and prostate cancer in Illinois counties: An ecologic study. Environmental Research, 2016, 148, 450-456.	3.7	67
11	Atrazine Contamination of Drinking Water and Adverse Birth Outcomes in Community Water Systems with Elevated Atrazine in Ohio, 2006â€”2008. International Journal of Environmental Research and Public Health, 2018, 15, 1889.	1.2	63
12	The Infectious Dose of <i>Francisella Tularensis</i> (Tularemia). Applied Biosafety, 2005, 10, 227-239.	0.2	45
13	Selected persistent organic pollutants in human placental tissue from the United States. Chemosphere, 2014, 106, 20-27.	4.2	42
14	Arsenic in drinking water and adverse birth outcomes in Ohio. Environmental Research, 2017, 157, 52-59.	3.7	42
15	The Infectious Dose of <i>Coxiella Burnetii</i> (Q Fever). Applied Biosafety, 2006, 11, 32-41.	0.2	41
16	Characterizing the Risk of Infection from <i>Mycobacterium tuberculosis</i> in Commercial Passenger Aircraft Using Quantitative Microbial Risk Assessment. Risk Analysis, 2009, 29, 355-365.	1.5	34
17	Prenatal exposure to nitrate in drinking water and the risk of congenital anomalies. Environmental Research, 2019, 176, 108553.	3.7	34
18	Evaluation of COSHH Essentials for Vapor Degreasing and Bag Filling Operations. Annals of Occupational Hygiene, 2005, 50, 137-47.	1.9	31

#	ARTICLE	IF	CITATIONS
19	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
20	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
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	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
23	Water quality as a predictor of gastrointestinal illness following incidental contact water recreation. <i>Water Research</i> , 2015, 83, 94-103.	5.3	27
24	Potential for occupational exposures to pathogens during bronchoscopy procedures. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 707-716.	0.4	26
25	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
26	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
27	Respiratory viruses in the patient environment. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 259-266.	1.0	23
28	Influenza Infection Risk and Predominate Exposure Route: Uncertainty Analysis. <i>Risk Analysis</i> , 2011, 31, 1622-1631.	1.5	21
29	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
30	The dynamic fomite transmission of <i>Methicillin-resistant Staphylococcus aureus</i> in hospitals and the possible improved intervention methods. <i>Building and Environment</i> , 2019, 161, 106246.	3.0	20
31	Critical Review and Uncertainty Analysis of Factors Influencing Influenza Transmission. <i>Risk Analysis</i> , 2011, 31, 1226-1242.	1.5	19
32	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
33	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
34	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
35	Dose-response models for selected respiratory infectious agents: <i>Bordetella pertussis</i> , group a <i>Streptococcus</i> , rhinovirus and respiratory syncytial virus. <i>BMC Infectious Diseases</i> , 2015, 15, 90.	1.3	16
36	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

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37	Transmission of Respiratory Viral Diseases to Health Care Workers: COVID-19 as an Example. Annual Review of Public Health, 2022, 43, 311-330.	7.6	14
38	Selecting Nonpharmaceutical Interventions for Influenza. Risk Analysis, 2013, 33, 1473-1488.	1.5	13
39	A study of adverse birth outcomes and agricultural land use practices in Missouri. Environmental Research, 2014, 134, 420-426.	3.7	13
40	Development and Evaluation of a Semi-Empirical Two-Zone Dust Exposure Model for a Dusty Construction Trade. Journal of Occupational and Environmental Hygiene, 2011, 8, 337-348.	0.4	11
41	Factors Influencing Dust Exposure: Finishing Activities in Drywall Construction. Journal of Occupational and Environmental Hygiene, 2011, 8, 324-336.	0.4	11
42	The Hospital Microbiome Project: Meeting report for the 2nd Hospital Microbiome Project, Chicago, USA, January 15th, 2013. Standards in Genomic Sciences, 2013, 8, 571-579.	1.5	11
43	Multiple imputation for assessment of exposures to drinking water contaminants: Evaluation with the Atrazine Monitoring Program. Environmental Research, 2014, 134, 466-473.	3.7	11
44	Exposure Reconstruction and Risk Analysis for Six Semiconductor Workers With Lymphohematopoietic Cancers. Journal of Occupational and Environmental Medicine, 2015, 57, 649-658.	0.9	11
45	Application of a Two-Zone Model to Estimate Medical Laser-Generated Particulate Matter Exposures. Journal of Occupational and Environmental Hygiene, 2015, 12, 309-313.	0.4	11
46	Environmental and Personal Protective Equipment Contamination during Simulated Healthcare Activities. Annals of Work Exposures and Health, 2019, 63, 784-796.	0.6	11
47	Community Drinking Water Quality Monitoring Data. Journal of Public Health Management and Practice, 2014, 20, 210-219.	0.7	10
48	A Model to Systematically Employ Professional Judgment in the Bayesian Decision Analysis for a Semiconductor Industry Exposure Assessment. Journal of Occupational and Environmental Hygiene, 2014, 11, 343-353.	0.4	10
49	Bibliometric analysis of cardiometabolic disorders studies involving NO ₂ , PM _{2.5} and noise exposure. BMC Public Health, 2019, 19, 877.	1.2	10
50	Utilizing the focused conversation method in qualitative public health research: a team-based approach. BMC Health Services Research, 2019, 19, 306.	0.9	10
51	Experimental Determination of Supermicrometer Particle Fate Subsequent to a Point Release within a Room under Natural and Forced Mixing. Aerosol Science and Technology, 2009, 43, 921-938.	1.5	9
52	Experience of Chicagoland acute care hospitals in preparing for Ebola virus disease, 2014–2015. Journal of Occupational and Environmental Hygiene, 2019, 16, 582-591.	0.4	9
53	Factors associated with environmental service worker cleaning practices in health care settings: A systematic review of the literature. American Journal of Infection Control, 2021, 49, 919-927.	1.1	9
54	Filtration efficiency of face masks against aerosolized surrogate SARS-CoV-2 at different social distances. Science Bulletin, 2022, 67, 565-568.	4.3	9

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55	Modeling risk of occupational zoonotic influenza infection in swine workers. Journal of Occupational and Environmental Hygiene, 2016, 13, 577-587.	0.4	8
56	Comparing Two-Zone Models of Dust Exposure. Journal of Occupational and Environmental Hygiene, 2011, 8, 513-519.	0.4	7
57	Evaluation of imputation methods for microbial surface water quality studies. Environmental Sciences: Processes and Impacts, 2014, 16, 1145-1153.	1.7	7
58	Burden of Occupationally Acquired Pulmonary Tuberculosis among Healthcare Workers in the USA: A Risk Analysis. Annals of Work Exposures and Health, 2017, 61, 141-151.	0.6	7
59	A conceptual model for take-home workplace exposures. Journal of Occupational and Environmental Hygiene, 2018, 15, D8-D11.	0.4	7
60	Experimental Evaluation of a Markov Multizone Model of Particulate Contaminant Transport. Annals of Occupational Hygiene, 2014, 58, 1032-45.	1.9	6
61	Receiver-Operating Characteristics Analysis: A New Approach to Predicting the Presence of Pathogens in Surface Waters. Environmental Science & Technology, 2014, 48, 5628-5635.	4.6	6
62	Contact patterns during cleaning of vomitus: A simulation study. American Journal of Infection Control, 2017, 45, 1312-1317.	1.1	6
63	Environmental and body contamination from cleaning vomitus in a health care setting: A simulation study. American Journal of Infection Control, 2018, 46, 397-401.	1.1	6
64	Chicago transit authority train noise exposure. Journal of Occupational and Environmental Hygiene, 2017, 14, D86-D91.	0.4	6
65	Benchmarking of a Markov Multizone Model of Contaminant Transport. Annals of Occupational Hygiene, 2014, 58, 1018-31.	1.9	5
66	Community daytime noise pollution and socioeconomic differences in Chicago, IL. PLoS ONE, 2021, 16, e0254762.	1.1	5
67	Bayesian Analysis of Occupational Exposure Data with Conjugate Priors. Annals of Work Exposures and Health, 2017, 61, 504-514.	0.6	4
68	Elastomeric respirators for all healthcare workers. American Journal of Infection Control, 2021, 49, 405-406.	1.1	4
69	Modeled Occupational Exposures to Gas-Phase Medical Laser-Generated Air Contaminants. Journal of Occupational and Environmental Hygiene, 2014, 11, 722-727.	0.4	3
70	Recipes for simulated vomitus. Journal of Infection Prevention, 2018, 19, 141-143.	0.5	3
71	Comparing approaches for modelling indirect contact transmission of infectious diseases. Journal of the Royal Society Interface, 2021, 18, 20210281.	1.5	3
72	Cross-classified occupational exposure data. Journal of Occupational and Environmental Hygiene, 2016, 13, 668-674.	0.4	2

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73	Quantifying the relative impact of contact heterogeneity on MRSA transmission in ICUs - a modelling study. BMC Infectious Diseases, 2020, 20, 6.	1.3	2
74	Efficacy of EPA-registered disinfectants against two human norovirus surrogates and Clostridioides difficile endospores. Journal of Applied Microbiology, 2022, 132, 4289-4299.	1.4	2
75	Chief Editor Transition. Annals of Work Exposures and Health, 2021, 65, 1-2.	0.6	1
76	Respirators, face masks, and their risk reductions via multiple transmission routes for first responders within an ambulance. Journal of Occupational and Environmental Hygiene, 2021, 18, 345-360.	0.4	1
77	Personal Air Pollution Monitoring Technologies: User Practices and Preferences. Lecture Notes in Computer Science, 2020, , 481-498.	1.0	1
78	OUP accepted manuscript. Annals of Work Exposures and Health, 2021, , .	0.6	1
79	Influence of face shields on exposures to respirable aerosol. Journal of Occupational and Environmental Hygiene, 2022, 19, 139-144.	0.4	1
80	Artificial Stone Silicosis: Need for Improved Controls. Annals of Work Exposures and Health, 2022, , .	0.6	1
81	Models in Occupational Hygiene. Annals of Work Exposures and Health, 2022, 66, 417-418.	0.6	1
82	Environmental and occupational health on the Navajo Nation: a scoping review. Reviews on Environmental Health, 2021, .	1.1	1
83	Authors'™ Response to Dr. Morfeld. Journal of Occupational and Environmental Medicine, 2016, 58, e23.	0.9	0
84	Annals of Work Exposures and Health Performance, 2020. Annals of Work Exposures and Health, 2021, 65, 244-245.	0.6	0
85	Prácticas de retiro del equipo de protección personal para personal sanitario. Journal of Occupational and Environmental Hygiene, 2021, 18, S53-S60.	0.4	0
86	Contribuciones relativas de las vías de transmisión de la COVID-19 entre el personal sanitario que presta atención a pacientes. Journal of Occupational and Environmental Hygiene, 2021, 18, S61-S69.	0.4	0
87	Exploring spatial averaging of contamination in fomite microbial transfer models and implications for dose. Journal of Exposure Science and Environmental Epidemiology, 2021, , .	1.8	0
88	OUP accepted manuscript. Annals of Work Exposures and Health, 2022, , .	0.6	0