Charles N Haas

List of Publications by Year
in descending order

221 papers	8,285 citations	53202 45 h-index	65711 79 g-index
234 all docs	234 docs citations	234 times ranked	7094 citing authors

#	Article	IF	Citations
1	ESTIMATION OF RISK DUE TO LOW DOSES OF MICROORGANISMS: A COMPARISON OF ALTERNATIVE METHODOLOGIES. American Journal of Epidemiology, 1983, 118, 573-582.	3.7	352
2	Development of a Dose-Response Model for SARS Coronavirus. Risk Analysis, 2010, 30, 1129-1138.	2.8	333
3	Sensitive populations: who is at the greatest risk?. International Journal of Food Microbiology, 1996, 30, 113-123.	4.8	306
4	Modeling the Risk From Giardia and Viruses in Drinking Water. Journal - American Water Works Association, 1991, 83, 76-84.	0.4	301
5	Inactivation of Feline Calicivirus and Adenovirus Type 40 by UV Radiation. Applied and Environmental Microbiology, 2003, 69, 577-582.	3.2	247
6	Risk Assessment of Virus in Drinking Water. Risk Analysis, 1993, 13, 545-552.	2.8	242
7	Reproducibility and sensitivity of 36 methods to quantify the SARS-CoV-2 genetic signal in raw wastewater: findings from an interlaboratory methods evaluation in the U.S.. Environmental Science: Water Research and Technology, 2021, 7, 504-520.	2.2	193
8	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	8.2	179
9	Itâ€™s Not the Heat, Itâ€™s the Humidity: Wet Weather Increases Legionellosis Risk in the Greater Philadelphia Metropolitan Area. Journal of Infectious Diseases, 2005, 192, 2066-2073.	3.9	171
10	Waterborne rotavirus: A risk assessment. Water Research, 1996, 30, 2929-2940.	11.4	169
11	Dose Response Models For Infectious Gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	2.8	168
12	Chlorine Inactivation of Adenovirus Type 40 and Feline Calicivirus. Applied and Environmental Microbiology, 2003, 69, 3979-3985.	3.2	166
13	Assessing the risk posed by oocysts in drinking water. Journal - American Water Works Association, 1996, 88, 131-136.	0.4	143
14	Risk Assessment of Opportunistic Bacterial Pathogens in Drinking Water. Reviews of Environmental Contamination and Toxicology, 1997, 152, 57-83.	1.5	139
15	Criteria for Selection of Surrogates Used To Study the Fate and Control of Pathogens in the Environment. Applied and Environmental Microbiology, 2012, 78, 1969-1977.	3.2	126
16	Disinfection under Dynamic Conditions: Modification of Hom's Model for Decay. Environmental Science & Technology, 1994, 28, 1367-1369.	10.5	122
17	Estimation of averages in truncated samples. Environmental Science & Technology, 1990, 24, 912-919.	10.5	114
18	Health risks from exposure to Legionella in reclaimed water aerosols: Toilet flushing, spray irrigation, and cooling towers. Water Research, 2018, 134, 261-279.	11.4	107

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19	Conditional Dose-Response Relationships for Microorganisms: Development and Application. Risk Analysis, 2002, 22, 455-463.	2.8	98
20	A Case Study Evaluating the Risk of Infection from Middle Eastern Respiratory Syndrome Coronavirus (MERSâ€CoV) in a Hospital Setting Through Bioaerosols. Risk Analysis, 2019, 39, 2608-2624.	2.8	98
21	Development of a dose-response relationship for Escherichia coli O157:H7. International Journal of Food Microbiology, 2000, 56, 153-159.	4.8	92
22	Inactivation of enteric adenovirus and feline calicivirus by ozone. Water Research, 2005, 39, 3650-3656.	11.4	88
23	Risk-Based Critical Concentrations of <i>Legionella pneumophila</i> for Indoor Residential Water Uses. Environmental Science & Technology, 2019, 53, 4528-4541.	10.5	88
24	Microbial Dose Response Modeling: Past, Present, and Future. Environmental Science & Technology, 2015, 49, 1245-1259.	10.5	85
25	How to average microbial densities to characterize risk. Water Research, 1996, 30, 1036-1038.	11.4	79
26	Ten Most Important Accomplishments in Risk Analysis, 1980â€"2010. Risk Analysis, 2012, 32, 771-781.	2.8	79
27	Persistence of Ebola Virus in Sterilized Wastewater. Environmental Science and Technology Letters, 2015, 2, 245-249.	8.8	74
28	Kinetics of microbial inactivation by chlorineâ€"I Review of results in demand-free systems. Water Research, 1984, 18, 1443-1449.	11.4	73
29	Developing an action level for Cryptosporidium. Journal - American Water Works Association, 1995, 87, 81-84.	0.4	70
30	The Effect of Ongoing Exposure Dynamics in Dose Response Relationships. PLoS Computational Biology, 2009, 5, e1000399.	3.1	65
31	Importance of Distributional Form in Characterizing Inputs to Monte Carlo Risk Assessments. Risk Analysis, 1997, 17, 107-113.	2.8	64
32	Dose response models for infectious gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	2.8	63
33	Reliability of pathogen control in direct potable reuse: Performance evaluation and QMRA of a full-scale 1 MGD advanced treatment train. Water Research, 2017, 122, 258-268.	11.4	63
34	Ebola Virus Persistence in the Environment: State of the Knowledge and Research Needs. Environmental Science and Technology Letters, 2015, 2, 2-6.	8.8	61
35	Inactivation of Enteric Adenovirus and Feline Calicivirus by Chlorine Dioxide. Applied and Environmental Microbiology, 2005, 71, 3100-3105.	3.2	60
36	Legionnaires' disease: evaluation of a quantitative microbial risk assessment model. Journal of Water and Health, 2008, 6, 149-166.	2.6	56

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37	Application of quantitative microbial risk assessment for selection of microbial reduction targets for hard surface disinfectants. American Journal of Infection Control, 2014, 42, 1165-1172.	2.5	56
38	Human health risks for Legionella and Mycobacterium avium complex (MAC) from potable and non-potable uses of roof-harvested rainwater. Water Research, 2017, 119, 288-303.	11.4	56
39	Inactivation of E. coli by combined action of free chlorine and monochloramine. Water Research, 1991, 25, 1027-1032.	11.4	55
40	Water quality and disinfection kinetics. Journal - American Water Works Association, 1996, 88, 95-103.	0.4	54
41	Wastewater Disinfection by Peracetic Acid: Assessment of Models for Tracking Residual Measurements and Inactivation. Water Environment Research, 2007, 79, 775-787.	2.7	52
42	An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. Environmental Engineering Science, 2018, 35, 1005-1011.	1.7	52
43	On Modeling Correlated Random Variables in Risk Assessment. Risk Analysis, 1999, 19, 1205-1214.	2.8	51
44	Quantitative Microbial Risk Assessment Model for Legionnaires' Disease: Assessment of Human Exposures for Selected Spa Outbreaks. Journal of Occupational and Environmental Hygiene, 2007, 4, 634-646.	1.2	50
45	LINKING MICROBIOLOGICAL CRITERIA FOR FOODS WITH QUANTITATIVE RISK ASSESSMENT. Journal of Food Safety, 1995, 15, 121-132.	2.3	48
46	Doseâ€Response Models for Inhalation of <i>Bacillus anthracis</i> Spores: Interspecies Comparisons. Risk Analysis, 2008, 28, 1115-1124.	2.8	48
47	Effect of initial microbial density on inactivation of Giardia muris by ozone. Water Research, 2003, 37, 2980-2988.	11.4	45
48	A risk assessment framework for the evaluation of skin infections and the potential impact of antibacterial soap washing. American Journal of Infection Control, 1999, 27, S26-S33.	2.5	44
49	On the Risk of Mortality to Primates Exposed to Anthrax Spores. Risk Analysis, 2002, 22, 189-193.	2.8	44
50	Contribution of assimilable organic carbon to biological fouling in seawater reverse osmosis membrane treatment. Water Research, 2016, 101, 203-213.	11.4	43
51	Chlorine and ozone disinfection of Encephalitozoon intestinalis spores. Water Research, 2005, 39, 2369-2375.	11.4	42
52	The WATERS Network: An Integrated Environmental Observatory Network for Water Research. Environmental Science & Technology, 2007, 41, 6642-6647.	10.5	41
53	Estimated Occupational Risk from Bioaerosols Generated during Land Application of Class B Biosolids. Journal of Environmental Quality, 2008, 37, 2311-2321.	2.9	40
54	Kinetics of microbial inactivation by chlorineâ€"II Kinetics in the presence of chlorine demand. Water Research, 1984, 18, 1451-1454.	11.4	39

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55	Bioaerosol Emission Rate and Plume Characteristics during Land Application of Liquid Class B Biosolids. Environmental Science & Technology, 2005, 39, 1584-1590.	10.5	39
56	Quantitative Microbial Risk Assessment and Molecular Biology: Paths to Integration. Environmental Science & Technology, 2020, 54, 8539-8546.	10.5	39
57	On modeling correlated random variables in risk assessment. Risk Analysis, 1999, 19, 1205-1214.	2.8	38
58	Timeâ€Doseâ€Response Models for Microbial Risk Assessment. Risk Analysis, 2009, 29, 648-661.	2.8	37
59	Drivers of Microbial Risk for Direct Potable Reuse and de Facto Reuse Treatment Schemes: The Impacts of Source Water Quality and Blending. International Journal of Environmental Research and Public Health, 2017, 14, 635.	2.7	37
60	Adsorption of cadmium to kaolinite in the presence of organic material. Water, Air, and Soil Pollution, 1986, 27, 131-140.	2.5	36
61	Recent advances in measuring and modeling reverse osmosis membrane fouling in seawater desalination: a review. Journal of Water Reuse and Desalination, 2013, 3, 85-101.	2.3	36
62	Comparison of tissue culture and animal models for assessment of Cryptospridium parvum infection. Experimental Parasitology, 2002, 101, 97-106.	1.2	35
63	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.	2.8	35
64	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 51-56.	8.3	35
65	Quantitative Microbial Risk Assessment for Recreational Exposure to Water Bodies in Philadelphia. Water Environment Research, 2015, 87, 211-222.	2.7	35
66	Reduction of ion-exchange equilibria data using an error in variables approach. AICHE Journal, 1994, 40, 556-569.	3.6	34
67	Development and Validation of Dose-Response Relationship for Listeria monocytogenes. Quantitative Microbiology, 1999, 1, 89-102.	0.5	34
68	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 106-111.	8.3	34
69	Nondeterministic Computational Fluid Dynamics Modeling of <i>Escherichia coli</i> Inactivation by Peracetic Acid in Municipal Wastewater Contact Tanks. Environmental Science & Technology, 2015, 49, 7265-7275.	10.5	34
70	Implications of Limits of Detection of Various Methods for <i>Bacillus anthracis</i> in Computing Risks to Human Health. Applied and Environmental Microbiology, 2009, 75, 6331-6339.	3.2	33
71	Dose response models and a quantitative microbial risk assessment framework for the Mycobacterium avium complex that account for recent developments in molecular biology, taxonomy, and epidemiology. Water Research, 2017, 109, 310-326.	11.4	32
72	The ecology of acidâ€fast organisms in water supply, treatment, and distribution systems. Journal - American Water Works Association, 1983, 75, 139-144.	0.4	31

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73	Use of quantitative microbial risk assessment for evaluation of the benefits of laundry sanitation. American Journal of Infection Control, 1999, 27, S34-S39.	2.5	31
74	MANAGING HEALTH RISKS FROM DRINKING WATER--A REPORT TO THE WALKERTON INQUIRY. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2002, 65, 1635-1823.	2.4	31
75	Risk Assessment of waterborne coxsackievirus. Journal - American Water Works Association, 2003, 95, 122-131.	0.4	31
76	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. Environmental Science & Technology, 2017, 51, 1742-1753.	10.5	31
77	Quantitative description of mixture toxicity: Effect of level of response on interactions. Environmental Toxicology and Chemistry, 1996, 15, 1429-1437.	4.4	30
78	Countercurrent gas/liquid flow and mixing: Implications for water disinfection. International Journal of Multiphase Flow, 2009, 35, 171-184.	3.4	30
79	Doseâ€Response Assessment for Influenza A Virus Based on Data Sets of Infection with its Live Attenuated Reassortants. Risk Analysis, 2012, 32, 555-565.	2.8	29
80	Distribution of Cryptosporidium oocysts in a water supply. Water Research, 1996, 30, 2251-2254.	11.4	28
81	Risks from <i>Ebolavirus</i> Discharge from Hospitals to Sewer Workers. Water Environment Research, 2017, 89, 357-368.	2.7	27
82	Differentiating between the possibility and probability of SARS-CoV-2 transmission associated with wastewater: empirical evidence is needed to substantiate risk. FEMS Microbes, 2021, 2, .	2.1	27
83	Tenets of a holistic approach to drinking water-associated pathogen research, management, and communication. Water Research, 2022, 211, 117997.	11.4	27
84	Coronavirus and Risk Analysis. Risk Analysis, 2020, 40, 660-661.	2.8	26
85	Required water temperature in hotel plumbing to control Legionella growth. Water Research, 2020, 182, 115943.	11.4	26
86	Benefits of using a disinfectant residual. Journal - American Water Works Association, 1999, 91, 65-69.	0.4	25
87	Continuous Flow Residence Time Distribution Function Characterization. Journal of Environmental Engineering, ASCE, 1997, 123, 107-114.	1.3	24
88	CFD Design Approach for Chlorine Disinfection Processes. Journal - American Water Works Association, 2004, 96, 138-150.	0.4	24
89	The utility of endotoxins as a surrogate indicator in potable water microbiology. Water Research, 1983, 17, 803-807.	11.4	23
90	MANAGING THE MICROBIOLOGICAL RISKS OF DRINKING WATER. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 1591-1617.	2.4	23

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91	Reverse QMRA as a Decision Support Tool: Setting Acceptable Concentration Limits for Pseudomonas aeruginosa and Naegleria fowleri. Water (Switzerland), 2019, 11, 1850.	2.8	23
92	Microbial alterations in water distribution systems and their relationship to physicalâ€“chemical characteristics. Journal - American Water Works Association, 1983, 75, 475-481.	0.4	22
93	Toluene-humic acid association equilibria: isopiestic measurements. Environmental Science & Technology, 1985, 19, 643-645.	10.5	22
94	The Role of Risk Analysis in Understanding Bioterrorism. Risk Analysis, 2002, 22, 671-677.	2.8	22
95	Computational Fluid Dynamics Analysis of the Effects of Reactor Configuration on Disinfection Efficiency. Water Environment Research, 2006, 78, 909-919.	2.7	22
96	Animal and Human Doseâ€Response Models for <i>Brucella</i> Species. Risk Analysis, 2011, 31, 1576-1596.	2.8	22
97	A mechanistic kinetic model for chlorine disinfection. Environmental Science & Technology, 1980, 14, 339-340.	10.5	21
98	Dose-Response Analysis Using Spreadsheets. Risk Analysis, 1994, 14, 1097-1100.	2.8	21
99	Toxic and Contaminant Concerns Generated by Hurricane Katrina. Journal of Environmental Engineering, ASCE, 2006, 132, 565-566.	1.3	21
100	Recreational use assessment of water-based activities, using time-lapse construction cameras. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 281-290.	4.1	21
101	Disinfection of Ebola Virus in Sterilized Municipal Wastewater. PLoS Neglected Tropical Diseases, 2017, 11, e0005299.	2.4	21
102	Moment Analysis of Tracer Experiments. Journal of Environmental Engineering, ASCE, 1996, 122, 1121-1130.	1.3	20
103	A Quantitative Risk Estimation Platform for Indoor Aerosol Transmission of COVIDâ€19. Risk Analysis, 2022, 42, 2075-2088.	2.8	20
104	Epidemiology, Microbiology, and Risk Assessment of Waterborne Pathogens Including Cryptosporidium. Journal of Food Protection, 2000, 63, 827-831.	1.8	19
105	Chlorine Demand in disinfecting Water Mains. Journal - American Water Works Association, 2002, 94, 97-102.	0.4	19
106	A Model for In-vivo Delivered Dose Estimation for Inhaled <i>Bacillus anthracis</i> Spores in Humans with Interspecies Extrapolation. Environmental Science & Technology, 2011, 45, 5828-5833.	10.5	19
107	Comparison of pathogen-derived â€˜total riskâ€™ with indicator-based correlations for recreational (swimming) exposure. Environmental Science and Pollution Research, 2019, 26, 30614-30624.	5.3	19
108	On the Quarantine Period for Ebola Virus. PLOS Currents, 2014, 6, .	1.6	19

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109	Development of Regression Models with Belowâ€Detection Data. Journal of Environmental Engineering, ASCE, 1993, 119, 214-230.	1.3	18
110	Correlating Cryptosporidium removal using dissolved air flotation in water treatment. Water Research, 2000, 34, 4116-4119.	11.4	18
111	Doseâ€Response Model ofâ€,<i>Coxiella burnetii</i>â€,(Q Fever). Risk Analysis, 2011, 31, 120-128.	2.8	18
112	Efficacy of Chlorine Dioxide Tablets on Inactivation of <i>Cryptosporidium</i> Oocysts. Environmental Science & Technology, 2014, 48, 5849-5856.	10.5	18
113	Action Levels for SARSâ€CoVâ€2 in Air: Preliminary Approach. Risk Analysis, 2021, 41, 705-709.	2.8	18
114	Kinetics of inactivation of giardia lamblia by free chlorine. Water Research, 1990, 24, 233-238.	11.4	17
115	Risk of Illness with <i>Salmonella</i> due to Consumption of Raw Unwashed Vegetables Irrigated with Water from the BogotÃ¡ River. Risk Analysis, 2017, 37, 733-743.	2.8	17
116	Repeated exposure ofEscherichia coli to free chlorine: Production of strains possessing altered sensitivity. Water, Air, and Soil Pollution, 1981, 16, 233-242.	2.5	16
117	Assessment of benefits from use of antimicrobial hand products: Reduction in risk from handling ground beef. International Journal of Hygiene and Environmental Health, 2005, 208, 461-466.	4.5	16
118	Monte Carlo assessment of microbial risk associated with landfilling of fecal material. Water Environment Research, 1996, 68, 1123-1131.	2.7	15
119	The Milwaukee Cryptosporidium outbreak: assessment of incubation time and daily attack rate. Journal of Water and Health, 2004, 2, 59-69.	2.6	15
120	Neural networks provide superior description of Giardia lamblia inactivation by free chlorine. Water Research, 2004, 38, 3449-3457.	11.4	15
121	Coronavirus and Environmental Engineering Science. Environmental Engineering Science, 2020, 37, 233-234.	1.7	15
122	Alteration of chemical and disinfectant properties of hypochlorite by sodium, potassium, and lithium. Environmental Science & Technology, 1986, 20, 822-826.	10.5	14
123	Wastewater disinfection and infectious disease risks. Critical Reviews in Environmental Control, 1986, 17, 1-20.	0.6	14
124	Understanding protozoa in your watershed. Journal - American Water Works Association, 1997, 89, 62-73.	0.4	14
125	Quantification of the Relationship between Bacterial Kinetics and Host Response for Monkeys Exposed to Aerosolized <i>Francisella tularensis</i>. Applied and Environmental Microbiology, 2011, 77, 485-490.	3.2	14
126	Full factorial study of pipe characteristics, stagnation times, and water quality. AWWA Water Science, 2020, 2, e1204.	2.2	14

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127	Prioritizing Risks and Uncertainties from Intentional Release of Selected Category A Pathogens. PLoS ONE, 2012, 7, e32732.	2.5	14
128	Influence of Hot Water Temperature and Use Patterns on Microbial Water Quality in Building Plumbing Systems. Environmental Engineering Science, 2022, 39, 309-319.	1.7	14
129	Micromixing and dispersion in chlorine contact chambers. Environmental Technology Letters, 1988, 9, 35-44.	0.4	13
130	Application of ion exchangers to recovery of metals from semiconductor wastes. Reactive Polymers, Ion Exchangers, Sorbents, 1984, 2, 61-70.	0.0	12
131	Maximum likelihood analysis of disinfection kinetics. Water Research, 1988, 22, 669-677.	11.4	12
132	Biological sulfide prestripping for metal and COD removal. Water Environment Research, 1993, 65, 645-649.	2.7	12
133	Kinetics of electroporation-assisted chlorination of Giardia muris. Water Research, 1999, 33, 1761-1766.	11.4	12
134	THM Formation by the Transfer of Active Chlorine From Monochloramine to Phloroacetophenone. Journal - American Water Works Association, 1991, 83, 62-66.	0.4	11
135	New quantitative approach for analysis of binary toxic mixtures. Environmental Toxicology and Chemistry, 1994, 13, 149-156.	4.4	11
136	Protozoan monitoring: from the ICR to the ESWTR. Journal - American Water Works Association, 1995, 87, 50-59.	0.4	11
137	Quantification of the Effects of Age on the Dose Response of<i>Variola major</i>in Suckling Mice. Human and Ecological Risk Assessment (HERA), 2009, 15, 1245-1256.	3.4	11
138	Doseâ€Response Model of Rocky Mountain Spotted Fever (RMSF) for Human. Risk Analysis, 2011, 31, 1610-1621.	2.8	11
139	Development of metamodels for predicting aerosol dispersion in ventilated spaces. Atmospheric Environment, 2011, 45, 1876-1887.	4.2	11
140	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. Water (Switzerland), 2018, 10, 92.	2.8	11
141	A quantitative risk assessment method for synthetic biology products in the environment. Science of the Total Environment, 2019, 696, 133940.	8.2	11
142	Predicting disinfection performance in continuous flow systems from batch disinfection kinetics. Water Science and Technology, 1998, 38, 171-179.	2.5	10
143	Unified kinetic treatment for growth on dual nutrients. Biotechnology and Bioengineering, 1994, 44, 154-164.	3.5	9
144	Application of QMRA to MAR operations for safe agricultural water reuses in coastal areas. Water Research X, 2020, 8, 100062.	6.2	9

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145	Generalization of independent response model for toxic mixtures. Chemosphere, 1997, 34, 699-710.	8.4	8
146	How Sensitive Is Safe? Risk-Based Targets for Ambient Monitoring of Pathogens. IEEE Sensors Journal, 2010, 10, 668-673.	4.8	8
147	Multiple Linear Regression Model Approach for Aerosol Dispersion in Ventilated Spaces Using Computational Fluid Dynamics and Dimensional Analysis. Journal of Environmental Engineering, ASCE, 2010, 136, 638-649.	1.3	8
148	Doseâ€Response Models Incorporating Aerosol Size Dependency for <i>Francisella tularensis</i>. Risk Analysis, 2014, 34, 911-928.	2.8	8
149	Incorporating Timeâ€Doseâ€Response into <i>Legionella</i> Outbreak Models. Risk Analysis, 2017, 37, 291-304.	2.8	8
150	Editorial Perspectives: will SARS-CoV-2 reset public health requirements in the water industry? Integrating lessons of the past and emerging research. Environmental Science: Water Research and Technology, 2020, 6, 1761-1764.	2.2	8
151	Sodium alteration of chlorine equilibriums. Quantitative description. Environmental Science & Technology, 1981, 15, 1243-1244.	10.5	7
152	A volumetric method for assessing Giardia inactivation. Journal - American Water Works Association, 1994, 86, 115-120.	0.4	7
153	Bacterial levels of new mains. Journal - American Water Works Association, 1999, 91, 78-84.	0.4	7
154	Modeling virus transport and inactivation in a fluoropolymer tube UV photoreactor using Computational Fluid Dynamics. Chemical Engineering Journal, 2010, 161, 9-18.	13.0	7
155	Legionnairesâ€™ disease in dental offices: Quantifying aerosol risks to dental workers and patients. Journal of Occupational and Environmental Hygiene, 2021, 18, 378-393.	1.2	7
156	Effect of sulfate on anaerobic processes fed with dual substrates. Water Science and Technology, 1995, 31, 101-107.	2.5	7
157	Use of CFD for Wastewater Disinfection Process Analysis: E.coli Inactivation with Peroxyacetic Acid (PAA). International Journal of Chemical Reactor Engineering, 2005, 3, .	1.2	6
158	Development of a CFD-Based Artificial Neural Network Metamodel in a Wastewater Disinfection Process with Peracetic Acid. Journal of Environmental Engineering, ASCE, 2020, 146, .	1.3	6
159	Heavy precipitation, drinking water source, and acute gastrointestinal illness in Philadelphia, 2015-2017. PLoS ONE, 2020, 15, e0229258.	2.5	6
160	Statistics of Microbial Disinfection. Water Science and Technology, 1989, 21, 197-201.	2.5	5
161	Error in Variables Parameter Estimation. Journal of Environmental Engineering, ASCE, 1989, 115, 259-264.	1.3	5
162	The Possibility for "Natural" Generation of Chlorinated Organic Compounds. Risk Analysis, 1994, 14, 143-145.	2.8	5

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163	Dose-Response Model for Lassa Virus. Human and Ecological Risk Assessment (HERA), 2008, 14, 742-752.	3.4	5
164	Classic Doseâ€Response and Time Postinoculation Models for <i>Leptospira</i>. Risk Analysis, 2014, 34, 465-484.	2.8	5
165	Does the use of tubular digesters to treat livestock waste lower the risk of infection from Cryptosporidium parvum and Giardia lamblia?. Journal of Water and Health, 2016, 14, 738-753.	2.6	5
166	Disability-Adjusted Life Year Frameworks for Comparing Health Impacts Associated with <i>Mycobacterium avium</i>, Trihalomethanes, and Haloacetic Acids in a Building Plumbing System. ACS ES&T Water, 2022, 2, 1521-1531.	4.8	5
167	Revegetation Using Coal Ash Mixtures. Journal of Environmental Engineering, ASCE, 1985, 111, 559-573.	1.3	4
168	Comment on â€œEstimating the infection risk in recreational waters from the faecal indicator concentration and from the ratio between pathogens and indicatorsâ€. Water Research, 2001, 35, 3280-3281.	11.4	4
169	Development of Artificial Neural Network Based Metamodels for Inactivation of Anthrax Spores in Ventilated Spaces Using Computational Fluid Dynamics. Journal of the Air and Waste Management Association, 2011, 61, 968-982.	2.1	4
170	Dose-response model of murine typhus (Rickettsia typhi): time post inoculation and host age dependency analysis. BMC Infectious Diseases, 2012, 12, 77.	3.0	4
171	Conducting the Doseâ€"Response Assessment. , 2014, , 267-321.		4
172	Statistical Approaches to Monitoring. Brock/Springer Series in Contemporary Bioscience, 1990, , 412-427.	0.0	4
173	Inactivation of Cryptosporidium parvum with ozone in treated drinking water. Journal of Water Supply: Research and Technology - AQUA, 2004, 53, 287-297.	1.4	4
174	The Current Multicountry Monkeypox Outbreak: What Water Professionals Should Know. ACS ES&T Water, 2022, 2, 1628-1638.	4.8	4
175	On the existence of ternary interactions in ion exchange. AICHE Journal, 1988, 34, 702-703.	3.6	3
176	Analysis of disinfection data from dilution count experiments. Water Research, 1989, 23, 345-349.	11.4	3
177	Advancing the Quality of Drinking Water: Expert Workshop to Formulate a Research Agenda. Environmental Engineering Science, 2007, 24, 863-872.	1.7	3
178	Conducting the Hazard Identification (HAZ ID). , 2014, , 91-127.		3
179	Response to Comment on â€œEbola Virus Persistence in the Environment: State of the Knowledge and Research Needsâ€. Environmental Science and Technology Letters, 2015, 2, 50-51.	8.8	3
180	Optimized Design of Wastewater Disinfection Reactors Based on an Artificial Neural Network Metamodel. , 2016, , .		3

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181	Reproducible Risk Assessment. Risk Analysis, 2016, 36, 1829-1833.	2.8	3
182	Ebola Virus Dose Response Model for Aerosolized Exposures: Insights from Primate Data. Risk Analysis, 2020, 40, 2390-2398.	2.8	3
183	Validation of Batch Disinfection Kinetics of Escherichia coli Inactivation by Monochloramine in a Continuous Flow System. Environmental Engineering Science, 2005, 22, 567-577.	1.7	2
184	Acceptable microbial risk: Costâ€"benefit analysis of a boil water order for <i>Cryptosporidium</i>. Journal - American Water Works Association, 2013, 105, E189.	0.4	2
185	Exposure Assessment. , 2014, , 159-234.		2
186	Discussion on â€œPotential discharge, attenuation and exposure risk of SARS-CoV-2 in natural water bodies receiving treated wastewaterâ€. Npj Clean Water, 2021, 4, .	8.3	2
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