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	Commentary on â€œThe ethical dilemmas of risky decisionsâ€ Risk Analysis, 2023, 43, 242-243.	2.8	0
2	Identifying and aggregating high-quality pathogen data: a new approach for potable reuse regulatory development. Environmental Science: Water Research and Technology, 2023, 9, 1646-1653.	2.2	0
3	Science-based pathogen treatment requirements for direct potable reuse. Environmental Science: Water Research and Technology, 2023, 9, 3377-3390.	2.2	2
4	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
5	A Quantitative Risk Estimation Platform for Indoor Aerosol Transmission of COVIDâ€19. Risk Analysis, 2022, 42, 2075-2088.	2.8	20
6	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
7	Inactivation of Giardia Cysts by Ozone after Residual Disappearance. Journal of Environmental Engineering, ASCE, 2022, 148, .	1.3	2
8	Tenets of a holistic approach to drinking water-associated pathogen research, management, and communication. Water Research, 2022, 211, 117997.	11.4	27
9	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
10	The Current Multicountry Monkeypox Outbreak: What Water Professionals Should Know. ACS ES&T Water, 2022, 2, 1628-1638.	4.8	4
11	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
12	Action Levels for SARSâ€CoVâ€2 in Air: Preliminary Approach. Risk Analysis, 2021, 41, 705-709.	2.8	18
13	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
14	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
15	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
16	Dose response models for Eastern US, Western US and Venezuelan equine encephalitis viruses in mice â€“ Part I: Standard dose response model and inference of host age. Microbial Risk Analysis, 2020, 14, 100087.	2.1	1
17	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
18	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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19	Full factorial study of pipe characteristics, stagnation times, and water quality. AWWA Water Science, 2020, 2, e1204.	2.2	14
20	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
21	Quantitative Microbial Risk Assessment and Molecular Biology: Paths to Integration. Environmental Science & Technology, 2020, 54, 8539-8546.	10.5	39
22	Coronavirus and Environmental Engineering Science. Environmental Engineering Science, 2020, 37, 233-234.	1.7	15
23	Ebola Virus Dose Response Model for Aerosolized Exposures: Insights from Primate Data. Risk Analysis, 2020, 40, 2390-2398.	2.8	3
24	Heavy precipitation, drinking water source, and acute gastrointestinal illness in Philadelphia, 2015-2017. PLoS ONE, 2020, 15, e0229258.	2.5	6
25	Coronavirus and Risk Analysis. Risk Analysis, 2020, 40, 660-661.	2.8	26
26	Required water temperature in hotel plumbing to control Legionella growth. Water Research, 2020, 182, 115943.	11.4	26
27	A quantitative risk assessment method for synthetic biology products in the environment. Science of the Total Environment, 2019, 696, 133940.	8.2	11
28	Risk-Based Critical Concentrations of <i>Legionella pneumophila</i> for Indoor Residential Water Uses. Environmental Science & Technology, 2019, 53, 4528-4541.	10.5	88
29	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
30	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
31	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
32	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
33	Dose-response models for eastern US, western US and Venezuelan equine encephalitis viruses in miceâ€"Part II: Quantification of the effects of host age on the dose response. Microbial Risk Analysis, 2018, 9, 38-54.	2.1	1
34	An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. Environmental Engineering Science, 2018, 35, 1005-1011.	1.7	52
35	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. Water (Switzerland), 2018, 10, 92.	2.8	11
36	Incorporating Timeâ€Doseâ€Response into <i>Legionella</i> Outbreak Models. Risk Analysis, 2017, 37, 291-304.	2.8	8

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37	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
38	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
39	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
40	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. Environmental Science & Technology, 2017, 51, 1742-1753.	10.5	31
41	A method for incorporating a time-dose-response model into a Giardia lamblia outbreak. Journal of Water and Health, 2017, 15, 490-504.	2.6	1
42	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
43	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
44	Disinfection of Ebola Virus in Sterilized Municipal Wastewater. PLoS Neglected Tropical Diseases, 2017, 11, e0005299.	2.4	21
45	Incorporating Time-Dose-Response Into Shigella flexneri and Shigella sonnei Outbreak Models. Journal - American Water Works Association, 2017, 109, E548-E562.	0.4	0
46	Risks from <i>Ebolavirus</i> Discharge from Hospitals to Sewer Workers. Water Environment Research, 2017, 89, 357-368.	2.7	27
47	Optimized Design of Wastewater Disinfection Reactors Based on an Artificial Neural Network Metamodel. , 2016, , .		3
48	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
49	Reproducible Risk Assessment. Risk Analysis, 2016, 36, 1829-1833.	2.8	3
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	The Role of Risk Analysis in Understanding Ebola. Risk Analysis, 2015, 35, 183-185.	2.8	0
52	Microbial Dose Response Modeling: Past, Present, and Future. Environmental Science & Technology, 2015, 49, 1245-1259.	10.5	85
53	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
54	Quantitative Microbial Risk Assessment for Recreational Exposure to Water Bodies in Philadelphia. Water Environment Research, 2015, 87, 211-222.	2.7	35

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55	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
56	Persistence of Ebola Virus in Sterilized Wastewater. Environmental Science and Technology Letters, 2015, 2, 245-249.	8.8	74
57	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
58	Classic Doseâ€Response and Time Postinoculation Models for <i>Leptospira</i>. Risk Analysis, 2014, 34, 465-484.	2.8	5
59	Doseâ€Response Models Incorporating Aerosol Size Dependency for <i>Francisella tularensis</i>. Risk Analysis, 2014, 34, 911-928.	2.8	8
60	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
61	Efficacy of Chlorine Dioxide Tablets on Inactivation of <i>Cryptosporidium</i> Oocysts. Environmental Science & Technology, 2014, 48, 5849-5856.	10.5	18
62	Population Disease Transmission. , 2014, , 377-398.		0
63	Microbial Agents and Transmission. , 2014, , 15-62.		1
64	Risk Assessment Paradigms. , 2014, , 63-89.		1
65	Conducting the Hazard Identification (HAZ ID). , 2014, , 91-127.		3
66	Analytical Methods and the QMRA Framework. , 2014, , 129-157.		1
67	Exposure Assessment. , 2014, , 159-234.		2
68	Predictive Microbiology. , 2014, , 235-266.		0
69	Conducting the Doseâ€"Response Assessment. , 2014, , 267-321.		4
70	Uncertainty. , 2014, , 323-375.		1
71	On the Quarantine Period for Ebola Virus. PLOS Currents, 2014, 6, .	1.6	19
72	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

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73	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
74	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
75	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
76	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
77	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
78	Ten Most Important Accomplishments in Risk Analysis, 1980â€"2010. Risk Analysis, 2012, 32, 771-781.	2.8	79
79	Prioritizing Risks and Uncertainties from Intentional Release of Selected Category A Pathogens. PLoS ONE, 2012, 7, e32732.	2.5	14
80	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
81	Doseâ€Response Model ofâ€‚<i>Coxiella burnetii</i>â€‚(Q Fever). Risk Analysis, 2011, 31, 120-128.	2.8	18
82	Animal and Human Doseâ€Response Models for <i>Brucella</i> Species. Risk Analysis, 2011, 31, 1576-1596.	2.8	22
83	Doseâ€Response Model of Rocky Mountain Spotted Fever (RMSF) for Human. Risk Analysis, 2011, 31, 1610-1621.	2.8	11
84	Development of metamodels for predicting aerosol dispersion in ventilated spaces. Atmospheric Environment, 2011, 45, 1876-1887.	4.2	11
85	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
86	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
87	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
88	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 106-111.	8.3	34
89	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 51-56.	8.3	35
90	Development of a Dose-Response Model for SARS Coronavirus. Risk Analysis, 2010, 30, 1129-1138.	2.8	333

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91	How Sensitive Is Safe? Risk-Based Targets for Ambient Monitoring of Pathogens. IEEE Sensors Journal, 2010, 10, 668-673.	4.8	8
92	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
93	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
94	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
95	The Effect of Ongoing Exposure Dynamics in Dose Response Relationships. PLoS Computational Biology, 2009, 5, e1000399.	3.1	65
96	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
97	Timeâ€Doseâ€Response Models for Microbial Risk Assessment. Risk Analysis, 2009, 29, 648-661.	2.8	37
98	Countercurrent gas/liquid flow and mixing: Implications for water disinfection. International Journal of Multiphase Flow, 2009, 35, 171-184.	3.4	30
99	Doseâ€Response Models for Inhalation of <i>Bacillus anthracis</i> Spores: Interspecies Comparisons. Risk Analysis, 2008, 28, 1115-1124.	2.8	48
100	Legionnaires' disease: evaluation of a quantitative microbial risk assessment model. Journal of Water and Health, 2008, 6, 149-166.	2.6	56
101	Dose-Response Model for Lassa Virus. Human and Ecological Risk Assessment (HERA), 2008, 14, 742-752.	3.4	5
102	Estimated Occupational Risk from Bioaerosols Generated during Land Application of Class B Biosolids. Journal of Environmental Quality, 2008, 37, 2311-2321.	2.9	40
103	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
104	IMPACT OF <I>E.COLI</I> INITIAL MICROBIAL DENSITY ON PERACETIC ACID (PAA) AND MONOCHLORAMINE DISINFECTION EFFICIENCY. Proceedings of the Water Environment Federation, 2007, 2007, 386-401.	0.0	1
105	Wastewater Disinfection by Peracetic Acid: Assessment of Models for Tracking Residual Measurements and Inactivation. Water Environment Research, 2007, 79, 775-787.	2.7	52
106	Advancing the Quality of Drinking Water: Expert Workshop to Formulate a Research Agenda. Environmental Engineering Science, 2007, 24, 863-872.	1.7	3
107	The WATERS Network: An Integrated Environmental Observatory Network for Water Research. Environmental Science & Technology, 2007, 41, 6642-6647.	10.5	41
108	Investing in the Science of Disinfection. Water Environment Research, 2007, 79, 219-220.	2.7	0

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109	Computational Fluid Dynamics Analysis of the Effects of Reactor Configuration on Disinfection Efficiency. Water Environment Research, 2006, 78, 909-919.	2.7	22
110	Toxic and Contaminant Concerns Generated by Hurricane Katrina. Journal of Environmental Engineering, ASCE, 2006, 132, 565-566.	1.3	21
111	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
112	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
113	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
114	Inactivation of Enteric Adenovirus and Feline Calicivirus by Chlorine Dioxide. Applied and Environmental Microbiology, 2005, 71, 3100-3105.	3.2	60
115	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
116	Bioaerosol Emission Rate and Plume Characteristics during Land Application of Liquid Class B Biosolids. Environmental Science & Technology, 2005, 39, 1584-1590.	10.5	39
117	Chlorine and ozone disinfection of Encephalitozoon intestinalis spores. Water Research, 2005, 39, 2369-2375.	11.4	42
118	Inactivation of enteric adenovirus and feline calicivirus by ozone. Water Research, 2005, 39, 3650-3656.	11.4	88
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	MANAGING THE MICROBIOLOGICAL RISKS OF DRINKING WATER. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 1591-1617.	2.4	23
121	Neural networks provide superior description of Giardia lamblia inactivation by free chlorine. Water Research, 2004, 38, 3449-3457.	11.4	15
122	CFD Design Approach for Chlorine Disinfection Processes. Journal - American Water Works Association, 2004, 96, 138-150.	0.4	24
123	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
124	Minding the Machines: Preventing Technological Disasters. Risk Analysis, 2003, 23, 1355-1356.	2.8	1
125	Inactivation of Feline Calicivirus and Adenovirus Type 40 by UV Radiation. Applied and Environmental Microbiology, 2003, 69, 577-582.	3.2	247
126	Effect of initial microbial density on inactivation of Giardia muris by ozone. Water Research, 2003, 37, 2980-2988.	11.4	45

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127	Chlorine Inactivation of Adenovirus Type 40 and Feline Calicivirus. Applied and Environmental Microbiology, 2003, 69, 3979-3985.	3.2	166
128	Risk Assessment of waterborne coxsackievirus. Journal - American Water Works Association, 2003, 95, 122-131.	0.4	31
129	Environmental Engineering and Bioterrorism?. Journal of Environmental Engineering, ASCE, 2002, 128, 397-397.	1.3	0
130	Chlorine Demand in disinfecting Water Mains. Journal - American Water Works Association, 2002, 94, 97-102.	0.4	19
131	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
132	Comparison of tissue culture and animal models for assessment of Cryptospridium parvum infection. Experimental Parasitology, 2002, 101, 97-106.	1.2	35
133	Rebuttal to Letter of Cicmanec. Risk Analysis, 2002, 22, 1037-1037.	2.8	0
134	On the Risk of Mortality to Primates Exposed to Anthrax Spores. Risk Analysis, 2002, 22, 189-193.	2.8	44
135	Conditional Dose-Response Relationships for Microorganisms: Development and Application. Risk Analysis, 2002, 22, 455-463.	2.8	98
136	The Role of Risk Analysis in Understanding Bioterrorism. Risk Analysis, 2002, 22, 671-677.	2.8	22
137	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
138	Development of a dose-response relationship for Escherichia coli O157:H7. International Journal of Food Microbiology, 2000, 56, 153-159.	4.8	92
139	Epidemiology, Microbiology, and Risk Assessment of Waterborne Pathogens Including Cryptosporidium. Journal of Food Protection, 2000, 63, 827-831.	1.8	19
140	Correlating Cryptosporidium removal using dissolved air flotation in water treatment. Water Research, 2000, 34, 4116-4119.	11.4	18
141	Chlorination of HPC washed from water mains. Journal of Water Supply: Research and Technology - AQUA, 2000, 49, 159-168.	1.4	0
142	On Modeling Correlated Random Variables in Risk Assessment. Risk Analysis, 1999, 19, 1205-1214.	2.8	51
143	Dose Response Models For Infectious Gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	2.8	168
144	Development and Validation of Dose-Response Relationship for Listeria monocytogenes. Quantitative Microbiology, 1999, 1, 89-102.	0.5	34

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145	On modeling correlated random variables in risk assessment. Risk Analysis, 1999, 19, 1205-1214.	2.8	38
146	Dose response models for infectious gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	2.8	63
147	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
148	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
149	Kinetics of electroporation-assisted chlorination of Giardia muris. Water Research, 1999, 33, 1761-1766.	11.4	12
150	Bacterial levels of new mains. Journal - American Water Works Association, 1999, 91, 78-84.	0.4	7
151	Benefits of using a disinfectant residual. Journal - American Water Works Association, 1999, 91, 65-69.	0.4	25
152	Predicting disinfection performance in continuous flow systems from batch disinfection kinetics. Water Science and Technology, 1998, 38, 171-179.	2.5	10
153	Continuous Flow Residence Time Distribution Function Characterization. Journal of Environmental Engineering, ASCE, 1997, 123, 107-114.	1.3	24
154	Understanding protozoa in your watershed. Journal - American Water Works Association, 1997, 89, 62-73.	0.4	14
155	Risk Assessment of Opportunistic Bacterial Pathogens in Drinking Water. Reviews of Environmental Contamination and Toxicology, 1997, 152, 57-83.	1.5	139
156	Generalization of independent response model for toxic mixtures. Chemosphere, 1997, 34, 699-710.	8.4	8
157	Importance of Distributional Form in Characterizing Inputs to Monte Carlo Risk Assessments. Risk Analysis, 1997, 17, 107-113.	2.8	64
158	How to average microbial densities to characterize risk. Water Research, 1996, 30, 1036-1038.	11.4	79
159	Distribution of Cryptosporidium oocysts in a water supply. Water Research, 1996, 30, 2251-2254.	11.4	28
160	Waterborne rotavirus: A risk assessment. Water Research, 1996, 30, 2929-2940.	11.4	169
161	The State of <i>Water Environment Research</i>: Looking Back. Water Environment Research, 1996, 68, 3-3.	2.7	1
162	Monte Carlo assessment of microbial risk associated with landfilling of fecal material. Water Environment Research, 1996, 68, 1123-1131.	2.7	15

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163	Water quality and disinfection kinetics. Journal - American Water Works Association, 1996, 88, 95-103.	0.4	54
164	Assessing the risk posed by oocysts in drinking water. Journal - American Water Works Association, 1996, 88, 131-136.	0.4	143
165	Sensitive populations: who is at the greatest risk?. International Journal of Food Microbiology, 1996, 30, 113-123.	4.8	306
166	Quantitative description of mixture toxicity: Effect of level of response on interactions. Environmental Toxicology and Chemistry, 1996, 15, 1429-1437.	4.4	30
167	Moment Analysis of Tracer Experiments. Journal of Environmental Engineering, ASCE, 1996, 122, 1121-1130.	1.3	20
168	LINKING MICROBIOLOGICAL CRITERIA FOR FOODS WITH QUANTITATIVE RISK ASSESSMENT. Journal of Food Safety, 1995, 15, 121-132.	2.3	48
169	The risk of overâ€reliance on risk assessment. Water Environment Research, 1995, 67, i.	2.7	0
170	Protozoan monitoring: from the ICR to the ESWTR. Journal - American Water Works Association, 1995, 87, 50-59.	0.4	11
171	Developing an action level for Cryptosporidium. Journal - American Water Works Association, 1995, 87, 81-84.	0.4	70
172	Comment on â€œdestruction of oocysts of Cryptosporidium parvum by sand and chlorineâ€•by J. F. W. Parker and H. V. Smith, Water Res. 27, 729â€"731 (1993). Water Research, 1995, 29, 1615.	11.4	0
173	Effect of sulfate on anaerobic processes fed with dual substrates. Water Science and Technology, 1995, 31, 101-107.	2.5	7
174	A volumetric method for assessing Giardia inactivation. Journal - American Water Works Association, 1994, 86, 115-120.	0.4	7
175	Unified kinetic treatment for growth on dual nutrients. Biotechnology and Bioengineering, 1994, 44, 154-164.	3.5	9
176	Reduction of ion-exchange equilibria data using an error in variables approach. AIChE Journal, 1994, 40, 556-569.	3.6	34
177	New quantitative approach for analysis of binary toxic mixtures. Environmental Toxicology and Chemistry, 1994, 13, 149-156.	4.4	11
178	The Possibility for "Natural" Generation of Chlorinated Organic Compounds. Risk Analysis, 1994, 14, 143-145.	2.8	5
179	Dose-Response Analysis Using Spreadsheets. Risk Analysis, 1994, 14, 1097-1100.	2.8	21
180	Disinfection under Dynamic Conditions: Modification of Hom's Model for Decay. Environmental Science & Technology, 1994, 28, 1367-1369.	10.5	122

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181	Risk Assessment of Virus in Drinking Water. Risk Analysis, 1993, 13, 545-552.	2.8	242
182	Development of Regression Models with Belowâ€Detection Data. Journal of Environmental Engineering, ASCE, 1993, 119, 214-230.	1.3	18
183	Water Environment Protection in the 1990s. Water Environment Research, 1993, 65, 99-99.	2.7	0
184	Biological sulfide prestripping for metal and COD removal. Water Environment Research, 1993, 65, 645-649.	2.7	12
185	The State of <i>Water Environment Research</i>. Water Environment Research, 1992, 64, 659-659.	2.7	0
186	Inactivation of E. coli by combined action of free chlorine and monochloramine. Water Research, 1991, 25, 1027-1032.	11.4	55
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