Charles N Haas

List of Publications by Year
in descending order

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233 papers	8,956 citations	41258 49 h-index	58464 82 g-index
249 all docs	249 docs citations	249 times ranked	6527 citing authors

#	Article	IF	Citations
1	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	3.9	153
2	A Quantitative Risk Estimation Platform for Indoor Aerosol Transmission of COVIDâ€19. Risk Analysis, 2022, 42, 2075-2088.	1.5	17
3	Influence of Hot Water Temperature and Use Patterns on Microbial Water Quality in Building Plumbing Systems. Environmental Engineering Science, 2022, 39, 309-319.	0.8	13
4	Inactivation of Giardia Cysts by Ozone after Residual Disappearance. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	2
5	Tenets of a holistic approach to drinking water-associated pathogen research, management, and communication. Water Research, 2022, 211, 117997.	5.3	21
6	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.	1.2	185
7	Action Levels for SARSâ€CoVâ€2 in Air: Preliminary Approach. Risk Analysis, 2021, 41, 705-709.	1.5	17
8	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, .	3.1	2
9	Legionnairesâ€™ disease in dental offices: Quantifying aerosol risks to dental workers and patients. Journal of Occupational and Environmental Hygiene, 2021, 18, 378-393.	0.4	4
10	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, .	0.8	24
11	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.	1.3	0
12	Development of a CFD-Based Artificial Neural Network Metamodel in a Wastewater Disinfection Process with Peracetic Acid. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	6
13	Application of QMRA to MAR operations for safe agricultural water reuses in coastal areas. Water Research X, 2020, 8, 100062.	2.8	7
14	Full factorial study of pipe characteristics, stagnation times, and water quality. AWWA Water Science, 2020, 2, e1204.	1.0	13
15	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.	1.2	8
16	Quantitative Microbial Risk Assessment and Molecular Biology: Paths to Integration. Environmental Science & Technology, 2020, 54, 8539-8546.	4.6	34
17	Coronavirus and Environmental Engineering Science. Environmental Engineering Science, 2020, 37, 233-234.	0.8	14
18	Ebola Virus Dose Response Model for Aerosolized Exposures: Insights from Primate Data. Risk Analysis, 2020, 40, 2390-2398.	1.5	3

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19	Heavy precipitation, drinking water source, and acute gastrointestinal illness in Philadelphia, 2015-2017. PLoS ONE, 2020, 15, e0229258.	1.1	4
20	Coronavirus and Risk Analysis. Risk Analysis, 2020, 40, 660-661.	1.5	24
21	Required water temperature in hotel plumbing to control Legionella growth. Water Research, 2020, 182, 115943.	5.3	25
22	A quantitative risk assessment method for synthetic biology products in the environment. Science of the Total Environment, 2019, 696, 133940.	3.9	9
23	Risk-Based Critical Concentrations of Legionella pneumophila for Indoor Residential Water Uses. Environmental Science & Technology, 2019, 53, 4528-4541.	4.6	77
24	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.	1.5	94
25	Reverse QMRA as a Decision Support Tool: Setting Acceptable Concentration Limits for Pseudomonas aeruginosa and Naegleria fowleri. Water (Switzerland), 2019, 11, 1850.	1.2	22
26	Comparison of pathogen-derived â€˜total riskâ€™ with indicator-based correlations for recreational (swimming) exposure. Environmental Science and Pollution Research, 2019, 26, 30614-30624.	2.7	17
27	Health risks from exposure to Legionella in reclaimed water aerosols: Toilet flushing, spray irrigation, and cooling towers. Water Research, 2018, 134, 261-279.	5.3	93
28	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.	1.3	1
29	An Environmental Science and Engineering Framework for Combating Antimicrobial Resistance. Environmental Engineering Science, 2018, 35, 1005-1011.	0.8	47
30	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. Water (Switzerland), 2018, 10, 92.	1.2	10
31	Incorporating Timeâ€Doseâ€Response into Legionella Outbreak Models. Risk Analysis, 2017, 37, 291-304.	1.5	8
32	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.	5.3	51
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.	5.3	56
34	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.	5.3	28
35	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. Environmental Science & Technology, 2017, 51, 1742-1753.	4.6	31
36	A method for incorporating a time-dose-response model into a Giardia lamblia outbreak. Journal of Water and Health, 2017, 15, 490-504.	1.1	0

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37	Risk of Illness with Salmonella due to Consumption of Raw Unwashed Vegetables Irrigated with Water from the BogotÃ¡ River. Risk Analysis, 2017, 37, 733-743.	1.5	14
38	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.	1.2	37
39	Disinfection of Ebola Virus in Sterilized Municipal Wastewater. PLoS Neglected Tropical Diseases, 2017, 11, e0005299.	1.3	20
40	Incorporating Time-Dose-Response Into Shigella flexneri and Shigella sonnei Outbreak Models. Journal - American Water Works Association, 2017, 109, E548-E562.	0.2	0
41	Risks from Ebolavirus Discharge from Hospitals to Sewer Workers. Water Environment Research, 2017, 89, 357-368.	1.3	25
42	Optimized Design of Wastewater Disinfection Reactors Based on an Artificial Neural Network Metamodel. , 2016, , .		3
43	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.	1.1	5
44	Reproducible Risk Assessment. Risk Analysis, 2016, 36, 1829-1833.	1.5	3
45	Contribution of assimilable organic carbon to biological fouling in seawater reverse osmosis membrane treatment. Water Research, 2016, 101, 203-213.	5.3	41
46	The Role of Risk Analysis in Understanding Ebola. Risk Analysis, 2015, 35, 183-185.	1.5	0
47	Microbial Dose Response Modeling: Past, Present, and Future. Environmental Science & Technology, 2015, 49, 1245-1259.	4.6	79
48	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.	3.9	3
49	Quantitative Microbial Risk Assessment for Recreational Exposure to Water Bodies in Philadelphia. Water Environment Research, 2015, 87, 211-222.	1.3	32
50	Nondeterministic Computational Fluid Dynamics Modeling of Escherichia coli Inactivation by Peracetic Acid in Municipal Wastewater Contact Tanks. Environmental Science & Technology, 2015, 49, 7265-7275.	4.6	33
51	Persistence of Ebola Virus in Sterilized Wastewater. Environmental Science and Technology Letters, 2015, 2, 245-249.	3.9	71
52	Ebola Virus Persistence in the Environment: State of the Knowledge and Research Needs. Environmental Science and Technology Letters, 2015, 2, 2-6.	3.9	58
53	Classic Doseâ€Response and Time Postinoculation Models for Leptospira. Risk Analysis, 2014, 34, 465-484.	1.5	5
54	Doseâ€Response Models Incorporating Aerosol Size Dependency for Francisella tularensis. Risk Analysis, 2014, 34, 911-928.	1.5	8

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55	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.	1.1	54
56	Efficacy of Chlorine Dioxide Tablets on Inactivation of Cryptosporidium Oocysts. Environmental Science & Technology, 2014, 48, 5849-5856.	4.6	17
57	On the Quarantine Period for Ebola Virus. PLOS Currents, 2014, 6, .	1.4	16
58	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.	1.2	34
59	Acceptable microbial risk: Costâ€“benefit analysis of a boil water order for Cryptosporidium. Journal - American Water Works Association, 2013, 105, E189.	0.2	2
60	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.	1.4	123
61	Recreational use assessment of water-based activities, using time-lapse construction cameras. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 281-290.	1.8	20
62	Dose-response model of murine typhus (Rickettsia typhi): time post inoculation and host age dependency analysis. BMC Infectious Diseases, 2012, 12, 77.	1.3	4
63	Doseâ€Response Assessment for Influenza A Virus Based on Data Sets of Infection with its Live Attenuated Reassortants. Risk Analysis, 2012, 32, 555-565.	1.5	26
64	Ten Most Important Accomplishments in Risk Analysis, 1980â€“2010. Risk Analysis, 2012, 32, 771-781.	1.5	79
65	Prioritizing Risks and Uncertainties from Intentional Release of Selected Category A Pathogens. PLoS ONE, 2012, 7, e32732.	1.1	14
66	A Model for In-vivo Delivered Dose Estimation for InhaledBacillus anthracisSpores in Humans with Interspecies Extrapolation. Environmental Science & Technology, 2011, 45, 5828-5833.	4.6	17
67	Dose-response time modelling for highly pathogenic avian influenza A (H5N1) virus infection. Letters in Applied Microbiology, 2011, 53, 438-444.	1.0	12
68	Doseâ€Response Model ofâ€,Coxiella burnetiiâ€,(Q Fever). Risk Analysis, 2011, 31, 120-128.	1.5	18
69	Animal and Human Doseâ€Response Models for Brucella Species. Risk Analysis, 2011, 31, 1576-1596.	1.5	22
70	Doseâ€Response Model of Rocky Mountain Spotted Fever (RMSF) for Human. Risk Analysis, 2011, 31, 1610-1621.	1.5	11
71	Development of metamodels for predicting aerosol dispersion in ventilated spaces. Atmospheric Environment, 2011, 45, 1876-1887.	1.9	11
72	Quantification of the Relationship between Bacterial Kinetics and Host Response for Monkeys Exposed to Aerosolized Francisella tularensis. Applied and Environmental Microbiology, 2011, 77, 485-490.	1.4	14

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73	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.	0.9	4
74	Modeling virus transport and inactivation in a fluoropolymer tube UV photoreactor using Computational Fluid Dynamics. Chemical Engineering Journal, 2010, 161, 9-18.	6.6	7
75	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 106-111.	4.0	34
76	Hygienic sustainability of site location of wastewater treatment plants. Desalination, 2010, 253, 51-56.	4.0	34
77	Development of a Dose-Response Model for SARS Coronavirus. Risk Analysis, 2010, 30, 1129-1138.	1.5	314
78	How Sensitive Is Safe? Risk-Based Targets for Ambient Monitoring of Pathogens. IEEE Sensors Journal, 2010, 10, 668-673.	2.4	8
79	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.	0.7	8
80	Quantification of the Effects of Age on the Dose Response ofVariola majorin Suckling Mice. Human and Ecological Risk Assessment (HERA), 2009, 15, 1245-1256.	1.7	11
81	Implications of Limits of Detection of Various Methods for Bacillus anthracis in Computing Risks to Human Health. Applied and Environmental Microbiology, 2009, 75, 6331-6339.	1.4	33
82	The Effect of Ongoing Exposure Dynamics in Dose Response Relationships. PLoS Computational Biology, 2009, 5, e1000399.	1.5	63
83	Incorporating time postinoculation into a dose-response model ofYersinia pestisin mice. Journal of Applied Microbiology, 2009, 107, 727-735.	1.4	22
84	Characterizing the Risk of Infection from Mycobacterium tuberculosis in Commercial Passenger Aircraft Using Quantitative Microbial Risk Assessment. Risk Analysis, 2009, 29, 355-365.	1.5	34
85	Timeâ€Doseâ€Response Models for Microbial Risk Assessment. Risk Analysis, 2009, 29, 648-661.	1.5	37
86	Countercurrent gas/liquid flow and mixing: Implications for water disinfection. International Journal of Multiphase Flow, 2009, 35, 171-184.	1.6	29
87	Impacts of Advanced Treatment on Climate Change - Evaluating the Carbon Footprint of Uv Disinfection in Water Reuse Applications. Proceedings of the Water Environment Federation, 2009, 2009, 807-817.	0.0	0
88	Doseâ€Response Models for Inhalation of Bacillus anthracis Spores: Interspecies Comparisons. Risk Analysis, 2008, 28, 1115-1124.	1.5	48
89	Dose-response model forBurkholderia pseudomallei(melioidosis). Journal of Applied Microbiology, 2008, 105, 1361-1371.	1.4	8
90	Legionnaires' disease: evaluation of a quantitative microbial risk assessment model. Journal of Water and Health, 2008, 6, 149-166.	1.1	54

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91	Dose-Response Model for Lassa Virus. Human and Ecological Risk Assessment (HERA), 2008, 14, 742-752.	1.7	4
92	Effect of initial microbial density on inactivation of Escherichia coli by monochloramine. Journal of Environmental Engineering and Science, 2008, 7, 237-245.	0.3	9
93	Estimated Occupational Risk from Bioaerosols Generated during Land Application of Class B Biosolids. Journal of Environmental Quality, 2008, 37, 2311-2321.	1.0	38
94	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.	0.4	49
95	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
96	Wastewater Disinfection by Peracetic Acid: Assessment of Models for Tracking Residual Measurements and Inactivation. Water Environment Research, 2007, 79, 775-787.	1.3	52
97	Advancing the Quality of Drinking Water: Expert Workshop to Formulate a Research Agenda. Environmental Engineering Science, 2007, 24, 863-872.	0.8	3
98	The WATERS Network: An Integrated Environmental Observatory Network for Water Research. Environmental Science & Technology, 2007, 41, 6642-6647.	4.6	40
99	Investing in the Science of Disinfection. Water Environment Research, 2007, 79, 219-220.	1.3	0
100	A Quantitative Microbial Risk Assessment Model for Legionnaires' Disease: Animal Model Selection and Doseâ€Response Modeling. Risk Analysis, 2007, 27, 1581-1596.	1.5	94
101	Computational Fluid Dynamics Analysis of the Effects of Reactor Configuration on Disinfection Efficiency. Water Environment Research, 2006, 78, 909-919.	1.3	22
102	Toxic and Contaminant Concerns Generated by Hurricane Katrina. Journal of Environmental Engineering, ASCE, 2006, 132, 565-566.	0.7	20
103	Application of a CFD Design Approach for Chemical Disinfection Processes. Proceedings of the Water Environment Federation, 2005, 2005, 413-423.	0.0	0
104	Assessment of <I>B. SUBTILIS</I> as a Surrogate for Inactivation Efficiency of Ozone on <I>C. PARVUM</I> and <I>G. MURIS</I>. Proceedings of the Water Environment Federation, 2005, 2005, 77-99.	0.0	1
105	Wastewater Disinfection by PAA: Relating Residual Measurements and Inactivation. Proceedings of the Water Environment Federation, 2005, 2005, 468-485.	0.0	1
106	Estimation of bioaerosol risk of infection to residents adjacent to a land applied biosolids site using an empirically derived transport model. Journal of Applied Microbiology, 2005, 98, 397-405.	1.4	77
107	A national study on the residential impact of biological aerosols from the land application of biosolids. Journal of Applied Microbiology, 2005, 99, 310-322.	1.4	90
108	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.	2.1	16

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109	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.	1.9	168
110	Validation of Batch Disinfection Kinetics of Escherichia coli Inactivation by Monochloramine in a Continuous Flow System. Environmental Engineering Science, 2005, 22, 567-577.	0.8	2
111	Inactivation of Enteric Adenovirus and Feline Calicivirus by Chlorine Dioxide. Applied and Environmental Microbiology, 2005, 71, 3100-3105.	1.4	60
112	Use of CFD for Wastewater Disinfection Process Analysis: E.coli Inactivation with Peroxyacetic Acid (PAA). International Journal of Chemical Reactor Engineering, 2005, 3, .	0.6	6
113	Bioaerosol Emission Rate and Plume Characteristics during Land Application of Liquid Class B Biosolids. Environmental Science & Technology, 2005, 39, 1584-1590.	4.6	39
114	Chlorine and ozone disinfection of Encephalitozoon intestinalis spores. Water Research, 2005, 39, 2369-2375.	5.3	41
115	Inactivation of enteric adenovirus and feline calicivirus by ozone. Water Research, 2005, 39, 3650-3656.	5.3	86
116	The Milwaukee Cryptosporidium outbreak: assessment of incubation time and daily attack rate. Journal of Water and Health, 2004, 2, 59-69.	1.1	13
117	MANAGING THE MICROBIOLOGICAL RISKS OF DRINKING WATER. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2004, 67, 1591-1617.	1.1	22
118	Neural networks provide superior description of Giardia lamblia inactivation by free chlorine. Water Research, 2004, 38, 3449-3457.	5.3	15
119	CFD Design Approach for Chlorine Disinfection Processes. Journal - American Water Works Association, 2004, 96, 138-150.	0.2	24
120	Inactivation of Cryptosporidium parvum with ozone in treated drinking water. Journal of Water Supply: Research and Technology - AQUA, 2004, 53, 287-297.	0.6	4
121	Minding the Machines: Preventing Technological Disasters. Risk Analysis, 2003, 23, 1355-1356.	1.5	1
122	Inactivation of Feline Calicivirus and Adenovirus Type 40 by UV Radiation. Applied and Environmental Microbiology, 2003, 69, 577-582.	1.4	246
123	Effect of initial microbial density on inactivation of Giardia muris by ozone. Water Research, 2003, 37, 2980-2988.	5.3	44
124	Chlorine Inactivation of Adenovirus Type 40 and Feline Calicivirus. Applied and Environmental Microbiology, 2003, 69, 3979-3985.	1.4	165
125	Numerical Investigation of the Effects of Reactor Configuration on the Efficacy of Microbial Inactivation. Proceedings of the Water Environment Federation, 2003, 2003, 73-97.	0.0	0
126	Risk Assessment of waterborne coxsackievirus. Journal - American Water Works Association, 2003, 95, 122-131.	0.2	29

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127	Environmental Engineering and Bioterrorism?. Journal of Environmental Engineering, ASCE, 2002, 128, 397-397.	0.7	0
128	Chlorine Demand in disinfecting Water Mains. Journal - American Water Works Association, 2002, 94, 97-102.	0.2	19
129	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.	1.1	31
130	Comparison of tissue culture and animal models for assessment of Cryptospridium parvum infection. Experimental Parasitology, 2002, 101, 97-106.	0.5	35
131	Quantitative assessment of risk reduction from hand washing with antibacterial soaps. Journal of Applied Microbiology, 2002, 92, 136S-143S.	1.4	53
132	Rebuttal to Letter of Cicmanec. Risk Analysis, 2002, 22, 1037-1037.	1.5	0
133	On the Risk of Mortality to Primates Exposed to Anthrax Spores. Risk Analysis, 2002, 22, 189-193.	1.5	43
134	Conditional Dose-Response Relationships for Microorganisms: Development and Application. Risk Analysis, 2002, 22, 455-463.	1.5	98
135	The Role of Risk Analysis in Understanding Bioterrorism. Risk Analysis, 2002, 22, 671-677.	1.5	22
136	Design Criteria for Inactivation of Cryptosporidium by Ozone in Drinking Water. Ozone: Science and Engineering, 2001, 23, 259-284.	1.4	19
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.	5.3	4
138	Development of a dose-response relationship for Escherichia coli O157:H7. International Journal of Food Microbiology, 2000, 56, 153-159.	2.1	91
139	Epidemiology, Microbiology, and Risk Assessment of Waterborne Pathogens Including Cryptosporidium. Journal of Food Protection, 2000, 63, 827-831.	0.8	19
140	Correlating Cryptosporidium removal using dissolved air flotation in water treatment. Water Research, 2000, 34, 4116-4119.	5.3	18
141	Chlorination of HPC washed from water mains. Journal of Water Supply: Research and Technology - AQUA, 2000, 49, 159-168.	0.6	0
142	Semiâ€quantitative characterization of electroporationâ€assisted disinfection processes for inactivation ofGiardiaandCryptosporidium. Journal of Applied Microbiology, 1999, 86, 899-905.	1.4	25
143	On Modeling Correlated Random Variables in Risk Assessment. Risk Analysis, 1999, 19, 1205-1214.	1.5	49
144	Dose Response Models For Infectious Gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	1.5	163

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145	Development and Validation of Dose-Response Relationship for Listeria monocytogenes. Quantitative Microbiology, 1999, 1, 89-102.	0.5	34
146	Interaction Between Phenanthrene and Zinc in Their Toxicity to the Sheepshead Minnow (Cyprinodon) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	38
147	On modeling correlated random variables in risk assessment. Risk Analysis, 1999, 19, 1205-1214.	1.5	37
148	Dose response models for infectious gastroenteritis. Risk Analysis, 1999, 19, 1251-1260.	1.5	61
149	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.	1.1	42
150	Use of quantitative microbial risk assessment for evaluation of the benefits of laundry sanitation. American Journal of Infection Control, 1999, 27, S34-S39.	1.1	29
151	Kinetics of electroporation-assisted chlorination of Giardia muris. Water Research, 1999, 33, 1761-1766.	5.3	12
152	Bacterial levels of new mains. Journal - American Water Works Association, 1999, 91, 78-84.	0.2	7
153	Benefits of using a disinfectant residual. Journal - American Water Works Association, 1999, 91, 65-69.	0.2	23
154	Frameworks for assessing reliability of multiple, independent barriers in potable water reuse. Water Science and Technology, 1998, 38, 1.	1.2	10
155	Predicting disinfection performance in continuous flow systems from batch disinfection kinetics. Water Science and Technology, 1998, 38, 171.	1.2	5
156	Predicting disinfection performance in continuous flow systems from batch disinfection kinetics. Water Science and Technology, 1998, 38, 171-179.	1.2	9
157	Continuous Flow Residence Time Distribution Function Characterization. Journal of Environmental Engineering, ASCE, 1997, 123, 107-114.	0.7	24
158	Understanding protozoa in your watershed. Journal - American Water Works Association, 1997, 89, 62-73.	0.2	13
159	Risk Assessment of Opportunistic Bacterial Pathogens in Drinking Water. Reviews of Environmental Contamination and Toxicology, 1997, 152, 57-83.	0.7	136
160	Generalization of independent response model for toxic mixtures. Chemosphere, 1997, 34, 699-710.	4.2	8
161	Importance of Distributional Form in Characterizing Inputs to Monte Carlo Risk Assessments. Risk Analysis, 1997, 17, 107-113.	1.5	62
162	Waterborne adenovirus: a risk assessment. Water Science and Technology, 1997, 35, 1.	1.2	50

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163	How to average microbial densities to characterize risk. Water Research, 1996, 30, 1036-1038.	5.3	76
164	Distribution of Cryptosporidium oocysts in a water supply. Water Research, 1996, 30, 2251-2254.	5.3	27
165	Waterborne rotavirus: A risk assessment. Water Research, 1996, 30, 2929-2940.	5.3	166
166	The State of Water Environment Research: Looking Back. Water Environment Research, 1996, 68, 3-3.	1.3	1
167	Monte Carlo assessment of microbial risk associated with landfilling of fecal material. Water Environment Research, 1996, 68, 1123-1131.	1.3	15
168	Water quality and disinfection kinetics. Journal - American Water Works Association, 1996, 88, 95-103.	0.2	52
169	Acceptable Microbial Risk. Journal - American Water Works Association, 1996, 88, 8-8.	0.2	20
170	Assessing the risk posed by oocysts in drinking water. Journal - American Water Works Association, 1996, 88, 131-136.	0.2	143
171	Prevalence of shigellosis in the U.S.: consistency with dose-response information. International Journal of Food Microbiology, 1996, 30, 87-99.	2.1	81
172	Assessment of the dose-response relationship of Campylobacter jejuni. International Journal of Food Microbiology, 1996, 30, 101-111.	2.1	145
173	Sensitive populations: who is at the greatest risk?. International Journal of Food Microbiology, 1996, 30, 113-123.	2.1	303
174	Quantitative description of mixture toxicity: Effect of level of response on interactions. Environmental Toxicology and Chemistry, 1996, 15, 1429-1437.	2.2	30
175	Moment Analysis of Tracer Experiments. Journal of Environmental Engineering, ASCE, 1996, 122, 1121-1130.	0.7	20
176	LINKING MICROBIOLOGICAL CRITERIA FOR FOODS WITH QUANTITATIVE RISK ASSESSMENT. Journal of Food Safety, 1995, 15, 121-132.	1.1	46
177	Effect of sulfate on anaerobic processes fed with dual substrates. Water Science and Technology, 1995, 31, 101.	1.2	18
178	The risk of overâ€reliance on risk assessment. Water Environment Research, 1995, 67, i.	1.3	0
179	Protozoan monitoring: from the ICR to the ESWTR. Journal - American Water Works Association, 1995, 87, 50-59.	0.2	11
180	Developing an action level for Cryptosporidium. Journal - American Water Works Association, 1995, 87, 81-84.	0.2	69

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181	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.	5.3	0
182	Effect of sulfate on anaerobic processes fed with dual substrates. Water Science and Technology, 1995, 31, 101-107.	1.2	7
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