

Daniel

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

651
citations

687363

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h-index

677142

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g-index

22
all docs

22
docs citations

22
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival of the Enveloped Virus Phi6 in Droplets as a Function of Relative Humidity, Absolute Humidity, and Temperature. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	149
2	Incidence of waterborne lead in private drinking water systems in Virginia. <i>Journal of Water and Health</i> , 2015, 13, 897-908.	2.6	78
3	Ground Water Discharge of Agricultural Pesticides and Nutrients to Estuarine Surface Water. <i>Ground Water Monitoring and Remediation</i> , 1996, 16, 118-129.	0.8	67
4	Systematic tracking, visualizing, and interpreting of consumer feedback for drinking water quality. <i>Water Research</i> , 2014, 66, 63-74.	11.3	44
5	Tale of Two Isomers: Complexities of Human Odor Perception for <i>cis</i> - and <i>trans</i> -4-Methylcyclohexane Methanol from the Chemical Spill in West Virginia. <i>Environmental Science & Technology</i> , 2015, 49, 1319-1327.	10.0	43
6	Evaluation of Iron Release Models for Water Distribution Systems. <i>Critical Reviews in Environmental Science and Technology</i> , 2012, 42, 44-97.	12.8	37
7	Partitioning, Aqueous Solubility, and Dipole Moment Data for <i>cis</i> - and <i>trans</i> -(4-Methylcyclohexyl)methanol, Principal Contaminants of the West Virginia Chemical Spill. <i>Environmental Science and Technology Letters</i> , 2015, 2, 123-127.	8.7	24
8	Assessing human exposure and odor detection during showering with crude 4-(methylcyclohexyl)methanol (MCHM) contaminated drinking water. <i>Science of the Total Environment</i> , 2015, 538, 298-305.	8.0	22
9	Human exposure to particles at the air-water interface: Influence of water quality on indoor air quality from use of ultrasonic humidifiers. <i>Environment International</i> , 2020, 143, 105902.	10.0	22
10	Data Analytics Determines Co-occurrence of Odorants in Raw Water and Evaluates Drinking Water Treatment Removal Strategies. <i>Environmental Science & Technology</i> , 2021, 55, 16770-16782.	10.0	19
11	Breakfast meals and emotions: Implicit and explicit assessment of the visual experience. <i>Journal of Sensory Studies</i> , 2017, 32, e12265.	1.6	17
12	Generalized Likelihood Uncertainty Estimation and Markov Chain Monte Carlo Simulation to Prioritize TMDL Pollutant Allocations. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	1.9	16
13	Subtleties of human exposure and response to chemical mixtures from spills. <i>Environmental Pollution</i> , 2016, 214, 618-626.	7.5	15
14	Two-Phase Monte Carlo Simulation for Partitioning the Effects of Epistemic and Aleatory Uncertainty in TMDL Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	1.9	14
15	Copper toxicity to larval <i>Mercenaria mercenaria</i> (hard clam). <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 760-766.	4.3	13
16	Emission of iron and aluminum oxide particles from ultrasonic humidifiers and potential for inhalation. <i>Water Research</i> , 2019, 164, 114899.	11.3	13
17	Pyrazines: A diverse class of earthy-musty odorants impacting drinking water quality and consumer satisfaction. <i>Water Research</i> , 2020, 182, 115971.	11.3	13
18	An overlooked route of inhalation exposure to tap water constituents for children and adults: Aerosolized aqueous minerals from ultrasonic humidifiers. <i>Water Research X</i> , 2020, 9, 100060.	6.1	11

#	ARTICLE	IF	CITATIONS
19	Children and adults are exposed to dual risks from ingestion of water and inhalation of ultrasonic humidifier particles from Pb-containing water. <i>Science of the Total Environment</i> , 2021, 791, 148248.	8.0	11
20	Protocol for Data Collection and Analysis Applied to Automated Facial Expression Analysis Technology and Temporal Analysis for Sensory Evaluation. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	9
21	Risks to children from inhalation of aerosolized aqueous manganese emitted from ultrasonic humidifiers can be greater than for corresponding ingestion. <i>Water Research</i> , 2021, 207, 117760.	11.3	8
22	Predicting Permeation of Organic Contaminants into Polyethylenes. <i>Journal of Environmental Engineering</i> , ASCE, 2013, 139, 205-212.	1.4	6