

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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677142

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807
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Emission of iron and aluminum oxide particles from ultrasonic humidifiers and potential for inhalation. <i>Water Research</i> , 2019, 164, 114899. | 11.3 | 13 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 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 | Subtleties of human exposure and response to chemical mixtures from spills. <i>Environmental Pollution</i> , 2016, 214, 618-626. | 7.5 | 15 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Systematic tracking, visualizing, and interpreting of consumer feedback for drinking water quality. <i>Water Research</i> , 2014, 66, 63-74. | 11.3 | 44 |

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|----|---|------|-----------|
| 19 | Predicting Permeation of Organic Contaminants into Polyethylenes. Journal of Environmental Engineering, ASCE, 2013, 139, 205-212. | 1.4 | 6 |
| 20 | Evaluation of Iron Release Models for Water Distribution Systems. Critical Reviews in Environmental Science and Technology, 2012, 42, 44-97. | 12.8 | 37 |
| 21 | Copper toxicity to larval <i>Mercenaria mercenaria</i> (hard clam). Environmental Toxicology and Chemistry, 2002, 21, 760-766. | 4.3 | 13 |
| 22 | Ground Water Discharge of Agricultural Pesticides and Nutrients to Estuarine Surface Water. Ground Water Monitoring and Remediation, 1996, 16, 118-129. | 0.8 | 67 |