

Amisha D Shah

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

825
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of Fluoroquinolone Antibacterial Agents with Aqueous Chlorine: Reaction Kinetics, Mechanisms, and Transformation Pathways. <i>Environmental Science & Technology</i> , 2005, 39, 7065-7076.	10.0	235
2	Energy-Efficient Electrochemical Oxidation of Perfluoroalkyl Substances Using a Ti_{4}/O_{7} Reactive Electrochemical Membrane Anode. <i>Environmental Science and Technology Letters</i> , 2019, 6, 504-510.	8.7	174
3	Formation of disinfection by-products during ballast water treatment with ozone, chlorine, and peracetic acid: influence of water quality parameters. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 465-480.	2.4	65
4	Wildfire caused widespread drinking water distribution network contamination. <i>AWWA Water Science</i> , 2020, 2, e1183.	2.1	53
5	An investigation of spatial and temporal drinking water quality variation in green residential plumbing. <i>Building and Environment</i> , 2020, 169, 106566.	6.9	46
6	Reactivity of the Polyamide Membrane Monomer with Free Chlorine: Reaction Kinetics, Mechanisms, and the Role of Chloride. <i>Environmental Science & Technology</i> , 2019, 53, 8167-8176.	10.0	30
7	Reaction Kinetics and Transformation of Carbadox and Structurally Related Compounds with Aqueous Chlorine. <i>Environmental Science & Technology</i> , 2006, 40, 7228-7235.	10.0	29
8	Indirect Photochemical Formation of Carbonyl Sulfide and Carbon Disulfide in Natural Waters: Role of Organic Sulfur Precursors, Water Quality Constituents, and Temperature. <i>Environmental Science & Technology</i> , 2018, 52, 9108-9117.	10.0	28
9	Formation of brominated trihalomethanes during chlorination or ozonation of natural organic matter extracts and model compounds in saline water. <i>Water Research</i> , 2018, 143, 492-502.	11.3	28
10	Drinking water contamination from the thermal degradation of plastics: implications for wildfire and structure fire response. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 274-284.	2.4	24
11	Tertiary amines enhance reactions of organic contaminants with aqueous chlorine. <i>Water Research</i> , 2011, 45, 6087-6096.	11.3	22
12	Water safety attitudes, risk perception, experiences, and education for households impacted by the 2018 Camp Fire, California. <i>Natural Hazards</i> , 2021, 108, 947-975.	3.4	17
13	Real-Time Measurements of Botanical Disinfectant Emissions, Transformations, and Multiphase Inhalation Exposures in Buildings. <i>Environmental Science and Technology Letters</i> , 2021, 8, 558-566.	8.7	15
14	Ethanol-based disinfectant sprays drive rapid changes in the chemical composition of indoor air in residential buildings. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100042.	3.6	11
15	Microcystin-LR degradation kinetics during chlorination: Role of water quality conditions. <i>Water Research</i> , 2020, 185, 116305.	11.3	9
16	Influence of dissolved organic matter on carbonyl sulfide and carbon disulfide formation from cysteine during sunlight photolysis. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1852-1864.	3.5	9
17	Reactivity of the Polyamide Membrane Monomer with Free Chlorine: Role of Bromide. <i>Environmental Science & Technology</i> , 2021, 55, 2575-2584.	10.0	8
18	Role of tertiary amines in enhancing trihalomethane and haloacetic acid formation during chlorination of aromatic compounds and a natural organic matter extract. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 663-679.	2.4	7

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19	Effect of halides on polyamide-based membrane flux and monomer degradation during chloramination. <i>Journal of Membrane Science</i> , 2021, 639, 119717.	8.2	7
20	Formation and sorption of trihalomethanes from cross-linked polyethylene pipes following chlorinated water exposure. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2479-2491.	2.4	6
21	Influence of dissolved organic matter on carbonyl sulfide and carbon disulfide formation from dimethyl sulfide during sunlight photolysis. <i>Water Environment Research</i> , 2021, 93, 2982-2997.	2.7	2