# Ching-Hua Huang

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 141 papers | 11,563 citations | 22153 59 h-index | 29157 104 g-index |
| 143 all docs | 143 docs citations | 143 times ranked | 8055 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Flume and single-pass washing systems for fresh-cut produce processing: Disinfection by-products evaluation. Food Control, 2022, 133, 108578. | 5.5 | 10 |
| 2 | Ferrate(VI)-peracetic acid oxidation process: Rapid degradation of pharmaceuticals in water. Chemical Engineering Journal, 2022, 429, 132384. | 12.7 | 45 |
| 3 | Enhanced formation of trihalomethane disinfection byproducts from halobenzoquinones under combined UV/chlorine conditions. Frontiers of Environmental Science and Engineering, 2022, 16, 1. | 6.0 | 5 |
| 4 | Visible Light-Induced Catalyst-Free Activation of Peroxydisulfate: Pollutant-Dependent Production of Reactive Species. Environmental Science & Technology, 2022, 56, 2626-2636. | 10.0 | 58 |
| 5 | Occurrence of per- and polyfluoroalkyl substances in water: a review. Environmental Science: Water Research and Technology, 2022, 8, 1136-1151. | 2.4 | 6 |
| 6 | Enhanced Degradation of Micropollutants in a Peracetic Acidâ€“Fe(III) System with Picolinic Acid. Environmental Science & Technology, 2022, 56, 4437-4446. | 10.0 | 30 |
| 7 | Optimization of Iron Removal in the Recovery of Rare-Earth Elements from Coal Fly Ash Using a Recyclable Ionic Liquid. Environmental Science & Technology, 2022, 56, 5150-5160. | 10.0 | 5 |
| 8 | Fast coupling and detoxification of aqueous halobenzoquinones by extracellular nucleophiles: The relationship among structures, pathways and toxicity. Chemical Engineering Journal, 2022, 438, 135525. | 12.7 | 5 |
| 9 | A review on treatment of disinfection byproduct precursors by biological activated carbon process. Chinese Chemical Letters, 2022, 33, 4495-4504. | 9.0 | 23 |
| 10 | Unexpected Role of Nitrite in Promoting Transformation of Sulfonamide Antibiotics by Peracetic Acid: Reactive Nitrogen Species Contribution and Harmful Disinfection Byproduct Formation Potential. Environmental Science & Technology, 2022, 56, 1300-1309. | 10.0 | 33 |
| 11 | Reactive High-Valent Iron Intermediates in Enhancing Treatment of Water by Ferrate. Environmental Science & Technology, 2022, 56, 30-47. | 10.0 | 63 |
| 12 | Capillary-Assisted Fabrication of Thin-Film Nanocomposite Membranes for Improved Soluteâ€“Solute Separation. Environmental Science & Technology, 2022, 56, 5849-5859. | 10.0 | 20 |
| 13 | Overlooked Role of Chromium(V) and Chromium(IV) in Chromium Redox Reactions of Environmental Importance. ACS ES&T Water, 2022, 2, 932-942. | 4.6 | 13 |
| 14 | Sequential Application of Peracetic Acid and UV Irradiation (PAAâ€“UV/PAA) for Improved Bacterial Inactivation in Fresh-Cut Produce Wash Water. ACS ES&T Water, 2022, 2, 1247-1253. | 4.6 | 5 |
| 15 | Interaction of peracetic acid with chromium(III): Understanding degradation of coexisting organic pollutants in water. Journal of Hazardous Materials, 2022, 438, 129537. | 12.4 | 9 |
| 16 | Reactivity of Peracetic Acid with Organic Compounds: A Critical Review. ACS ES&T Water, 2021, 1, 15-33. | 4.6 | 124 |
| 17 | Peracetic acid-based advanced oxidation processes for decontamination and disinfection of water: A review. Water Research, 2021, 188, 116479. | 11.3 | 284 |
| 18 | Simultaneous and precise recovery of lithium and boron from salt lake brine by capacitive deionization with oxygen vacancy-rich CoP/Co3O4-graphene aerogel. Chemical Engineering Journal, 2021, 420, 127661. | 12.7 | 24 |

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|---|---|---|---|
| 19 | Tetracycline inhibition and transformation in microbial fuel cell systems: Performance, transformation intermediates, and microbial community structure. Bioresource Technology, 2021, 322, 124534. | 9.6 | 38 |
| 20 | Effect of Metal Ions on Oxidation of Micropollutants by Ferrate(VI): Enhancing Role of Fe<sup>IV</sup> Species. Environmental Science & Technology, 2021, 55, 623-633. | 10.0 | 84 |
| 21 | Ferrate(VI) Oxidation of Pharmaceuticals in Hydrolyzed Urine: Enhancement by Creatinine and the Role of Fe(IV). ACS ES&T Water, 2021, 1, 969-979. | 4.6 | 38 |
| 22 | Mass transport release of heavy metal oxyanions from solidified/stabilized co-disposed flue gas desulfurization brine and coal fly ash monoliths. Environmental Science and Pollution Research, 2021, 28, 29945-29957. | 5.3 | 2 |
| 23 | Revelation of Fe(V)/Fe(IV) Involvement in the Fe(VI)â€“ABTS System: Kinetic Modeling and Product Analysis. Environmental Science & Technology, 2021, 55, 3976-3987. | 10.0 | 28 |
| 24 | Interfacial Solar Distillation for Freshwater Production: Fate of Volatile and Semivolatile Organic Contaminants. Environmental Science & Technology, 2021, 55, 6248-6256. | 10.0 | 37 |
| 25 | Preferential Recovery of Rare-Earth Elements from Coal Fly Ash Using a Recyclable Ionic Liquid. Environmental Science & Technology, 2021, 55, 9209-9220. | 10.0 | 32 |
| 26 | Peracetic Acidâ€“Ruthenium(III) Oxidation Process for the Degradation of Micropollutants in Water. Environmental Science & Technology, 2021, 55, 9150-9160. | 10.0 | 85 |
| 27 | Generation of Iron(IV) in the Oxidation of Amines by Ferrate(VI): Theoretical Insight and Implications in Oxidizing Pharmaceuticals. ACS ES&T Water, 2021, 1, 1932-1940. | 4.6 | 11 |
| 28 | Abiotic transformation and ecotoxicity change of sulfonamide antibiotics in environmental and water treatment processes: A critical review. Water Research, 2021, 202, 117463. | 11.3 | 81 |
| 29 | Pilot testing of direct and indirect potable water reuse using multi-stage ozone-biofiltration without reverse osmosis. Water Research, 2020, 169, 115178. | 11.3 | 30 |
| 30 | Solidification/stabilization of flue gas desulfurization brine and coal fly ash for heavy metals and chloride immobilization: Effects of S/S conditions and zero-valent-iron pretreatment. Journal of Hazardous Materials, 2020, 384, 121463. | 12.4 | 18 |
| 31 | Synergistic activation of peroxydisulfate with magnetite and copper ion at neutral condition. Water Research, 2020, 186, 116371. | 11.3 | 16 |
| 32 | Anaerobic Dehalogenation by Reduced Aqueous Biochars. Environmental Science & Technology, 2020, 54, 15142-15150. | 10.0 | 11 |
| 33 | Modeling the Kinetics of UV/Peracetic Acid Advanced Oxidation Process. Environmental Science & Technology, 2020, 54, 7579-7590. | 10.0 | 131 |
| 34 | Simultaneous quantification of peracetic acid and hydrogen peroxide in different water matrices using HPLC-UV. Chemosphere, 2020, 257, 127229. | 8.2 | 23 |
| 35 | Cobalt/Peracetic Acid: Advanced Oxidation of Aromatic Organic Compounds by Acetylperoxyl Radicals. Environmental Science & Technology, 2020, 54, 5268-5278. | 10.0 | 200 |
| 36 | Significant Effect of Evaporation Process on the Reaction of Sulfamethoxazole with Manganese Oxide. Environmental Science & Technology, 2020, 54, 4856-4864. | 10.0 | 17 |

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| 37 | Inactivation of Bacteria by Peracetic Acid Combined with Ultraviolet Irradiation: Mechanism and Optimization. Environmental Science & Technology, 2020, 54, 9652-9661. | 10.0 | 60 |
| 38 | Revelation of ferrate(VI) unimolecular decay under alkaline conditions: Investigation of involvement of Fe(IV) and Fe(V) species. Chemical Engineering Journal, 2020, 388, 124134. | 12.7 | 40 |
| 39 | Elucidating sulfate radical-mediated disinfection profiles and mechanisms of Escherichia coli and Enterococcus faecalis in municipal wastewater. Water Research, 2020, 173, 115552. | 11.3 | 63 |
| 40 | Enhanced ferrate(VI) oxidation of micropollutants in water by carbonaceous materials: Elucidating surface functionality. Chemical Engineering Journal, 2020, 398, 125607. | 12.7 | 60 |
| 41 | Advanced Oxidation Process with Peracetic Acid and Fe(II) for Contaminant Degradation. Environmental Science & Technology, 2019, 53, 13312-13322. | 10.0 | 294 |
| 42 | Complexation Enhances Cu(II)-Activated Peroxydisulfate: A Novel Activation Mechanism and Cu(III) Contribution. Environmental Science & Technology, 2019, 53, 11774-11782. | 10.0 | 119 |
| 43 | Silver Nanowire-Modified Filter with Controllable Silver Ion Release for Point-of-Use Disinfection. Environmental Science & Technology, 2019, 53, 7504-7512. | 10.0 | 26 |
| 44 | Analytical methods for conventional and emerging disinfection by-products in fresh-cut produce. Food Chemistry, 2019, 291, 30-37. | 8.2 | 13 |
| 45 | Removal of heavy metals by aged zero-valent iron from flue-gas-desulfurization brine under high salt and temperature conditions. Journal of Hazardous Materials, 2019, 373, 572-579. | 12.4 | 21 |
| 46 | Hydrophobic sorption behaviors of 17Î²-Estradiol on environmental microplastics. Chemosphere, 2019, 226, 726-735. | 8.2 | 148 |
| 47 | Oxidation of Pharmaceuticals by Ferrate(VI) in Hydrolyzed Urine: Effects of Major Inorganic Constituents. Environmental Science & Technology, 2019, 53, 5272-5281. | 10.0 | 109 |
| 48 | Oxidation of Sulfonamide Antibiotics of Six-Membered Heterocyclic Moiety by Ferrate(VI): Kinetics and Mechanistic Insight into SO<sub>2</sub> Extrusion. Environmental Science & Technology, 2019, 53, 2695-2704. | 10.0 | 95 |
| 49 | Effect of environmental factors on the oxidative transformation of cephalosporin antibiotics by manganese dioxides. Environmental Sciences: Processes and Impacts, 2019, 21, 692-700. | 3.5 | 9 |
| 50 | Removal of pharmaceuticals and personal care products by two-stage biofiltration for drinking water treatment. Science of the Total Environment, 2019, 664, 240-248. | 8.0 | 63 |
| 51 | Formation of disinfection byproducts in wash water and lettuce by washing with sodium hypochlorite and peracetic acid sanitizers. Food Chemistry: X, 2019, 1, 100003. | 4.3 | 54 |
| 52 | Selective Transformation of Î²-Lactam Antibiotics by Peroxymonosulfate: Reaction Kinetics and Nonradical Mechanism. Environmental Science & Technology, 2018, 52, 1461-1470. | 10.0 | 143 |
| 53 | Analysis of 40 conventional and emerging disinfection by-products in fresh-cut produce wash water by modified EPA methods. Food Chemistry, 2018, 256, 319-326. | 8.2 | 25 |
| 54 | Application of nanotechnologies for removing pharmaceutically active compounds from water: development and future trends. Environmental Science: Nano, 2018, 5, 27-47. | 4.3 | 211 |

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| 55 | Oxidation of amino acids by peracetic acid: Reaction kinetics, pathways and theoretical calculations. Water Research X, 2018, 1, 100002. | 6.1 | 75 |
| 56 | Rapid Disinfection by Peracetic Acid Combined with UV Irradiation. Environmental Science and Technology Letters, 2018, 5, 400-404. | 8.7 | 58 |
| 57 | Substructure Reactivity Affecting the Manganese Dioxide Oxidation of Cephalosporins. Environmental Science & Technology, 2018, 52, 9188-9195. | 10.0 | 29 |
| 58 | PPCP Degradation by Chlorineâ€“UV Processes in Ammoniacal Water: New Reaction Insights, Kinetic Modeling, and DBP Formation. Environmental Science & Technology, 2018, 52, 7833-7841. | 10.0 | 80 |
| 59 | Quantification of hazardous pollutants in biological systems. , 2018, , 069-122. | | 0 |
| 60 | Long-term broiler litter amendments can alter the soilâ€™s capacity to sorb monensin. Environmental Science and Pollution Research, 2017, 24, 13466-13473. | 5.3 | 5 |
| 61 | Oxidation of Î²-lactam antibiotics by peracetic acid: Reaction kinetics, product and pathway evaluation. Water Research, 2017, 123, 153-161. | 11.3 | 133 |
| 62 | Sorption of Se(IV) and Se(VI) to coal fly ash/cement composite: Effect of Ca2+ and high ionic strength. Chemical Geology, 2017, 464, 76-83. | 3.3 | 20 |
| 63 | Sources of pharmaceuticals and personal care products in swimming pools. Journal of Water and Health, 2017, 15, 829-833. | 2.6 | 20 |
| 64 | UV/Peracetic Acid for Degradation of Pharmaceuticals and Reactive Species Evaluation. Environmental Science & Technology, 2017, 51, 14217-14224. | 10.0 | 274 |
| 65 | Removal of disinfection byproduct (DBP) precursors in water by two-stage biofiltration treatment. Water Research, 2017, 123, 224-235. | 11.3 | 79 |
| 66 | Pilot investigation of two-stage biofiltration for removal of natural organic matter in drinking water treatment. Chemosphere, 2017, 166, 311-322. | 8.2 | 55 |
| 67 | pH effect on the formation of THM and HAA disinfection byproducts and potential control strategies for food processing. Journal of Integrative Agriculture, 2017, 16, 2914-2923. | 3.5 | 41 |
| 68 | Transformation of halobenzoquinones with the presence of amino acids in water: Products, pathways and toxicity. Water Research, 2017, 122, 299-307. | 11.3 | 36 |
| 69 | Kinetics and modeling of sulfonamide antibiotic degradation in wastewater and human urine by UV/H 2 O 2 and UV/PDS. Water Research, 2016, 103, 283-292. | 11.3 | 164 |
| 70 | Estimation of environmentally relevant chemical properties of veterinary ionophore antibiotics. Environmental Science and Pollution Research, 2016, 23, 18353-18361. | 5.3 | 8 |
| 71 | Degradation of DEET and Caffeine under UV/Chlorine and Simulated Sunlight/Chlorine Conditions. Environmental Science & Technology, 2016, 50, 13265-13273. | 10.0 | 192 |
| 72 | Multiple Roles of Cu(II) in Catalyzing Hydrolysis and Oxidation of Î²-Lactam Antibiotics. Environmental Science & Technology, 2016, 50, 12156-12165. | 10.0 | 62 |

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| 73 | Occurrence and fate of pharmaceuticals in WWTPs in India and comparison with a similar study in the United States. Chemosphere, 2016, 159, 526-535. | 8.2 | 180 |
| 74 | Immobilization of Heavy Metals by Solidification/Stabilization of Co-Disposed Flue Gas Desulfurization Brine and Coal Fly Ash. Energy & Fuels, 2016, 30, 5042-5051. | 5.1 | 34 |
| 75 | Transformation of Tetracycline Antibiotics and Fe(II) and Fe(III) Species Induced by Their Complexation. Environmental Science & Technology, 2016, 50, 145-153. | 10.0 | 145 |
| 76 | Inactivation of Escherichia coli, Bacteriophage MS2, and Bacillus Spores under UV/H<sub>2</sub>O<sub>2</sub> and UV/Peroxydisulfate Advanced Disinfection Conditions. Environmental Science & Technology, 2016, 50, 4448-4458. | 10.0 | 194 |
| 77 | UV/H<sub>2</sub>O<sub>2</sub> and UV/PDS Treatment of Trimethoprim and Sulfamethoxazole in Synthetic Human Urine: Transformation Products and Toxicity. Environmental Science & Technology, 2016, 50, 2573-2583. | 10.0 | 181 |
| 78 | Effects of combined UV and chlorine treatment on chloroform formation from triclosan. Chemosphere, 2016, 150, 715-722. | 8.2 | 41 |
| 79 | Perfluorooctanoic Acid Degradation Using UVâ€“Persulfate Process: Modeling of the Degradation and Chlorate Formation. Environmental Science & Technology, 2016, 50, 772-781. | 10.0 | 294 |
| 80 | Fabrication and characterization of Fe/Ni nanoparticles supported by polystyrene resin for trichloroethylene degradation. Chemical Engineering Journal, 2016, 283, 730-739. | 12.7 | 40 |
| 81 | Transformation, products, and pathways of chlorophenols via electro-enzymatic catalysis: How to control toxic intermediate products. Chemosphere, 2016, 144, 1674-1681. | 8.2 | 16 |
| 82 | Alum and Rainfall Effects on Ionophores in Runoff from Surface-Applied Broiler Litter. Journal of Environmental Quality, 2015, 44, 1657-1666. | 2.0 | 4 |
| 83 | Oxidative Transformation of Controlled Substances by Manganese Dioxide. Scientific World Journal, The, 2015, 2015, 1-9. | 2.1 | 2 |
| 84 | Stacking Time and Aluminum Sulfate Effects on Polyether Ionophores in Broiler Litter. Journal of Environmental Quality, 2015, 44, 1923-1929. | 2.0 | 5 |
| 85 | Degradation of Pharmaceuticals and Metabolite in Synthetic Human Urine by UV, UV/H<sub>2</sub>O<sub>2</sub>, and UV/PDS. Environmental Science & Technology, 2015, 49, 3056-3066. | 10.0 | 397 |
| 86 | Rejection and adsorption of trace pharmaceuticals by coating a forward osmosis membrane with TiO 2. Chemical Engineering Journal, 2015, 279, 904-911. | 12.7 | 67 |
| 87 | Evaluation of disinfection by-product formation potential (DBPFP) during chlorination of two algae species â€” Blue-green Microcystis aeruginosa and diatom Cyclotella meneghiniana. Science of the Total Environment, 2015, 532, 540-547. | 8.0 | 55 |
| 88 | Cu(II)â€“Catalyzed Transformation of Benzylpenicillin Revisited: The Overlooked Oxidation. Environmental Science & Technology, 2015, 49, 4218-4225. | 10.0 | 56 |
| 89 | Effects of octahedral molecular sieve on treatment performance, microbial metabolism, and microbial community in expanded granular sludge bed reactor. Water Research, 2015, 87, 127-136. | 11.3 | 57 |
| 90 | Ion-exchange selectivity of diclofenac, ibuprofen, ketoprofen, and naproxen in ureolyzed human urine. Water Research, 2015, 68, 510-521. | 11.3 | 64 |

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| 91 | Oxidation of tetracycline antibiotics induced by Fe(III) ions without light irradiation. Chemosphere, 2015, 119, 1255-1261. | 8.2 | 100 |
| 92 | N-nitrosodimethylamine (NDMA) formation potential of amine-based water treatment polymers: Effects of in situ chloramination, breakpoint chlorination, and pre-oxidation. Journal of Hazardous Materials, 2015, 282, 133-140. | 12.4 | 66 |
| 93 | Inhibition and Biotransformation Potential of Veterinary Ionophore Antibiotics under Different Redox Conditions. Environmental Science & Technology, 2014, 48, 13146-13154. | 10.0 | 12 |
| 94 | Effects of Combined UV and Chlorine Treatment on the Formation of Trichloronitromethane from Amine Precursors. Environmental Science & Technology, 2014, 48, 2697-2705. | 10.0 | 89 |
| 95 | The Presence of Pharmaceuticals and Personal Care Products in Swimming Pools. Environmental Science and Technology Letters, 2014, 1, 495-498. | 8.7 | 52 |
| 96 | Photodegradation of Veterinary Ionophore Antibiotics under UV and Solar Irradiation. Environmental Science & Technology, 2014, 48, 13188-13196. | 10.0 | 52 |
| 97 | Biodegradation of Veterinary Ionophore Antibiotics in Broiler Litter and Soil Microcosms. Environmental Science & Technology, 2014, 48, 2724-2731. | 10.0 | 43 |
| 98 | Year-long evaluation on the occurrence and fate ofÂpharmaceuticals, personal care products, andÂendocrine disrupting chemicals in an urban drinking water treatment plant. Water Research, 2014, 51, 266-276. | 11.3 | 345 |
| 99 | Kinetics and Modeling of Degradation of Ionophore Antibiotics by UV and UV/H<sub>2</sub>O<sub>2</sub>. Environmental Science & Technology, 2013, 47, 4581-4589. | 10.0 | 111 |
| 100 | Oxidation of dithiocarbamates to yield N-nitrosamines by water disinfection oxidants. Water Research, 2013, 47, 725-736. | 11.3 | 49 |
| 101 | Detection and quantification of ionophore antibiotics in runoff, soil and poultry litter. Journal of Chromatography A, 2013, 1312, 10-17. | 3.7 | 46 |
| 102 | Acid-Catalyzed Transformation of Ionophore Veterinary Antibiotics: Reaction Mechanism and Product Implications. Environmental Science & Technology, 2013, 47, 6781-6789. | 10.0 | 18 |
| 103 | Catalytic Impact of Activated Carbon on the Formation of Nitrosamines from Different Amine Precursors. ACS Symposium Series, 2013, , 79-100. | 0.5 | 3 |
| 104 | Occurrence and Removal of PPCPs in Urban Wastewater. Proceedings of the Water Environment Federation, 2012, 2012, 3863-3878. | 0.0 | 3 |
| 105 | Surface adsorption of organoarsenic roxarsone and arsanilic acid on iron and aluminum oxides. Journal of Hazardous Materials, 2012, 227-228, 378-385. | 12.4 | 126 |
| 106 | Oxidation of Antibiotic Agent Trimethoprim by Chlorine Dioxide: Reaction Kinetics and Pathways. Journal of Environmental Engineering, ASCE, 2012, 138, 360-366. | 1.4 | 14 |
| 107 | Mechanisms of antibiotic removal by nanofiltration membranes: Model development and application. Journal of Membrane Science, 2012, 389, 234-244. | 8.2 | 49 |
| 108 | PolyDADMAC and Dimethylamine as Precursors of N-Nitrosodimethylamine during Ozonation: Reaction Kinetics and Mechanisms. Environmental Science & Technology, 2011, 45, 4353-4359. | 10.0 | 116 |

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| 109 | N-Nitrosamines Formation from Secondary Amines by Nitrogen Fixation on the Surface of Activated Carbon. Environmental Science & Technology, 2011, 45, 8368-8376. | 10.0 | 46 |
| 110 | Biotransformation of Nitrosamines and Precursor Secondary Amines under Methanogenic Conditions. Environmental Science & Technology, 2011, 45, 8290-8297. | 10.0 | 22 |
| 111 | Reactions of tetracycline antibiotics with chlorine dioxide and free chlorine. Water Research, 2011, 45, 1838-1846. | 11.3 | 150 |
| 112 | Tertiary amines enhance reactions of organic contaminants with aqueous chlorine. Water Research, 2011, 45, 6087-6096. | 11.3 | 22 |
| 113 | Transformation kinetics and pathways of tetracycline antibiotics with manganese oxide. Environmental Pollution, 2011, 159, 1092-1100. | 7.5 | 145 |
| 114 | Unexpected Role of Activated Carbon in Promoting Transformation of Secondary Amines to N-Nitrosamines. Environmental Science & Technology, 2010, 44, 4161-4168. | 10.0 | 66 |
| 115 | Oxidation of fluoroquinolone antibiotics and structurally related amines by chlorine dioxide: Reaction kinetics, product and pathway evaluation. Water Research, 2010, 44, 5989-5998. | 11.3 | 187 |
| 116 | Adsorption and transformation of tetracycline antibiotics with aluminum oxide. Chemosphere, 2010, 79, 779-785. | 8.2 | 206 |
| 117 | Potential N-nitrosodimethylamine (NDMA) formation from amine-based water treatment polymers in the reactions with chlorine-based oxidants and nitrosifying agents. Water Science and Technology: Water Supply, 2009, 9, 279-288. | 2.1 | 12 |
| 118 | Removal of N-Nitrosamines and Their Precursors by Nanofiltration and Reverse Osmosis Membranes. Journal of Environmental Engineering, ASCE, 2009, 135, 788-795. | 1.4 | 60 |
| 119 | Degradation of Amine-Based Water Treatment Polymers during Chloramination as N-Nitrosodimethylamine (NDMA) Precursors. Environmental Science & Technology, 2009, 43, 1360-1366. | 10.0 | 140 |
| 120 | Occurrence and Fate of Nitrosamines and Their Precursors in Municipal Sludge and Anaerobic Digestion Systems. Environmental Science & Technology, 2009, 43, 3087-3093. | 10.0 | 66 |
| 121 | Delineating Oxidative Processes of Aqueous C<sub>60</sub> Preparations: Role of THF Peroxide. Environmental Science & Technology, 2009, 43, 108-113. | 10.0 | 56 |
| 122 | Transformation of Tetracyclines Mediated by Mn(II) and Cu(II) Ions in the Presence of Oxygen. Environmental Science & Technology, 2009, 43, 401-407. | 10.0 | 136 |
| 123 | Biotransformation of Nitrosamines and Secondary Amines in a Mixed Methanogenic Culture. Proceedings of the Water Environment Federation, 2009, 2009, 558-567. | 0.0 | 1 |
| 124 | Adsorption, desorption, and steady-state removal of 17Î²-estradiol by nanofiltration membranes. Journal of Membrane Science, 2008, 319, 38-43. | 8.2 | 62 |
| 125 | Kinetic Modeling of Oxidation of Antibacterial Agents by Manganese Oxide. Environmental Science & Technology, 2008, 42, 5548-5554. | 10.0 | 182 |
| 126 | Aqueous chlorination of the antibacterial agent trimethoprim: Reaction kinetics and pathways. Water Research, 2007, 41, 647-655. | 11.3 | 138 |

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| 127 | Adsorption and oxidation of fluoroquinolone antibacterial agents and structurally related amines with goethite. Chemosphere, 2007, 66, 1502-1512. | 8.2 | 165 |
| 128 | Rapid Hydrolysis of Organophosphorous Esters Induced by Nanostructured, Fluorine-Doped Titania Replicas of Diatom Frustules. Journal of the American Ceramic Society, 2007, 90, 1632-1636. | 3.8 | 47 |
| 129 | Reaction and Transformation of Antibacterial Agents with Aqueous Chlorine under Relevant Water Treatment Conditions. , 2007, , 261-289. | | 0 |
| 130 | Reaction Kinetics and Transformation of Carbadox and Structurally Related Compounds with Aqueous Chlorine. Environmental Science & Technology, 2006, 40, 7228-7235. | 10.0 | 29 |
| 131 | Oxidative Transformation of Fluoroquinolone Antibacterial Agents and Structurally Related Amines by Manganese Oxide. Environmental Science & Technology, 2005, 39, 4474-4483. | 10.0 | 292 |
| 132 | Interactions of Fluoroquinolone Antibacterial Agents with Aqueous Chlorine:Â Reaction Kinetics, Mechanisms, and Transformation Pathways. Environmental Science & Technology, 2005, 39, 7065-7076. | 10.0 | 235 |
| 133 | Reactivity and Transformation of Antibacterial N-Oxides in the Presence of Manganese Oxide. Environmental Science & Technology, 2005, 39, 593-601. | 10.0 | 84 |
| 134 | Simultaneous determination of fluoroquinolone, sulfonamide, and trimethoprim antibiotics in wastewater using tandem solid phase extraction and liquid chromatographyâ€“electrospray mass spectrometry. Journal of Chromatography A, 2004, 1042, 113-121. | 3.7 | 302 |
| 135 | Transformation of the Antibacterial Agent Sulfamethoxazole in Reactions with Chlorine:Â Kinetics, Mechanisms, and Pathways. Environmental Science & Technology, 2004, 38, 5607-5615. | 10.0 | 294 |
| 136 | Oxidative Transformation of Triclosan and Chlorophene by Manganese Oxides. Environmental Science & Technology, 2003, 37, 2421-2430. | 10.0 | 333 |
| 137 | Transformation of the Plant Growth Regulator Daminozide (Alar) and Structurally Related Compounds with CuII Ions:â€‰ Oxidation versus Hydrolysis. Environmental Science & Technology, 2003, 37, 1829-1837. | 10.0 | 21 |
| 138 | Analysis of estrogenic hormones in municipal wastewater effluent and surface water using enzymeâ€linked immunosorbent assay and gas chromatography/tandem mass spectrometry. Environmental Toxicology and Chemistry, 2001, 20, 133-139. | 4.3 | 357 |
| 139 | ANALYSIS OF ESTROGENIC HORMONES IN MUNICIPAL WASTEWATER EFFLUENT AND SURFACE WATER USING ENZYME-LINKED IMMUNOSORBENT ASSAY AND GAS CHROMATOGRAPHY/TANDEM MASS SPECTROMETRY. Environmental Toxicology and Chemistry, 2001, 20, 133. | 4.3 | 16 |
| 140 | Synergistic Catalysis of Dimetilan Hydrolysis by Metal Ions and Organic Ligands. Environmental Science & Technology, 2000, 34, 4117-4122. | 10.0 | 17 |
| 141 | Hydrolysis of Naptalam and Structurally Related Amides:â€‰ Inhibition by Dissolved Metal Ions and Metal (Hydr)Oxide Surfaces. Journal of Agricultural and Food Chemistry, 1999, 47, 4425-4434. | 5.2 | 13 |