Li Ling

List of Publications by Year
in descending order

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Version: 2024-02-01

31	1,199	448610	488211
papers	citations	19 h-index	31 g-index

32	32	32	1391
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visible light-driven g-C3N4 peroxymonosulfate activation process for carbamazepine degradation: Activation mechanism and matrix effects. Chemosphere, 2022, 286, 131906.	4.2	22
2	Dosing low-level ferrous iron in coagulation enhances the removal of micropollutants, chlorite and chlorate during advanced water treatment. Journal of Environmental Sciences, 2022, 117, 119-128.	3.2	9
3	Effects of operating conditions on disinfection by-product formation, calculated toxicity, and changes in organic matter structures during seawater chlorination. Water Research, 2022, 220, 118631.	5.3	2
4	Evanescent wave interactions with nanoparticles on optical fiber modulate side emission of germicidal ultraviolet light. Environmental Science: Nano, 2021, 8, 2441-2452.	2.2	10
5	New Insights into Micropollutant Abatement in Ammonia-Containing Water by the UV/Breakpoint Chlorination Process. ACS ES&T Water, 2021, 1, 1025-1034.	2.3	10
6	Evanescent waves modulate energy efficiency of photocatalysis within TiO2 coated optical fibers illuminated using LEDs. Nature Communications, 2021, 12, 4101.	5.8	28
7	Near-Ultraviolet Light-Driven Photocatalytic Chlorine Activation Process with Novel Chlorine Activation Mechanisms. ACS ES&T Water, 2021, 1, 2067-2075.	2.3	15
8	Controlling microbial activity on walls by a photocatalytic nanocomposite paint: A field study. American Journal of Infection Control, 2021, , .	1.1	2
9	Bromate control during ozonation by ammonia-chlorine and chlorine-ammonia pretreatment: Roles of bromine-containing haloamines. Chemical Engineering Journal, 2020, 389, 123447.	6.6	17
10	Degradation of aliphatic halogenated contaminants in water by UVA/Cuâ€“TiO2 and UVA/TiO2 photocatalytic processes: Structure-activity relationship and role of reactive species. Chemosphere, 2020, 260, 127644.	4.2	7
11	Novel Visible Light-Driven Photocatalytic Chlorine Activation Process for Carbamazepine Degradation in Drinking Water. Environmental Science & Technology, 2020, 54, 11584-11593.	4.6	79
12	Laser-Engineered Graphene on Wood Enables Efficient Antibacterial, Anti-Salt-Fouling, and Lipophilic-Matter-Rejection Solar Evaporation. ACS Applied Materials & Interfaces, 2020, 12, 51864-51872.	4.0	64
13	Oxidative debromination of 2,2-bis(bromomethyl)-1,3-propanediol by UV/persulfate process and corresponding formation of brominated by-products. Chemosphere, 2019, 228, 735-743.	4.2	19
14	Controlling bromate formation in the Co(II)/peroxymonosulfate process by ammonia, chlorine-ammonia and ammonia-chlorine pretreatment strategies. Water Research, 2018, 139, 220-227.	5.3	30
15	Enhanced photocatalytic reduction of chromium (VI) by Cu-doped TiO 2 under UV-A irradiation. Separation and Purification Technology, 2018, 190, 53-59.	3.9	48
16	The fate of dichloroacetonitrile in UV/Cl₂and UV/H₂O₂processes: implications on potable water reuse. Environmental Science: Water Research and Technology, 2018, 4, 1295-1302.	1.2	23
17	The independent and combined effects of respiratory events and cortical arousals on the autonomic nervous system across sleep stages. Sleep and Breathing, 2018, 22, 1161-1168.	0.9	10
18	A modified method of high molecular weight adsorbable organic chlorine measurement in saline water: Dialysis pretreatment. Science of the Total Environment, 2018, 639, 258-262.	3.9	5

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19	Wavelength-dependent chlorine photolysis and subsequent radical production using UV-LEDs as light sources. Water Research, 2018, 142, 452-458.	5.3	98
20	Chlorate Formation Mechanism in the Presence of Sulfate Radical, Chloride, Bromide and Natural Organic Matter. Environmental Science & Technology, 2018, 52, 6317-6325.	4.6	119
21	Ultraviolet Irradiation of Permanganate Enhanced the Oxidation of Micropollutants by Producing HO^{â€¢} and Reactive Manganese Species. Environmental Science and Technology Letters, 2018, 5, 750-756.	3.9	65
22	Degradation kinetics and pathways of haloacetonitriles by the UV/persulfate process. Chemical Engineering Journal, 2017, 320, 478-484.	6.6	57
23	Defining the molecular properties of N-nitrosodimethylamine (NDMA) precursors using computational chemistry. Environmental Science: Water Research and Technology, 2017, 3, 502-512.	1.2	9
24	Staged total knee arthroplasty for bilateral complex knee deformities from Kashinâ€“Beck disease and skeletal dysplasia. Knee, 2017, 24, 692-698.	0.8	5
25	Coupling Light Emitting Diodes with Photocatalyst-Coated Optical Fibers Improves Quantum Yield of Pollutant Oxidation. Environmental Science & Technology, 2017, 51, 13319-13326.	4.6	39
26	A Fe(II)/citrate/UV/PMS process for carbamazepine degradation at a very low Fe(II)/PMS ratio and neutral pH: The mechanisms. Water Research, 2017, 124, 446-453.	5.3	147
27	A novel Fe(II)/citrate/UV/peroxymonosulfate process for micropollutant degradation: Optimization by response surface methodology and effects of water matrices. Chemosphere, 2017, 184, 417-428.	4.2	24
28	Kinetics and mechanisms of degradation of chloroacetonitriles by the UV/H2O2 process. Water Research, 2016, 99, 209-215.	5.3	25
29	Enhanced photocatalytic activity of TiO2/single-walled carbon nanotube (SWCNT) composites under UV-A irradiation. Separation and Purification Technology, 2016, 169, 273-278.	3.9	34
30	Bromate formation in bromide-containing water through the cobalt-mediated activation of peroxymonosulfate. Water Research, 2015, 83, 132-140.	5.3	103
31	Kinetics and mechanisms of pH-dependent degradation of halonitromethanes by UV photolysis. Water Research, 2013, 47, 1257-1266.	5.3	73