Li Ling

List of Publications by Year
in descending order

31	1,199	394390	434170
papers	citations	19 h-index	31 g-index

32	32	32	1243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	11.3	147
2	Chlorate Formation Mechanism in the Presence of Sulfate Radical, Chloride, Bromide and Natural Organic Matter. Environmental Science & Technology, 2018, 52, 6317-6325.	10.0	119
3	Bromate formation in bromide-containing water through the cobalt-mediated activation of peroxymonosulfate. Water Research, 2015, 83, 132-140.	11.3	103
4	Wavelength-dependent chlorine photolysis and subsequent radical production using UV-LEDs as light sources. Water Research, 2018, 142, 452-458.	11.3	98
5	Novel Visible Light-Driven Photocatalytic Chlorine Activation Process for Carbamazepine Degradation in Drinking Water. Environmental Science & Technology, 2020, 54, 11584-11593.	10.0	79
6	Kinetics and mechanisms of pH-dependent degradation of halonitromethanes by UV photolysis. Water Research, 2013, 47, 1257-1266.	11.3	73
7	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.	8.7	65
8	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.	8.0	64
9	Degradation kinetics and pathways of haloacetonitriles by the UV/persulfate process. Chemical Engineering Journal, 2017, 320, 478-484.	12.7	57
10	Enhanced photocatalytic reduction of chromium (VI) by Cu-doped TiO 2 under UV-A irradiation. Separation and Purification Technology, 2018, 190, 53-59.	7.9	48
11	Coupling Light Emitting Diodes with Photocatalyst-Coated Optical Fibers Improves Quantum Yield of Pollutant Oxidation. Environmental Science & Technology, 2017, 51, 13319-13326.	10.0	39
12	Enhanced photocatalytic activity of TiO2/single-walled carbon nanotube (SWCNT) composites under UV-A irradiation. Separation and Purification Technology, 2016, 169, 273-278.	7.9	34
13	Controlling bromate formation in the Co(II)/peroxymonosulfate process by ammonia, chlorine-ammonia and ammonia-chlorine pretreatment strategies. Water Research, 2018, 139, 220-227.	11.3	30
14	Evanescent waves modulate energy efficiency of photocatalysis within TiO2 coated optical fibers illuminated using LEDs. Nature Communications, 2021, 12, 4101.	12.8	28
15	Kinetics and mechanisms of degradation of chloroacetonitriles by the UV/H2O2 process. Water Research, 2016, 99, 209-215.	11.3	25
16	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.	8.2	24
17	The fate of dichloroacetonitrile in UV/Cl₂and UV/H₂O₂processes: implications on potable water reuse. Environmental Science: Water Research and Technology, 2018, 4, 1295-1302.	2.4	23
18	Visible light-driven g-C3N4 peroxymonosulfate activation process for carbamazepine degradation: Activation mechanism and matrix effects. Chemosphere, 2022, 286, 131906.	8.2	22

#	Article	IF	Citations
19	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.	8.2	19
20	Bromate control during ozonation by ammonia-chlorine and chlorine-ammonia pretreatment: Roles of bromine-containing haloamines. Chemical Engineering Journal, 2020, 389, 123447.	12.7	17
21	Near-Ultraviolet Light-Driven Photocatalytic Chlorine Activation Process with Novel Chlorine Activation Mechanisms. ACS ES&T Water, 2021, 1, 2067-2075.	4.6	15
22	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.	1.7	10
23	Evanescent wave interactions with nanoparticles on optical fiber modulate side emission of germicidal ultraviolet light. Environmental Science: Nano, 2021, 8, 2441-2452.	4.3	10
24	New Insights into Micropollutant Abatement in Ammonia-Containing Water by the UV/Breakpoint Chlorination Process. ACS ES&T Water, 2021, 1, 1025-1034.	4.6	10
25	Defining the molecular properties of N-nitrosodimethylamine (NDMA) precursors using computational chemistry. Environmental Science: Water Research and Technology, 2017, 3, 502-512.	2.4	9
26	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.	6.1	9
27	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.	8.2	7
28	Staged total knee arthroplasty for bilateral complex knee deformities from Kashinâ€“Beck disease and skeletal dysplasia. Knee, 2017, 24, 692-698.	1.6	5
29	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.	8.0	5
30	Controlling microbial activity on walls by a photocatalytic nanocomposite paint: A field study. American Journal of Infection Control, 2021, , .	2.3	2
31	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.	11.3	2