Xi-Zhi Niu

List of Publications by Year in Descending Order

22 papers	409 citations	11 h-index	20 g-index
23 ext. papers	534 ext. citations	7.9 avg, IF	3.98 L-index

#	Paper	IF	Citations
22	Analysis of hydrophilic per- and polyfluorinated sulfonates including trifluoromethanesulfonate using solid phase extraction and mixed-mode liquid chromatography-tandem mass spectrometry.. *Journal of Chromatography A*, **2022**, 1664, 462817	4.5	0
21	Fate of bis-(4-tert-butyl phenyl)-iodonium under photolithography relevant irradiation and the environmental risk properties of the formed photoproducts.. *Environmental Science and Pollution Research*, **2022**, 29, 25988	5.1	
20	Photochemical fate of sulfonium photoacid generator cations under photolithography relevant UV irradiation. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 416, 113324	4.7	4
19	The relationship of CCL4, BCL2A1, and NFKBIA genes with premature aging in women of Yin deficiency constitution. *Experimental Gerontology*, **2021**, 149, 111316	4.5	0
18	Bioconcentration potential and microbial toxicity of onium cations in photoacid generators. *Environmental Science and Pollution Research*, **2021**, 28, 8915-8921	5.1	4
17	Comparative Study for Interactions of Sulfate Radical and Hydroxyl Radical with Phenol in the Presence of Nitrite. *Environmental Science & Technology*, **2020**, 54, 8455-8463	10.3	28
16	Photochemical production of hydroxyl radical from algal organic matter. *Water Research*, **2019**, 161, 11-16	12.5	13
15	Sunlight-induced phototransformation of transphilic and hydrophobic fractions of Suwannee River dissolved organic matter. *Science of the Total Environment*, **2019**, 694, 133737	10.2	6
14	Models to predict sunlight-induced photodegradation rates of contaminants in wastewater stabilisation ponds and clarifiers. *Water Science and Engineering*, **2019**, 12, 293-297	4	2
13	Survival of antibiotic resistant bacteria following artificial solar radiation of secondary wastewater effluent. *Science of the Total Environment*, **2018**, 626, 1005-1011	10.2	11
12	Excited Triplet State Interactions of Fluoroquinolone Norfloxacin with Natural Organic Matter: A Laser Spectroscopy Study. *Environmental Science & Technology*, **2018**, 52, 10426-10432	10.3	17
11	Syntrophic effect of indigenous and inoculated microorganisms in the leaching of rare earth elements from Western Australian monazite. *Research in Microbiology*, **2018**, 169, 558-568	4	12
10	Characterisation of dissolved organic matter using Fourier-transform ion cyclotron resonance mass spectrometry: Type-specific unique signatures and implications for reactivity. *Science of the Total Environment*, **2018**, 644, 68-76	10.2	20
9	The characteristics of organic matter influence its interfacial interactions with MnO and catalytic oxidation processes. *Chemosphere*, **2018**, 209, 950-959	8.4	11
8	Interactions of phosphate solubilising microorganisms with natural rare-earth phosphate minerals: a study utilizing Western Australian monazite. *Bioprocess and Biosystems Engineering*, **2017**, 40, 929-942	3.7	25
7	Photodegradation of sulfathiazole under simulated sunlight: Kinetics, photo-induced structural rearrangement, and antimicrobial activities of photoproducts. *Water Research*, **2017**, 124, 576-583	12.5	31
6	Incorporation of Indigenous Microorganisms Increases Leaching Rates of Rare Earth Elements from Western Australian Monazite. *Solid State Phenomena*, **2017**, 262, 294-298	0.4	5

5	The effect of strong magnetic field on the microstructure of pure diopside and diopside doped with Fe 3+ or Mn 2+. *Journal of Alloys and Compounds*, **2016**, 657, 152-156	5.7	0
4	Roles of singlet oxygen and dissolved organic matter in self-sensitized photo-oxidation of antibiotic norfloxacin under sunlight irradiation. *Water Research*, **2016**, 106, 214-222	12.5	71
3	Photobleaching-induced changes in photosensitizing properties of dissolved organic matter. *Water Research*, **2014**, 66, 140-148	12.5	39
2	Roles of singlet oxygen and triplet excited state of dissolved organic matter formed by different organic matters in bacteriophage MS2 inactivation. *Water Research*, **2013**, 47, 4869-79	12.5	81
1	Sunlight-induced inactivation of human Wa and porcine OSU rotaviruses in the presence of exogenous photosensitizers. *Environmental Science & Technology*, **2013**, 47, 11004-12	10.3	29