Xun-An Ning

List of Publications by Citations

46	1,061	21	31
papers	citations	h-index	g-index
48	1,366	8.5	4.65
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
46	Levels, composition profiles and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in sludge from ten textile dyeing plants. *Environmental Research*, **2014**, 132, 112-8	7.9	85
45	Investigation of co-combustion characteristics of sewage sludge and coffee grounds mixtures using thermogravimetric analysis coupled to artificial neural networks modeling. *Bioresource Technology*, **2017**, 225, 234-245	11	82
44	Peptide-induced super-assembly of biocatalytic metal-organic frameworks for programmed enzyme cascades. *Chemical Science*, **2019**, 10, 7852-7858	9.4	53
43	Elimination and ecotoxicity evaluation of phthalic acid esters from textile-dyeing wastewater. *Environmental Pollution*, **2017**, 231, 115-122	9.3	53
42	Impact of surfactant type for ionic liquid pretreatment on enhancing delignification of rice straw. *Bioresource Technology*, **2017**, 227, 388-392	11	49
41	Degradation of polycyclic aromatic hydrocarbons (PAHs) in textile dyeing sludge with ultrasound and Fenton processes: Effect of system parameters and synergistic effect study. *Journal of Hazardous Materials*, **2016**, 307, 7-16	12.8	48
40	Toxicity evaluation of textile dyeing effluent and its possible relationship with chemical oxygen demand. *Ecotoxicology and Environmental Safety*, **2018**, 166, 56-62	7	44
39	Decolorization and biodegradation of the Congo red by Acinetobacter baumannii YNWH 226 and its polymer production with flocculation and dewatering potential. *Bioresource Technology*, **2015**, 194, 233-9	11	38
38	Sludge treatment by integrated ultrasound-Fenton process: Characterization of sludge organic matter and its impact on PAHs removal. *Journal of Hazardous Materials*, **2018**, 343, 191-199	12.8	38
37	Synergistic effects of surfactant-assisted ionic liquid pretreatment rice straw. *Bioresource Technology*, **2016**, 214, 371-375	11	37
36	Degradation of aromatic amines in textile-dyeing sludge by combining the ultrasound technique with potassium permanganate treatment. *Journal of Hazardous Materials*, **2016**, 314, 1-10	12.8	35
35	Aromatic amine contents, component distributions and risk assessment in sludge from 10 textile-dyeing plants. *Chemosphere*, **2015**, 134, 367-73	8.4	32
34	Removal of polycyclic aromatic hydrocarbons (PAHs) from textile dyeing sludge by ultrasound combined zero-valent iron/EDTA/Air system. *Chemosphere*, **2018**, 191, 839-847	8.4	30
33	Effects of sulfur on lead partitioning during sludge incineration based on experiments and thermodynamic calculations. *Waste Management*, **2015**, 38, 336-48	8.6	28
32	Nitrogen-rich microporous carbon materials for high-performance membrane capacitive deionization. *Electrochimica Acta*, **2019**, 312, 251-262	6.7	26
31	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. *Journal of Environmental Management*, **2015**, 161, 181-187	7.9	25
30	Comparison of the Fe/HO and Fe/PMS systems in simulated sludge: Removal of PAHs, migration of elements and formation of chlorination by-products. *Journal of Hazardous Materials*, **2020**, 398, 122826	12.8	25

29	Algal toxicity induced by effluents from textile-dyeing wastewater treatment plants. *Journal of Environmental Sciences*, **2020**, 91, 199-208	6.4	24
28	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. *Chemosphere*, **2019**, 221, 21-29	8.4	23
27	Fate of volatile aromatic hydrocarbons in the wastewater from six textile dyeing wastewater treatment plants. *Chemosphere*, **2015**, 136, 50-5	8.4	21
26	Decolorization and biodegradation of the azo dye Congo red by an isolated Acinetobacter baumannii YNWH 226. *Biotechnology and Bioprocess Engineering*, **2014**, 19, 687-695	3.1	21
25	The agricultural use potential of the detoxified textile dyeing sludge by integrated Ultrasound/Fenton-like process: A comparative study. *Ecotoxicology and Environmental Safety*, **2019**, 172, 26-32	7	19
24	Chlorobenzene levels, component distribution, and ambient severity in wastewater from five textile dyeing wastewater treatment plants. *Ecotoxicology and Environmental Safety*, **2020**, 193, 110257	7	19
23	Covalent triazine-based frameworks as electrodes for high-performance membrane capacitive deionization. *Electrochimica Acta*, **2019**, 296, 327-334	6.7	19
22	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. *Chemosphere*, **2018**, 196, 377-385	8.4	16
21	Effect of sintering temperature on mineral composition and heavy metals mobility in tailings bricks. *Waste Management*, **2019**, 93, 112-121	8.6	15
20	Ion-exchange polymers modified bacterial cellulose electrodes for the selective removal of nitrite ions from tail water of dyeing wastewater. *Journal of Environmental Sciences*, **2020**, 91, 62-72	6.4	15
19	Chlorophenols in textile dyeing sludge: Pollution characteristics and environmental risk control. *Journal of Hazardous Materials*, **2021**, 416, 125721	12.8	14
18	Transformation of hazardous lead into lead ferrite ceramics: Crystal structures and their role in lead leaching. *Journal of Hazardous Materials*, **2017**, 336, 139-145	12.8	12
17	Effect of K2FeO4/US treatment on textile dyeing sludge disintegration and dewaterability. *Journal of Environmental Management*, **2015**, 162, 81-6	7.9	12
16	Simultaneous reduction of antibiotics and antibiotic resistance genes in pig manure using a composting process with a novel microbial agent. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111724	7	12
15	Solar Photothermal Electrodes for Highly Efficient Microbial Energy Harvesting at Low Ambient Temperatures. *ChemSusChem*, **2018**, 11, 4071-4076	8.3	11
14	Combined ultrasound with Fenton treatment for the degradation of carcinogenic polycyclic aromatic hydrocarbons in textile dying sludge. *Environmental Geochemistry and Health*, **2018**, 40, 1867-1876	4.7	10
13	Treatment of a simulated sludge by ultrasonic zero-valent iron/EDTA/Air process: Interferences of inorganic salts in polyaromatic hydrocarbon removal. *Waste Management*, **2019**, 85, 548-556	8.6	9
12	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. *Chemosphere*, **2018**, 211, 202-209	8.4	9

11	Consequence of replacing nitrogen with carbon dioxide as atmosphere on suppressing the formation of polycyclic aromatic hydrocarbons in catalytic pyrolysis of sawdust. *Bioresource Technology*, **2020**, 297, 122417	11	9
10	Enhanced bioelectricity generation and azo dye treatment in a reversible photo-bioelectrochemical cell by using novel anthraquinone-2,6-disulfonate (AQDS)/MnO-doped polypyrrole film electrodes. *Bioresource Technology*, **2017**, 225, 40-47	11	8
9	Lead extraction from Cathode Ray Tube (CRT) funnel glass: Reaction mechanisms in thermal reduction with addition of carbon (C). *Waste Management*, **2018**, 76, 671-678	8.6	6
8	Nanoarchitectured reduced graphene oxide composite C2N materials as flow electrodes to optimize desalination performance. *Environmental Science: Nano*, **2020**, 7, 1980-1989	7.1	6
7	Treatment of 3,3′-dimethoxybenzidine in sludge by advance oxidation process: Degradation products and toxicity evaluation. *Journal of Environmental Management*, **2019**, 238, 102-109	7.9	5
6	Treatment of simulated textile sludge using the Fenton/Cl system: The roles of chlorine radicals and superoxide anions on PAHs removal. *Environmental Research*, **2021**, 197, 110997	7.9	5
5	Formation of lead ferrites for immobilizing hazardous lead into iron-rich ceramic matrix. *Chemosphere*, **2019**, 214, 239-249	8.4	5
4	Sono-advanced Fenton-like degradation of aromatic amines in textile dyeing sludge: efficiency and mechanisms. *Environmental Science and Pollution Research*, **2019**, 26, 7810-7820	5.1	4
3	Nitrogen-enriched micro-mesoporous carbon derived from polymers organic frameworks for high-performance capacitive deionization.. *Journal of Environmental Sciences*, **2022**, 111, 282-291	6.4	2
2	Redox properties of nano-sized biochar derived from wheat straw biochar.. *RSC Advances*, **2022**, 12, 11039-11046	3.7	2
1	Biomass waste as a clean reductant for iron recovery of iron tailings by magnetization roasting. *Journal of Environmental Management*, **2022**, 317, 115435	7.9	0