

# Xun-An Ning

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46  
papers

1,061  
citations

21  
h-index

31  
g-index

48  
ext. papers

1,366  
ext. citations

8.5  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
46	Nitrogen-enriched micro-mesoporous carbon derived from polymers organic frameworks for high-performance capacitive deionization.. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 111, 282-291	6.4	2
45	Redox properties of nano-sized biochar derived from wheat straw biochar.. <i>RSC Advances</i> , <b>2022</b> , 12, 11039-11046	3.7	11046
44	Biomass waste as a clean reductant for iron recovery of iron tailings by magnetization roasting. <i>Journal of Environmental Management</i> , <b>2022</b> , 317, 115435	7.9	0
43	Treatment of simulated textile sludge using the Fenton/Cl system: The roles of chlorine radicals and superoxide anions on PAHs removal. <i>Environmental Research</i> , <b>2021</b> , 197, 110997	7.9	5
42	Simultaneous reduction of antibiotics and antibiotic resistance genes in pig manure using a composting process with a novel microbial agent. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111724	7	12
41	Chlorophenols in textile dyeing sludge: Pollution characteristics and environmental risk control. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125721	12.8	14
40	Comparison of the Fe/HO and Fe/PMS systems in simulated sludge: Removal of PAHs, migration of elements and formation of chlorination by-products. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 398, 122826	12.8	25
39	Chlorobenzene levels, component distribution, and ambient severity in wastewater from five textile dyeing wastewater treatment plants. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 193, 110257	7	19
38	Algal toxicity induced by effluents from textile-dyeing wastewater treatment plants. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 91, 199-208	6.4	24
37	Ion-exchange polymers modified bacterial cellulose electrodes for the selective removal of nitrite ions from tail water of dyeing wastewater. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 91, 62-72	6.4	15
36	Nanoarchitected reduced graphene oxide composite C2N materials as flow electrodes to optimize desalination performance. <i>Environmental Science: Nano</i> , <b>2020</b> , 7, 1980-1989	7.1	6
35	Consequence of replacing nitrogen with carbon dioxide as atmosphere on suppressing the formation of polycyclic aromatic hydrocarbons in catalytic pyrolysis of sawdust. <i>Bioresource Technology</i> , <b>2020</b> , 297, 122417	11	9
34	Sono-advanced Fenton-like degradation of aromatic amines in textile dyeing sludge: efficiency and mechanisms. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 7810-7820	5.1	4
33	The agricultural use potential of the detoxified textile dyeing sludge by integrated Ultrasound/Fenton-like process: A comparative study. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 172, 26-32	7	19
32	Treatment of a simulated sludge by ultrasonic zero-valent iron/EDTA/Air process: Interferences of inorganic salts in polyaromatic hydrocarbon removal. <i>Waste Management</i> , <b>2019</b> , 85, 548-556	8.6	9
31	Effect of sintering temperature on mineral composition and heavy metals mobility in tailings bricks. <i>Waste Management</i> , <b>2019</b> , 93, 112-121	8.6	15
30	Nitrogen-rich microporous carbon materials for high-performance membrane capacitive deionization. <i>Electrochimica Acta</i> , <b>2019</b> , 312, 251-262	6.7	26

29	Treatment of 3,3'-dimethoxybenzidine in sludge by advance oxidation process: Degradation products and toxicity evaluation. <i>Journal of Environmental Management</i> , <b>2019</b> , 238, 102-109	7.9	5
28	Peptide-induced super-assembly of biocatalytic metal-organic frameworks for programmed enzyme cascades. <i>Chemical Science</i> , <b>2019</b> , 10, 7852-7858	9.4	53
27	Covalent triazine-based frameworks as electrodes for high-performance membrane capacitive deionization. <i>Electrochimica Acta</i> , <b>2019</b> , 296, 327-334	6.7	19
26	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. <i>Chemosphere</i> , <b>2019</b> , 221, 21-29	8.4	23
25	Formation of lead ferrites for immobilizing hazardous lead into iron-rich ceramic matrix. <i>Chemosphere</i> , <b>2019</b> , 214, 239-249	8.4	5
24	Lead extraction from Cathode Ray Tube (CRT) Funnel glass: Reaction mechanisms in thermal reduction with addition of carbon (C). <i>Waste Management</i> , <b>2018</b> , 76, 671-678	8.6	6
23	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. <i>Chemosphere</i> , <b>2018</b> , 196, 377-385	8.4	16
22	Combined ultrasound with Fenton treatment for the degradation of carcinogenic polycyclic aromatic hydrocarbons in textile dyeing sludge. <i>Environmental Geochemistry and Health</i> , <b>2018</b> , 40, 1867-1876	8.7	10
21	Removal of polycyclic aromatic hydrocarbons (PAHs) from textile dyeing sludge by ultrasound combined zero-valent iron/EDTA/Air system. <i>Chemosphere</i> , <b>2018</b> , 191, 839-847	8.4	30
20	Sludge treatment by integrated ultrasound-Fenton process: Characterization of sludge organic matter and its impact on PAHs removal. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 343, 191-199	12.8	38
19	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. <i>Chemosphere</i> , <b>2018</b> , 211, 202-209	8.4	9
18	Solar Photothermal Electrodes for Highly Efficient Microbial Energy Harvesting at Low Ambient Temperatures. <i>ChemSusChem</i> , <b>2018</b> , 11, 4071-4076	8.3	11
17	Toxicity evaluation of textile dyeing effluent and its possible relationship with chemical oxygen demand. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 166, 56-62	7	44
16	Transformation of hazardous lead into lead ferrite ceramics: Crystal structures and their role in lead leaching. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 336, 139-145	12.8	12
15	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. <i>Bioresource Technology</i> , <b>2017</b> , 225, 40-47	11	8
14	Elimination and ecotoxicity evaluation of phthalic acid esters from textile-dyeing wastewater. <i>Environmental Pollution</i> , <b>2017</b> , 231, 115-122	9.3	53
13	Investigation of co-combustion characteristics of sewage sludge and coffee grounds mixtures using thermogravimetric analysis coupled to artificial neural networks modeling. <i>Bioresource Technology</i> , <b>2017</b> , 225, 234-245	11	82
12	Impact of surfactant type for ionic liquid pretreatment on enhancing delignification of rice straw. <i>Bioresource Technology</i> , <b>2017</b> , 227, 388-392	11	49

11	Degradation of polycyclic aromatic hydrocarbons (PAHs) in textile dyeing sludge with ultrasound and Fenton processes: Effect of system parameters and synergistic effect study. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 307, 7-16	12.8	48
10	Synergistic effects of surfactant-assisted ionic liquid pretreatment rice straw. <i>Bioresource Technology</i> , <b>2016</b> , 214, 371-375	11	37
9	Degradation of aromatic amines in textile-dyeing sludge by combining the ultrasound technique with potassium permanganate treatment. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 314, 1-10	12.8	35
8	Effect of K <sub>2</sub> FeO <sub>4</sub> /US treatment on textile dyeing sludge disintegration and dewaterability. <i>Journal of Environmental Management</i> , <b>2015</b> , 162, 81-6	7.9	12
7	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. <i>Journal of Environmental Management</i> , <b>2015</b> , 161, 181-187	7.9	25
6	Decolorization and biodegradation of the Congo red by <i>Acinetobacter baumannii</i> YNWH 226 and its polymer production/flocculation and dewatering potential. <i>Bioresource Technology</i> , <b>2015</b> , 194, 233-9	11	38
5	Effects of sulfur on lead partitioning during sludge incineration based on experiments and thermodynamic calculations. <i>Waste Management</i> , <b>2015</b> , 38, 336-48	8.6	28
4	Fate of volatile aromatic hydrocarbons in the wastewater from six textile dyeing wastewater treatment plants. <i>Chemosphere</i> , <b>2015</b> , 136, 50-5	8.4	21
3	Aromatic amine contents, component distributions and risk assessment in sludge from 10 textile-dyeing plants. <i>Chemosphere</i> , <b>2015</b> , 134, 367-73	8.4	32
2	Levels, composition profiles and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in sludge from ten textile dyeing plants. <i>Environmental Research</i> , <b>2014</b> , 132, 112-8	7.9	85
1	Decolorization and biodegradation of the azo dye Congo red by an isolated <i>Acinetobacter baumannii</i> YNWH 226. <i>Biotechnology and Bioprocess Engineering</i> , <b>2014</b> , 19, 687-695	3.1	21