

# Xun-An Ning

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,683  
citations

201575

27  
h-index

289141

40  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1884  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2017, 225, 234-245.	4.8	123
2	Levels, composition profiles and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in sludge from ten textile dyeing plants. <i>Environmental Research</i> , 2014, 132, 112-118.	3.7	118
3	Peptide-induced super-assembly of biocatalytic metal-organic frameworks for programmed enzyme cascades. <i>Chemical Science</i> , 2019, 10, 7852-7858.	3.7	91
4	Elimination and ecotoxicity evaluation of phthalic acid esters from textile-dyeing wastewater. <i>Environmental Pollution</i> , 2017, 231, 115-122.	3.7	83
5	Toxicity evaluation of textile dyeing effluent and its possible relationship with chemical oxygen demand. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 56-62.	2.9	77
6	Comparison of the Fe <sup>2+</sup> /H <sub>2</sub> O <sub>2</sub> and Fe <sup>2+</sup> /PMS systems in simulated sludge: Removal of PAHs, migration of elements and formation of chlorination by-products. <i>Journal of Hazardous Materials</i> , 2020, 398, 122826.	6.5	67
7	Impact of surfactant type for ionic liquid pretreatment on enhancing delignification of rice straw. <i>Bioresource Technology</i> , 2017, 227, 388-392.	4.8	65
8	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> , 2016, 307, 7-16.	6.5	62
9	Synergistic effects of surfactant-assisted ionic liquid pretreatment rice straw. <i>Bioresource Technology</i> , 2016, 214, 371-375.	4.8	49
10	Sludge treatment by integrated ultrasound-Fenton process: Characterization of sludge organic matter and its impact on PAHs removal. <i>Journal of Hazardous Materials</i> , 2018, 343, 191-199.	6.5	49
11	Decolorization and biodegradation of the Congo red by <i>Acinetobacter baumannii</i> YNWH 226 and its polymer production's flocculation and dewatering potential. <i>Bioresource Technology</i> , 2015, 194, 233-239.	4.8	48
12	Algal toxicity induced by effluents from textile-dyeing wastewater treatment plants. <i>Journal of Environmental Sciences</i> , 2020, 91, 199-208.	3.2	47
13	Aromatic amine contents, component distributions and risk assessment in sludge from 10 textile-dyeing plants. <i>Chemosphere</i> , 2015, 134, 367-373.	4.2	45
14	Degradation of aromatic amines in textile-dyeing sludge by combining the ultrasound technique with potassium permanganate treatment. <i>Journal of Hazardous Materials</i> , 2016, 314, 1-10.	6.5	44
15	Chlorobenzene levels, component distribution, and ambient severity in wastewater from five textile dyeing wastewater treatment plants. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110257.	2.9	44
16	Nitrogen-rich microporous carbon materials for high-performance membrane capacitive deionization. <i>Electrochimica Acta</i> , 2019, 312, 251-262.	2.6	42
17	Chlorophenols in textile dyeing sludge: Pollution characteristics and environmental risk control. <i>Journal of Hazardous Materials</i> , 2021, 416, 125721.	6.5	42
18	Removal of polycyclic aromatic hydrocarbons (PAHs) from textile dyeing sludge by ultrasound combined zero-valent iron/EDTA/Air system. <i>Chemosphere</i> , 2018, 191, 839-847.	4.2	36

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19	Covalent triazine-based frameworks as electrodes for high-performance membrane capacitive deionization. <i>Electrochimica Acta</i> , 2019, 296, 327-334.	2.6	34
20	Effects of sulfur on lead partitioning during sludge incineration based on experiments and thermodynamic calculations. <i>Waste Management</i> , 2015, 38, 336-348.	3.7	32
21	Effect of sintering temperature on mineral composition and heavy metals mobility in tailings bricks. <i>Waste Management</i> , 2019, 93, 112-121.	3.7	32
22	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. <i>Chemosphere</i> , 2018, 196, 377-385.	4.2	31
23	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. <i>Chemosphere</i> , 2019, 221, 21-29.	4.2	31
24	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> , 2019, 172, 26-32.	2.9	30
25	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> , 2020, 91, 62-72.	3.2	30
26	Fate of volatile aromatic hydrocarbons in the wastewater from six textile dyeing wastewater treatment plants. <i>Chemosphere</i> , 2015, 136, 50-55.	4.2	29
27	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. <i>Journal of Environmental Management</i> , 2015, 161, 181-187.	3.8	27
28	Decolorization and biodegradation of the azo dye Congo red by an isolated <i>Acinetobacter baumannii</i> YNWH 226. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 687-695.	1.4	25
29	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> , 2021, 208, 111724.	2.9	24
30	Treatment of simulated textile sludge using the Fenton/Cl <sup>•</sup> system: The roles of chlorine radicals and superoxide anions on PAHs removal. <i>Environmental Research</i> , 2021, 197, 110997.	3.7	22
31	Transformation of hazardous lead into lead ferrite ceramics: Crystal structures and their role in lead leaching. <i>Journal of Hazardous Materials</i> , 2017, 336, 139-145.	6.5	21
32	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> , 2020, 297, 122417.	4.8	20
33	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. <i>Chemosphere</i> , 2018, 211, 202-209.	4.2	18
34	Solar Photothermal Electrodes for Highly Efficient Microbial Energy Harvesting at Low Ambient Temperatures. <i>ChemSusChem</i> , 2018, 11, 4071-4076.	3.6	17
35	Biomass waste as a clean reductant for iron recovery of iron tailings by magnetization roasting. <i>Journal of Environmental Management</i> , 2022, 317, 115435.	3.8	17
36	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> , 2015, 162, 81-86.	3.8	14

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37	Combined ultrasound with Fenton treatment for the degradation of carcinogenic polycyclic aromatic hydrocarbons in textile dyeing sludge. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1867-1876.	1.8	13
38	Enhanced bioelectricity generation and azo dye treatment in a reversible photo-bioelectrochemical cell by using novel anthraquinone-2,6-disulfonate (AQDS)/MnO <sub>x</sub> -doped polypyrrole film electrodes. <i>Bioresource Technology</i> , 2017, 225, 40-47.	4.8	12
39	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> , 2019, 85, 548-556.	3.7	12
40	Nanoarchitected reduced graphene oxide composite C2N materials as flow electrodes to optimize desalination performance. <i>Environmental Science: Nano</i> , 2020, 7, 1980-1989.	2.2	12
41	Redox properties of nano-sized biochar derived from wheat straw biochar. <i>RSC Advances</i> , 2022, 12, 11039-11046.	1.7	11
42	Nitrogen-enriched micro-mesoporous carbon derived from polymers organic frameworks for high-performance capacitive deionization. <i>Journal of Environmental Sciences</i> , 2022, 111, 282-291.	3.2	10
43	Lead extraction from Cathode Ray Tube (CRT) funnel glass: Reaction mechanisms in thermal reduction with addition of carbon (C). <i>Waste Management</i> , 2018, 76, 671-678.	3.7	8
44	Treatment of 3,3'-dimethoxybenzidine in sludge by advance oxidation process: Degradation products and toxicity evaluation. <i>Journal of Environmental Management</i> , 2019, 238, 102-109.	3.8	7
45	Formation of lead ferrites for immobilizing hazardous lead into iron-rich ceramic matrix. <i>Chemosphere</i> , 2019, 214, 239-249.	4.2	6
46	Sono-advanced Fenton-like degradation of aromatic amines in textile dyeing sludge: efficiency and mechanisms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7810-7820.	2.7	5