

Pingfeng Fu

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

727
citations

566801

15
h-index

525886

27
g-index

35
all docs

35
docs citations

35
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on Solidification and Stabilization of Antimony-Containing Tailings with Metallurgical Slag-Based Binders. <i>Materials</i> , 2022, 15, 1780.	1.3	6
2	Solidification/Stabilization of MSWI Fly Ash Using a Novel Metallurgical Slag-Based Cementitious Material. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 599.	0.8	4
3	Analysis of an Ancient Architectural Painting from the Jiangxue Palace in the Imperial Museum, Beijing, China. <i>Analytical Letters</i> , 2021, 54, 684-697.	1.0	14
4	Decomposition of refractory aniline aerofloat collector in aqueous solution by an ozone/vacuum-UV (O ₃ /VUV) process. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 659-670.	1.2	10
5	Ozonation of recalcitrant O-isopropyl-N-ethylthionocarbamate catalyzed by galena in flotation effluents and its dissolution behaviors. <i>Minerals Engineering</i> , 2021, 165, 106859.	1.8	4
6	Evaluation of straw ash as a cost-effective adsorbent for the removal of phosphate and fluoride from aqueous solution. <i>Groundwater for Sustainable Development</i> , 2021, 14, 100626.	2.3	7
7	Characterization and Hydration Mechanism of Ammonia Soda Residue and Portland Cement Composite Cementitious Material. <i>Materials</i> , 2021, 14, 4794.	1.3	5
8	Enhancing Arsenic Solidification/Stabilisation Efficiency of Metallurgical Slag-Based Green Mining Fill and Its Structure Analysis. <i>Metals</i> , 2021, 11, 1389.	1.0	5
9	Adsorption Removal of Phosphate and Fluoride from Aqueous Solution Using Oily Sludge-based Pyrolysis Residue. <i>Environmental Processes</i> , 2021, 8, 1517-1531.	1.7	4
10	A comparative study on the degradation of ethyl xanthate collector by O ₃ , UV254nm, UV185+254nm, O ₃ /UV254nm and O ₃ /UV185+254nm processes. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103628.	3.3	28
11	Investigation of Ancient Architectural Painting from the Taidong Tomb in the Western Qing Tombs, Hebei, China. <i>Coatings</i> , 2020, 10, 688.	1.2	10
12	Catalytic ozonation of refractory O-isopropyl-N-ethylthionocarbamate collector with coexisted kaolinite in sulfide flotation wastewaters. <i>Applied Clay Science</i> , 2020, 198, 105834.	2.6	11
13	Modified Graphene-FEVE Composite Coatings: Application in the Repair of Ancient Architectural Color Paintings. <i>Coatings</i> , 2020, 10, 1162.	1.2	9
14	The evaluation of in-site remediation feasibility of Cd-contaminated soils with the addition of typical silicate wastes. <i>Environmental Pollution</i> , 2020, 265, 114865.	3.7	20
15	Feasibility of using fly ash slag-based binder for mine backfilling and its associated leaching risks. <i>Journal of Hazardous Materials</i> , 2020, 400, 123191.	6.5	104
16	Homogenous catalytic ozonation of aniline aerofloat collector by coexisted transition metallic ions in flotation wastewaters. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103714.	3.3	21
17	Influence of calcium hydroxide addition on arsenic leaching and solidification/stabilisation behaviour of metallurgical-slag-based green mining fill. <i>Journal of Hazardous Materials</i> , 2020, 390, 122161.	6.5	41
18	Ozone and ozone/vacuum-UV degradation of diethyl dithiocarbamate collector: kinetics, mineralization, byproducts and pathways. <i>RSC Advances</i> , 2019, 9, 23579-23588.	1.7	13

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19	Utilization of alkaline silicate wastes for removal of cadmium ions from aqueous solution: Comparative performances and removal mechanisms. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103402.	3.3	7
20	In-Situ Immobilization of Cd-Contaminated Soils Using Ferronickel Slag as Potential Soil Amendment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 756-762.	1.3	2
21	UV $\langle \text{sub} \rangle 185+254 \text{ nm} \langle / \text{sub} \rangle$ photolysis of typical thiol collectors: decomposition efficiency, mineralization and formation of sulfur byproducts. <i>Royal Society Open Science</i> , 2019, 6, 190123.	1.1	2
22	Cr(VI) removal from a synthetic solution using a novel carbonaceous material prepared from oily sludge of tank bottom. <i>Environmental Pollution</i> , 2019, 249, 843-850.	3.7	27
23	Vertically aligned Pt/TiO $\langle \text{sub} \rangle 2 \langle / \text{sub} \rangle$ nanobelt films on Ti sheets for efficient degradation of a refractory ethyl thionocarbamate collector. <i>RSC Advances</i> , 2019, 9, 38381-38390.	1.7	5
24	Porous Fe $\langle \text{sup} \rangle 0 \langle / \text{sup} \rangle$ /C ceramsites for removal of aqueous Pb($\langle \text{scp} \rangle \text{i} \langle / \text{scp} \rangle$) ions: equilibrium, long-term performance and mechanism studies. <i>RSC Advances</i> , 2018, 8, 25445-25455.	1.7	10
25	Removal of aqueous Cu $^{2+}$ ions with FeO/C ceramsites fabricated by direct reduction roasting of magnetite, coal, and paper mill sludge. <i>Water Science and Technology</i> , 2018, 78, 1753-1761.	1.2	3
26	Degradation of Thiol Collectors Using Ozone at a Low Dosage: Kinetics, Mineralization, Ozone Utilization, and Changes of Biodegradability and Water Quality Parameters. <i>Minerals (Basel)</i> , 2018, 8, 457-477.	1.0	16
27	Recovery of Gold and Iron from Cyanide Tailings with a Combined Direct Reduction Roasting and Leaching Process. <i>Metals</i> , 2018, 8, 561.	1.0	20
28	VUV-Photocatalytic Degradation of Bezaifibrate by Hydrothermally Synthesized Enhanced {001} Facets TiO $\langle \text{sub} \rangle 2 \langle / \text{sub} \rangle$ /Ti Film. <i>Journal of Physical Chemistry A</i> , 2016, 120, 118-127.	1.1	43
29	Degradation of sodium n-butyl xanthate by vacuum UV-ozone (VUV/O $_{3}$) in comparison with ozone and VUV photolysis. <i>Chemical Engineering Research and Design</i> , 2016, 102, 64-70.	2.7	49
30	Synthesis of mesoporous silica MCM-41 using sodium silicate derived from copper ore tailings with an alkaline molted-salt method. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 338-343.	2.9	38
31	Comparison of alkyl xanthates degradation in aqueous solution by the O $_{3}$ and UV/O $_{3}$ processes: Efficiency, mineralization and ozone utilization. <i>Minerals Engineering</i> , 2015, 81, 128-134.	1.8	64
32	Characterization of Pt-TiO $_{2}$ film used in three formaldehyde photocatalytic degradation systems: UV254 nm, O $_{3}$ +UV254 nm and UV254+185 nm via X-ray photoelectron spectroscopy. <i>Chinese Journal of Catalysis</i> , 2014, 35, 210-218.	6.9	22
33	Synthesis and Characterization of Large-size Hybrid 1-D TiO $_{2}$ Nanostructured Films on Ti Sheet with All-in-one Structure. <i>Journal of Advanced Oxidation Technologies</i> , 2014, 17, .	0.5	0
34	Enhanced photoelectrochemical properties and photocatalytic activity of porous TiO $_{2}$ films with highly dispersed small Au nanoparticles. <i>Thin Solid Films</i> , 2011, 519, 3480-3486.	0.8	20
35	Uniform dispersion of Au nanoparticles on TiO $_{2}$ film via electrostatic self-assembly for photocatalytic degradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2010, 96, 176-184.	10.8	79