

# Pingfeng Fu

## List of Publications by Year in descending order

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35  
papers

727  
citations

567144

15  
h-index

526166

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility of using fly ashâ€slag-based binder for mine backfilling and its associated leaching risks. <i>Journal of Hazardous Materials</i> , 2020, 400, 123191.	6.5	104
2	Uniform dispersion of Au nanoparticles on TiO <sub>2</sub> film via electrostatic self-assembly for photocatalytic degradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2010, 96, 176-184.	10.8	79
3	Comparison of alkyl xanthates degradation in aqueous solution by the O <sub>3</sub> and UV/O <sub>3</sub> processes: Efficiency, mineralization and ozone utilization. <i>Minerals Engineering</i> , 2015, 81, 128-134.	1.8	64
4	Degradation of sodium n-butyl xanthate by vacuum UV-ozone (VUV/O <sub>3</sub> ) in comparison with ozone and VUV photolysis. <i>Chemical Engineering Research and Design</i> , 2016, 102, 64-70.	2.7	49
5	VUV-Photocatalytic Degradation of Bezaflibrate by Hydrothermally Synthesized Enhanced {001} Facets TiO <sub>2</sub> /Ti Film. <i>Journal of Physical Chemistry A</i> , 2016, 120, 118-127.	1.1	43
6	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
7	Synthesis of mesoporous silica MCM-41 using sodium silicate derived from copper ore tailings with an alkaline molten-salt method. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 338-343.	2.9	38
8	A comparative study on the degradation of ethyl xanthate collector by O <sub>3</sub> , UV254nm, UV185+254nm, O <sub>3</sub> /UV254nm and O <sub>3</sub> /UV185+254nm processes. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103628.	3.3	28
9	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
10	Characterization of Pt-TiO <sub>2</sub> film used in three formaldehyde photocatalytic degradation systems: UV254 nm, O <sub>3</sub> +UV254 nm and UV254+185 nm via X-ray photoelectron spectroscopy. <i>Chinese Journal of Catalysis</i> , 2014, 35, 210-218.	6.9	22
11	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
12	Enhanced photoelectrochemical properties and photocatalytic activity of porous TiO <sub>2</sub> films with highly dispersed small Au nanoparticles. <i>Thin Solid Films</i> , 2011, 519, 3480-3486.	0.8	20
13	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> , 2021, 11, 1087.	0.8	10
14	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
15	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
16	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
17	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
18	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

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19	Porous Fe <sup>0</sup> /C ceramsites for removal of aqueous Pb(II) ions: equilibrium, long-term performance and mechanism studies. <i>RSC Advances</i> , 2018, 8, 25445-25455.	1.7	10
20	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
21	Decomposition of refractory aniline aerofloat collector in aqueous solution by an ozone/vacuum-UV (O <sub>3</sub> /VUV) process. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 659-670.	1.2	10
22	Modified Graphene-FEVE Composite Coatings: Application in the Repair of Ancient Architectural Color Paintings. <i>Coatings</i> , 2020, 10, 1162.	1.2	9
23	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
24	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
25	Study on Solidification and Stabilization of Antimony-Containing Tailings with Metallurgical Slag-Based Binders. <i>Materials</i> , 2022, 15, 1780.	1.3	6
26	Vertically aligned Pt/TiO <sub>2</sub> 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
27	Characterization and Hydration Mechanism of Ammonia Soda Residue and Portland Cement Composite Cementitious Material. <i>Materials</i> , 2021, 14, 4794.	1.3	5
28	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
29	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
30	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
31	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
32	Removal of aqueous Cu <sup>2+</sup> 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
33	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
34	UV <sub>185+254 nm</sub> 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
35	Synthesis and Characterization of Large-size Hybrid 1-D TiO <sub>2</sub> Nanostructured Films on Ti Sheet with All-in-one Structure. <i>Journal of Advanced Oxidation Technologies</i> , 2014, 17, .	0.5	0