

# Weijun Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/280242/publications.pdf>

Version: 2024-02-01

35  
papers

1,832  
citations

393982

19  
h-index

360668

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2400  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-printed montmorillonite nanosheets based hydrogel with biocompatible polymers as excellent adsorbent for Pb(â€¦) removal. Separation and Purification Technology, 2022, 283, 120176.	3.9	34
2	Facile synthesis of fluorinated graphene/NiCo2O4 nanorods composite with high supercapacitive performance. Applied Nanoscience (Switzerland), 2022, 12, 3177-3184.	1.6	4
3	Insight into the effect of oxidation degree of graphene oxides on their removal from wastewater via froth flotation. Chemosphere, 2021, 262, 127837.	4.2	14
4	Emerging Hexagonal Mo<sub>2</sub>C Nanosheet with (002) Facet Exposure and Cu Incorporation for Peroxymonosulfate Activation Toward Antibiotic Degradation. ACS Applied Materials & Interfaces, 2021, 13, 14342-14354.	4.0	53
5	Enhancing the ion flotation removal of Cu(â€¦) via regulating the oxidation degree of nano collector-graphene oxide. Journal of Cleaner Production, 2021, 295, 126397.	4.6	18
6	Enhanced capacitive deionization of defect-containing MoS2/graphene composites through introducing appropriate MoS2 defect. Electrochimica Acta, 2021, 383, 138363.	2.6	22
7	Facile preparation of sulfhydryl modified montmorillonite nanosheets hydrogel and its enhancement for Pb(II) adsorption. Chemosphere, 2021, 280, 130727.	4.2	35
8	Highly efficient and selective recovery of Cu(II) from wastewater via ion flotation with amidoxime functionalized graphene oxide as nano collector. Separation and Purification Technology, 2021, 279, 119674.	3.9	10
9	Application of Waste Engine Oil for Improving Ilmenite Flotation Combined with Sodium Oleate Collector. Minerals (Basel, Switzerland), 2021, 11, 1242.	0.8	3
10	Fabrication of 3D flower-like MoS2/graphene composite as high-performance electrode for capacitive deionization. Desalination, 2020, 473, 114191.	4.0	95
11	Synthesis of NiCo2S4 nanospheres/reduced graphene oxide composite as electrode material for supercapacitor. Current Applied Physics, 2020, 20, 304-309.	1.1	36
12	Efficiently removing cetyl trimethyl ammonium bromide from wastewater by graphene oxide. Surface and Interface Analysis, 2020, 52, 611-619.	0.8	6
13	On the correlation between froth stability and viscosity in flotation. Minerals Engineering, 2020, 149, 106269.	1.8	18
14	A perspective of stepwise utilization of hazardous zinc plant purification residue based on selective alkaline leaching of zinc. Journal of Hazardous Materials, 2020, 389, 122090.	6.5	23
15	Overview of cobalt resources and comprehensive analysis of cobalt recovery from zinc plant purification residue- a review. Hydrometallurgy, 2020, 193, 105327.	1.8	37
16	A review of the applications of ion floatation: wastewater treatment, mineral beneficiation and hydrometallurgy. RSC Advances, 2019, 9, 20226-20239.	1.7	63
17	Preparation and characterization of flowerlike Al-doped Ni(OH)2 for supercapacitor applications. Chemical Physics, 2019, 521, 55-60.	0.9	24
18	Comprehensive evaluation on a prospective precipitation-flotation process for metal-ions removal from wastewater simulants. Journal of Hazardous Materials, 2019, 371, 592-602.	6.5	77

#	ARTICLE	IF	CITATIONS
19	Recovery of Au(CN) <sub>2</sub> <sup>-</sup> by adsorption using reduced graphene oxide/ascorbic acid hydrogel. <i>Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy</i> , 2018, 127, 140-145.	0.1	1
20	Enhanced separation of pyrite from high-sulfur bauxite using 2-mercaptobenzimidazole as chelate collector: Flotation optimization and interaction mechanisms. <i>Minerals Engineering</i> , 2018, 129, 93-101.	1.8	32
21	Insight the effect of crystallinity of natural graphite on the electrochemical performance of reduced graphene oxide. <i>Results in Physics</i> , 2018, 11, 131-137.	2.0	19
22	An Insight into Flotation Chemistry of Pyrite with Isomeric Xanthates: A Combined Experimental and Computational Study. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 166.	0.8	8
23	Removal of Potassium and Iron in Low Grade Bauxite by a Calcination-Acid Leaching Process. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 125.	0.8	9
24	Efficiently removing Pb(II) from wastewater by graphene oxide using foam flotation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 266-272.	2.3	32
25	A review on heavy metal ions adsorption from water by graphene oxide and its composites. <i>Journal of Molecular Liquids</i> , 2017, 230, 496-504.	2.3	658
26	Synthesis of Fluorinated Graphene/CoAl-Layered Double Hydroxide Composites as Electrode Materials for Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5204-5212.	4.0	125
27	Enhanced adsorption performance of the graphene oxide with metallic ion impurities by elution. <i>Surface and Interface Analysis</i> , 2017, 49, 728-734.	0.8	1
28	Adsorption of Zn(II) on graphene oxide prepared from low-purity of amorphous graphite. <i>Surface and Interface Analysis</i> , 2017, 49, 398-404.	0.8	12
29	Effect of oxidation degree of graphene oxide on the electrochemical performance of CoAl-layered double hydroxide/graphene composites. <i>Applied Materials Today</i> , 2017, 7, 201-211.	2.3	32
30	Effect of droplet size of the emulsified kerosene on the floatation of amorphous graphite. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 889-894.	1.3	15
31	Increasing the Fine Flaky Graphite Recovery in Flotation via a Combined Multiple Treatments Technique of Middlings. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 208.	0.8	18
32	Adsorption of methylene blue on graphene oxide prepared from amorphous graphite: Effects of pH and foreign ions. <i>Journal of Molecular Liquids</i> , 2016, 221, 82-87.	2.3	121
33	Comparison of Pb(II) adsorption onto graphene oxide prepared from natural graphites: Diagramming the Pb(II) adsorption sites. <i>Applied Surface Science</i> , 2016, 364, 620-627.	3.1	114
34	Characterisation of reduced graphene oxides prepared from natural flaky, lump and amorphous graphites. <i>Materials Research Bulletin</i> , 2016, 78, 119-127.	2.7	36
35	Does silicate mineral impurities in natural graphite affect the characteristics of synthesized graphene?. <i>Materials Research Bulletin</i> , 2016, 74, 333-339.	2.7	27