

# Ya Pang

## List of Publications by Citations

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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.

43  
papers

2,847  
citations

23  
h-index

44  
g-index

44  
ext. papers

3,487  
ext. citations

9.4  
avg, IF

5.15  
L-index

#	Paper	IF	Citations
43	Sustainable efficient adsorbent: Alkali-acid modified magnetic biochar derived from sewage sludge for aqueous organic contaminant removal. <i>Chemical Engineering Journal</i> , <b>2018</b> , 336, 160-169	14.7	256
42	PEI-grafted magnetic porous powder for highly effective adsorption of heavy metal ions. <i>Desalination</i> , <b>2011</b> , 281, 278-284	10.3	254
41	Immobilization of laccase on magnetic bimodal mesoporous carbon and the application in the removal of phenolic compounds. <i>Bioresource Technology</i> , <b>2012</b> , 115, 21-6	11	210
40	Magnetic nitrogen-doped sludge-derived biochar catalysts for persulfate activation: Internal electron transfer mechanism. <i>Chemical Engineering Journal</i> , <b>2019</b> , 364, 146-159	14.7	203
39	Synergistic effect of iron doped ordered mesoporous carbon on adsorption-coupled reduction of hexavalent chromium and the relative mechanism study. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 114-122	14.7	201
38	Preparation and application of stability enhanced magnetic nanoparticles for rapid removal of Cr(VI). <i>Chemical Engineering Journal</i> , <b>2011</b> , 175, 222-227	14.7	166
37	Enhancement of Cd(II) adsorption by polyacrylic acid modified magnetic mesoporous carbon. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 153-160	14.7	142
36	Insight into highly efficient co-removal of p-nitrophenol and lead by nitrogen-functionalized magnetic ordered mesoporous carbon: Performance and modelling. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 333, 80-87	12.8	139
35	Hierarchical porous biochar from shrimp shell for persulfate activation: A two-electron transfer path and key impact factors. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 260, 118160	21.8	128
34	Simultaneous removal of lead and phenol contamination from water by nitrogen-functionalized magnetic ordered mesoporous carbon. <i>Chemical Engineering Journal</i> , <b>2015</b> , 259, 854-864	14.7	123
33	Metal-free carbon materials for persulfate-based advanced oxidation process: Microstructure, property and tailoring. <i>Progress in Materials Science</i> , <b>2020</b> , 111, 100654	42.2	117
32	Synergistic adsorption and reduction of hexavalent chromium using highly uniform polyaniline/magnetic mesoporous silica composite. <i>Chemical Engineering Journal</i> , <b>2014</b> , 254, 302-312	14.7	110
31	Highly effective adsorption of cationic and anionic dyes on magnetic Fe/Ni nanoparticles doped bimodal mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 448, 451-9	9.3	97
30	Analyses of tetracycline adsorption on alkali-acid modified magnetic biochar: Site energy distribution consideration. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 2260-2266	10.2	83
29	Rapid reductive degradation of aqueous p-nitrophenol using nanoscale zero-valent iron particles immobilized on mesoporous silica with enhanced antioxidation effect. <i>Applied Surface Science</i> , <b>2015</b> , 333, 220-228	6.7	81
28	Cr(VI) reduction by <i>Pseudomonas aeruginosa</i> immobilized in a polyvinyl alcohol/sodium alginate matrix containing multi-walled carbon nanotubes. <i>Bioresource Technology</i> , <b>2011</b> , 102, 10733-6	11	70
27	A critical review of volatile fatty acids produced from waste activated sludge: enhanced strategies and its applications. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 13984-13998	5.1	50

26	Trace detection of picloram using an electrochemical immunosensor based on three-dimensional gold nanoclusters. <i>Analytical Biochemistry</i> , <b>2010</b> , 407, 172-9	3.1	42
25	An electrochemical DNA sensor based on a layers-film construction modified electrode. <i>Analyst, The</i> , <b>2011</b> , 136, 4204-10	5	37
24	Enhancement of Pb (II) adsorption by boron doped ordered mesoporous carbon: Isotherm and kinetics modeling. <i>Science of the Total Environment</i> , <b>2020</b> , 708, 134918	10.2	33
23	Enhanced ciprofloxacin removal by sludge-derived biochar: Effect of humic acid. <i>Chemosphere</i> , <b>2019</b> , 231, 495-501	8.4	29
22	Insight into the key factors in fast adsorption of organic pollutants by hierarchical porous biochar. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 403, 123610	12.8	29
21	Removal and recovery of Zn <sup>2+</sup> and Pb <sup>2+</sup> by imine-functionalized magnetic nanoparticles with tunable selectivity. <i>Langmuir</i> , <b>2012</b> , 28, 468-73	4	26
20	Highly sensitive fluorescence quantification of picloram using immunorecognition liposome. <i>Talanta</i> , <b>2010</b> , 83, 210-5	6.2	21
19	Analysis of reaction pathways and catalytic sites on metal-free porous biochar for persulfate activation process. <i>Chemosphere</i> , <b>2020</b> , 261, 127747	8.4	20
18	Activation of persulfate by stability-enhanced magnetic graphene oxide for the removal of 2,4-dichlorophenol. <i>Science of the Total Environment</i> , <b>2020</b> , 707, 135656	10.2	19
17	A label-free GR-5DNAzyme sensor for lead ions detection based on nanoporous gold and anionic intercalator. <i>Talanta</i> , <b>2017</b> , 165, 274-281	6.2	18
16	Laccase biosensor using magnetic multiwalled carbon nanotubes and chitosan/silica hybrid membrane modified magnetic carbon paste electrode. <i>Central South University</i> , <b>2011</b> , 18, 1849-1856		18
15	A critical review on the application of biochar in environmental pollution remediation: Role of persistent free radicals (PFRs). <i>Journal of Environmental Sciences</i> , <b>2021</b> , 108, 201-216	6.4	18
14	Carbon-based magnetic nanocomposite as catalyst for persulfate activation: a critical review. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 32764-32776	5.1	16
13	Gold nanoparticles/water-soluble carbon nanotubes/aromatic diamine polymer composite films for highly sensitive detection of cellobiose dehydrogenase gene. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4775-4782	6.7	16
12	Landfill leachate treatment by coagulation/flocculation combined with microelectrolysis-Fenton processes. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 1862-1870	2.6	16
11	Preparation and application of magnetic nitrogen-doped rGO for persulfate activation. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 30575-30584	5.1	14
10	Coupling bioleaching and electrokinetics to remediate heavy metal contaminated soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2015</b> , 94, 519-24	2.7	8
9	Sensitive and renewable picloram immunosensor based on paramagnetic immobilisation. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2012</b> , 92, 729-741	1.8	8

8	Activities of laccase produced by a strains <i>Penicillium simplicissimum</i> induced by chemical agentia and UV radiation. <i>Journal of Central South University</i> , <b>2017</b> , 24, 1953-1958	2.1	6
7	Non-Competitive and Competitive Adsorption of Pb <sup>2+</sup> , Cd <sup>2+</sup> and Zn <sup>2+</sup> Ions onto SDS in Process of Micellar-Enhanced Ultrafiltration. <i>Sustainability</i> , <b>2018</b> , 10, 92	3.6	6
6	Tailoring biochar for persulfate-based environmental catalysis: Impact of biomass feedstocks. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127663	12.8	6
5	Magnetic Nanohybrid Materials for Water-Pollutant Removal <b>2019</b> , 1-30		4
4	Electrochemical DNA sensor for simultaneous detection of genes encoding two functional enzymes involved in lignin degradation. <i>Biochemical Engineering Journal</i> , <b>2011</b> , 55, 185-192	4.2	3
3	Study on Magnetic Chitosan Microparticles for Rapid Removal of Heavy Metals. <i>Advanced Materials Research</i> , <b>2012</b> , 518-523, 2844-2848	0.5	2
2	Non-radical oxidation in environmental catalysis: Recognition, identification, and perspectives. <i>Chemical Engineering Journal</i> , <b>2022</b> , 433, 134385	14.7	1
1	Mesoporous Carbon Based Composites for Removal of Recalcitrant Pollutants From Water <b>2019</b> , 31-61		1