

Ya Pang

List of Publications by Year in Descending Order

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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 | Non-radical oxidation in environmental catalysis: Recognition, identification, and perspectives. <i>Chemical Engineering Journal</i> , 2022 , 433, 134385 | 14.7 | 1 |
| 42 | Tailoring biochar for persulfate-based environmental catalysis: Impact of biomass feedstocks. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127663 | 12.8 | 6 |
| 41 | Insight into the key factors in fast adsorption of organic pollutants by hierarchical porous biochar. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123610 | 12.8 | 29 |
| 40 | A critical review on the application of biochar in environmental pollution remediation: Role of persistent free radicals (PFRs). <i>Journal of Environmental Sciences</i> , 2021 , 108, 201-216 | 6.4 | 18 |
| 39 | Enhancement of Pb (II) adsorption by boron doped ordered mesoporous carbon: Isotherm and kinetics modeling. <i>Science of the Total Environment</i> , 2020 , 708, 134918 | 10.2 | 33 |
| 38 | Activation of persulfate by stability-enhanced magnetic graphene oxide for the removal of 2,4-dichlorophenol. <i>Science of the Total Environment</i> , 2020 , 707, 135656 | 10.2 | 19 |
| 37 | Metal-free carbon materials for persulfate-based advanced oxidation process: Microstructure, property and tailoring. <i>Progress in Materials Science</i> , 2020 , 111, 100654 | 42.2 | 117 |
| 36 | Analysis of reaction pathways and catalytic sites on metal-free porous biochar for persulfate activation process. <i>Chemosphere</i> , 2020 , 261, 127747 | 8.4 | 20 |
| 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> , 2020 , 260, 118160 | 21.8 | 128 |
| 34 | Carbon-based magnetic nanocomposite as catalyst for persulfate activation: a critical review. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 32764-32776 | 5.1 | 16 |
| 33 | Magnetic nitrogen-doped sludge-derived biochar catalysts for persulfate activation: Internal electron transfer mechanism. <i>Chemical Engineering Journal</i> , 2019 , 364, 146-159 | 14.7 | 203 |
| 32 | Enhanced ciprofloxacin removal by sludge-derived biochar: Effect of humic acid. <i>Chemosphere</i> , 2019 , 231, 495-501 | 8.4 | 29 |
| 31 | A critical review of volatile fatty acids produced from waste activated sludge: enhanced strategies and its applications. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 13984-13998 | 5.1 | 50 |
| 30 | Magnetic Nanohybrid Materials for Water-Pollutant Removal 2019 , 1-30 | | 4 |
| 29 | Mesoporous Carbon Based Composites for Removal of Recalcitrant Pollutants From Water 2019 , 31-61 | | 1 |
| 28 | Analyses of tetracycline adsorption on alkali-acid modified magnetic biochar: Site energy distribution consideration. <i>Science of the Total Environment</i> , 2019 , 650, 2260-2266 | 10.2 | 83 |
| 27 | Landfill leachate treatment by coagulation/flocculation combined with microelectrolysis-Fenton processes. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 1862-1870 | 2.6 | 16 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 26 | Non-Competitive and Competitive Adsorption of Pb ²⁺ , Cd ²⁺ and Zn ²⁺ Ions onto SDS in Process of Micellar-Enhanced Ultrafiltration. <i>Sustainability</i> , 2018 , 10, 92 | 3.6 | 6 |
| 25 | Sustainable efficient adsorbent: Alkali-acid modified magnetic biochar derived from sewage sludge for aqueous organic contaminant removal. <i>Chemical Engineering Journal</i> , 2018 , 336, 160-169 | 14.7 | 256 |
| 24 | Preparation and application of magnetic nitrogen-doped rGO for persulfate activation. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 30575-30584 | 5.1 | 14 |
| 23 | 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> , 2017 , 333, 80-87 | 12.8 | 139 |
| 22 | A label-free GR-5DNAzyme sensor for lead ions detection based on nanoporous gold and anionic intercalator. <i>Talanta</i> , 2017 , 165, 274-281 | 6.2 | 18 |
| 21 | 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> , 2017 , 24, 1953-1958 | 2.1 | 6 |
| 20 | 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> , 2015 , 333, 220-228 | 6.7 | 81 |
| 19 | Coupling bioleaching and electrokinetics to remediate heavy metal contaminated soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015 , 94, 519-24 | 2.7 | 8 |
| 18 | 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> , 2015 , 448, 451-9 | 9.3 | 97 |
| 17 | Enhancement of Cd(II) adsorption by polyacrylic acid modified magnetic mesoporous carbon. <i>Chemical Engineering Journal</i> , 2015 , 259, 153-160 | 14.7 | 142 |
| 16 | Simultaneous removal of lead and phenol contamination from water by nitrogen-functionalized magnetic ordered mesoporous carbon. <i>Chemical Engineering Journal</i> , 2015 , 259, 854-864 | 14.7 | 123 |
| 15 | 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> , 2014 , 239, 114-122 | 14.7 | 201 |
| 14 | Synergistic adsorption and reduction of hexavalent chromium using highly uniform polyaniline/magnetic mesoporous silica composite. <i>Chemical Engineering Journal</i> , 2014 , 254, 302-312 | 14.7 | 110 |
| 13 | Immobilization of laccase on magnetic bimodal mesoporous carbon and the application in the removal of phenolic compounds. <i>Bioresource Technology</i> , 2012 , 115, 21-6 | 11 | 210 |
| 12 | Removal and recovery of Zn ²⁺ and Pb ²⁺ by imine-functionalized magnetic nanoparticles with tunable selectivity. <i>Langmuir</i> , 2012 , 28, 468-73 | 4 | 26 |
| 11 | Study on Magnetic Chitosan Microparticles for Rapid Removal of Heavy Metals. <i>Advanced Materials Research</i> , 2012 , 518-523, 2844-2848 | 0.5 | 2 |
| 10 | Sensitive and renewable picloram immunosensor based on paramagnetic immobilisation. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 729-741 | 1.8 | 8 |
| 9 | PEI-grafted magnetic porous powder for highly effective adsorption of heavy metal ions. <i>Desalination</i> , 2011 , 281, 278-284 | 10.3 | 254 |

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|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 8 | 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> , 2011 , 102, 10733-6 | 11 | 70 |
| 7 | Preparation and application of stability enhanced magnetic nanoparticles for rapid removal of Cr(VI). <i>Chemical Engineering Journal</i> , 2011 , 175, 222-227 | 14.7 | 166 |
| 6 | Electrochemical DNA sensor for simultaneous detection of genes encoding two functional enzymes involved in lignin degradation. <i>Biochemical Engineering Journal</i> , 2011 , 55, 185-192 | 4.2 | 3 |
| 5 | Laccase biosensor using magnetic multiwalled carbon nanotubes and chitosan/silica hybrid membrane modified magnetic carbon paste electrode. <i>Central South University</i> , 2011 , 18, 1849-1856 | | 18 |
| 4 | An electrochemical DNA sensor based on a layers-film construction modified electrode. <i>Analyst, The</i> , 2011 , 136, 4204-10 | 5 | 37 |
| 3 | Gold nanoparticles/water-soluble carbon nanotubes/aromatic diamine polymer composite films for highly sensitive detection of cellobiose dehydrogenase gene. <i>Electrochimica Acta</i> , 2011 , 56, 4775-4782 | 6.7 | 16 |
| 2 | Highly sensitive fluorescence quantification of picloram using immunorecognition liposome. <i>Talanta</i> , 2010 , 83, 210-5 | 6.2 | 21 |
| 1 | Trace detection of picloram using an electrochemical immunosensor based on three-dimensional gold nanoclusters. <i>Analytical Biochemistry</i> , 2010 , 407, 172-9 | 3.1 | 42 |