# Jia-Cheng E Yang

List of Publications by Year
in descending order

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Version: 2024-02-01

| 29 | 1,120 | 430843 18 | 477281 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 1160 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Interplay of bicarbonate and the oxygen-containing groups of carbon nanotubes dominated the metal-free activation of peroxymonosulfate. Chemical Engineering Journal, 2022, 430, 133102. | 12.7 | 17 |
| 2 | MOFs-derived magnetic hierarchically porous CoFe2O4-Co3O4 nanocomposite for interfacial radicals-induced catalysis to degrade chloramphenicol: Structure, performance and degradation pathway. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 633, 127859. | 4.7 | 11 |
| 3 | Spatially isolated CoNx quantum dots on carbon nanotubes enable a robust radical-free Fenton-like process. Chemical Communications, 2022, 58, 451-454. | 4.1 | 5 |
| 4 | Deciphering the simultaneous removal of carbamazepine and metronidazole by monolithic Co2AlO4@Al2O3 activated peroxymonosulfate. Chemical Engineering Journal, 2022, 436, 135201. | 12.7 | 13 |
| 5 | Engineered Co2AlO4/CoAl2O4@Al2O3 monolithic catalysts for peroxymonosulfate activation: Co3+/Co2+ and ODefect/OLattice ratios dependence and mechanism. Chemical Engineering Journal, 2021, 409, 128162. | 12.7 | 47 |
| 6 | Magnetic CoFe2O4 nanocrystals derived from MIL-101 (Fe/Co) for peroxymonosulfate activation toward degradation of chloramphenicol. Chemosphere, 2021, 272, 129567. | 8.2 | 49 |
| 7 | The mechanistic difference of 1T-2H MoS2 homojunctions in persulfates activation: Structure-dependent oxidation pathways. Applied Catalysis B: Environmental, 2021, 297, 120460. | 20.2 | 73 |
| 8 | Nanocrystalline ferrihydrite activated peroxymonosulfate for butyl-4-hydroxybenzoate oxidation: Performance and mechanism. Chemosphere, 2020, 242, 125140. | 8.2 | 9 |
| 9 | Novel magnetic rod-like Mn-Fe oxycarbide toward peroxymonosulfate activation for efficient oxidation of butyl paraben: Radical oxidation versus singlet oxygenation. Applied Catalysis B: Environmental, 2020, 268, 118549. | 20.2 | 108 |
| 10 | Interfacial CoAl2O4 from ZIF-67@Î³-Al2O3 pellets toward catalytic activation of peroxymonosulfate for metronidazole removal. Chemical Engineering Journal, 2020, 397, 125339. | 12.7 | 82 |
| 11 | One-step fabrication of recycled Ag nanoparticles/graphene aerogel with high mechanical property for disinfection and catalytic reduction of 4-nitrophonel. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | | |
| 12 | Iron hydroxyphosphate composites derived from waste lithium-ion batteries for lead adsorption and Fenton-like catalytic degradation of methylene blue. Environmental Technology and Innovation, 2019, 16, 100504. | 6.1 | 20 |
| 13 | (MoS4)2â¯ intercalated CAMoS4â‹…LDH material for the efficient and facile sequestration of antibiotics from aqueous solution. Chemical Engineering Journal, 2019, 355, 637-649. | 12.7 | 40 |
| 14 | Facile fabrication of elastic CoO@graphene aerogel for recycled degradation of chloramphenicol. Materials Letters, 2019, 240, 88-91. | 2.6 | 15 |
| 15 | Direct epitaxial synthesis of magnetic Fe3O4@UiO-66 composite for efficient removal of arsenate from water. Microporous and Mesoporous Materials, 2019, 276, 68-75. | 4.4 | 102 |
| 16 | Reduced graphene oxide and titania nanosheet cowrapped coal fly ash microspheres alternately as a novel photocatalyst for water treatment. Catalysis Today, 2018, 315, 247-254. | 4.4 | 29 |
| 17 | Magnetic responsive Fe3O4-ZIF-8 core-shell composites for efficient removal of As(III) from water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 539, 59-68. | 4.7 | 146 |
| 18 | Novel chalcogenide based magnetic adsorbent KMS-1/L-Cystein/Fe3O4 for the facile removal of ciprofloxacin from aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 378-386. | 4.7 | 25 |

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|---|---|---|---|
| 19 | Magnetic infrared responsive photocatalyst: fabrication, characterization, and photocatalytic performance of Î²-NaYF4:Yb3+,Tm3+/TiO2/Fe3O4@SiO2 composite. Research on Chemical Intermediates, 2018, 44, 6369-6385. | 2.7 | 7 |
| 20 | Modulating oxone-MnOx/silica catalytic systems towards ibuprofen degradation: Insights into system effects, reaction kinetics and mechanisms. Applied Catalysis B: Environmental, 2017, 205, 327-339. | 20.2 | 80 |
| 21 | Yolkâ€“shell structured CoFe2O4 microspheres as novel catalysts for peroxymonosulfate activation for efficient degradation of butyl paraben. RSC Advances, 2016, 6, 101361-101364. | 3.6 | 22 |
| 22 | Synthetic conditions-regulated catalytic Oxone efficacy of MnO x /SBA-15 towards butyl paraben (BPB) removal under heterogeneous conditions. Chemical Engineering Journal, 2016, 289, 296-305. | 12.7 | 32 |
| 23 | Poly(vinylidene fluoride) membrane supported nano zero-valent iron for metronidazole removal: Influences of calcium and bicarbonate ions. Journal of the Taiwan Institute of Chemical Engineers, 2015, 49, 113-118. | 5.3 | 19 |
| 24 | Granulous KMS-1/PAN composite for Cs<sup>+</sup> removal. RSC Advances, 2015, 5, 91431-91435. | 3.6 | 17 |
| 25 | Polyvinyl pyrrolidone-modified Pd/Fe nanoparticles for enhanced dechlorination of 2,4-dichlorophenal. Desalination and Water Treatment, 2014, 52, 7925-7936. | 1.0 | 6 |
| 26 | Investigation of PAA/PVDFâ€“NZVI hybrids for metronidazole removal: Synthesis, characterization, and reactivity characteristics. Journal of Hazardous Materials, 2014, 264, 269-277. | 12.4 | 86 |
| 27 | Effects of PMMA/anisole hybrid coatings on discoloration performance of nano zerovalent iron toward organic dyes. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 937-946. | 5.3 | 21 |
| 28 | Study on the physicochemical properties of poly(methylmethacrylate) (PMMA) modified Pd/Fe nanocomposites: Roles of PMMA and PMMA/ethanol. Applied Surface Science, 2013, 282, 851-861. | 6.1 | 11 |
| 29 | Characterization and regeneration of Pd/Fe nanoparticles immobilized in modified PVDF membrane. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 386-392. | 5.3 | 23 |