

Yong Feng

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,251
citations

182225

30
h-index

232693

48
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48
all docs

48
docs citations

48
times ranked

2804
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Facile pathway towards crystallinity adjustment and performance enhancement of copper selenide for vapor-phase elemental mercury sequestration. <i>Chemical Engineering Journal</i> , 2022, 430, 132811. | 6.6 | 5 |
| 2 | Favorably adjusting the pore characteristics of copper sulfide by template regulation for vapor-phase elemental mercury immobilization. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10729-10737. | 5.2 | 17 |
| 3 | Enhanced peroxydisulfate oxidation via Cu(III) species with a Cu-MOF-derived Cu nanoparticle and 3D graphene network. <i>Journal of Hazardous Materials</i> , 2021, 403, 123691. | 6.5 | 38 |
| 4 | Enhanced Photo-Fenton Removal Efficiency with Core-Shell Magnetic Resin Catalyst for Textile Dyeing Wastewater Treatment. <i>Water (Switzerland)</i> , 2021, 13, 968. | 1.2 | 13 |
| 5 | Advances in flue gas mercury abatement by mineral chalcogenides. <i>Chemical Engineering Journal</i> , 2021, 411, 128608. | 6.6 | 51 |
| 6 | Facile preparation of nanosized copper sulfide functionalized macroporous skeleton for efficient vapor-phase mercury sequestration. <i>Chemical Engineering Journal</i> , 2021, 419, 129561. | 6.6 | 33 |
| 7 | Activation of peroxymonosulfate by molybdenum disulfide-mediated traces of Fe(III) for sulfadiazine degradation. <i>Chemosphere</i> , 2021, 283, 131212. | 4.2 | 19 |
| 8 | Activation of dissolved molecular oxygen by ascorbic acid-mediated circulation of copper(II): Applications and limitations. <i>Separation and Purification Technology</i> , 2021, 275, 119186. | 3.9 | 7 |
| 9 | Performance and mechanism in degradation of typical antibiotics and antibiotic resistance genes by magnetic resin-mediated UV-Fenton process. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112908. | 2.9 | 26 |
| 10 | Enhanced mineralization of oxalate by highly active and Stable Ce(III)-Doped g-C ₃ N ₄ catalyzed ozonation. <i>Chemosphere</i> , 2020, 239, 124612. | 4.2 | 50 |
| 11 | Nonradical degradation of microorganic pollutants by magnetic N-doped graphitic carbon: A complement to the unactivated peroxymonosulfate. <i>Chemical Engineering Journal</i> , 2020, 392, 123724. | 6.6 | 28 |
| 12 | Toward an Understanding of Fundamentals Governing the Elemental Mercury Sequestration by Metal Chalcogenides. <i>Environmental Science & Technology</i> , 2020, 54, 9672-9680. | 4.6 | 27 |
| 13 | Unraveling the Overlooked Involvement of High-Valent Cobalt-Oxo Species Generated from the Cobalt(II)-Activated Peroxymonosulfate Process. <i>Environmental Science & Technology</i> , 2020, 54, 16231-16239. | 4.6 | 310 |
| 14 | Advances in magnetically recyclable remediators for elemental mercury degradation in coal combustion flue gas. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18624-18650. | 5.2 | 10 |
| 15 | Development of selenized magnetite (Fe ₃ O ₄ ~xSey) as an efficient and recyclable trap for elemental mercury sequestration from coal combustion flue gas. <i>Chemical Engineering Journal</i> , 2020, 394, 125022. | 6.6 | 47 |
| 16 | Amorphous molybdenum selenide intercalated magnetite as a recyclable trap for the effective sequestration of elemental mercury. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14955-14965. | 5.2 | 30 |
| 17 | Sulfate radical-induced destruction of emerging contaminants using traces of cobalt ions as catalysts. <i>Chemosphere</i> , 2020, 256, 127061. | 4.2 | 23 |
| 18 | Enhanced mineralization of dimethyl phthalate by heterogeneous ozonation over nanostructured Cu-Fe-O surfaces: Synergistic effect and radical chain reactions. <i>Separation and Purification Technology</i> , 2019, 209, 588-597. | 3.9 | 55 |

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|----|--|-----|-----------|
| 19 | Amorphous Molybdenum Selenide Nanosheet as an Efficient Trap for the Permanent Sequestration of Vapor-Phase Elemental Mercury. <i>Advanced Science</i> , 2019, 6, 1901410. | 5.6 | 57 |
| 20 | One-step tailoring surface roughness and surface chemistry to prepare superhydrophobic polyvinylidene fluoride (PVDF) membranes for enhanced membrane distillation performances. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 99-107. | 5.0 | 66 |
| 21 | Ultrasound assisted zero valent iron corrosion for peroxymonosulfate activation for Rhodamine-B degradation. <i>Chemosphere</i> , 2019, 228, 412-417. | 4.2 | 114 |
| 22 | Role of Sulfur Trioxide (SO ₃) in Gas-Phase Elemental Mercury Immobilization by Mineral Sulfide. <i>Environmental Science & Technology</i> , 2019, 53, 3250-3257. | 4.6 | 58 |
| 23 | Nanosized Copper Selenide Functionalized Zeolitic Imidazolate Framework (CuSe/ZIF) for Efficient Immobilization of Gas-Phase Elemental Mercury. <i>Advanced Functional Materials</i> , 2019, 29, 1807191. | 7.8 | 74 |
| 24 | Cu(II)-enhanced activation of molecular oxygen using Fe(II): Factors affecting the yield of oxidants. <i>Chemosphere</i> , 2019, 221, 383-391. | 4.2 | 8 |
| 25 | Solvent-free hydrothermal synthesis of gamma-aluminum oxide nanoparticles with selective adsorption of Congo red. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 180-188. | 5.0 | 56 |
| 26 | Factors and mechanisms that influence the reactivity of trivalent copper: A novel oxidant for selective degradation of antibiotics. <i>Water Research</i> , 2019, 149, 1-8. | 5.3 | 64 |
| 27 | Highly efficient degradation of dimethyl phthalate from Cu(II) and dimethyl phthalate wastewater by EDTA enhanced ozonation: Performance, intermediates and mechanism. <i>Journal of Hazardous Materials</i> , 2019, 366, 378-385. | 6.5 | 33 |
| 28 | Activation of persulfate with metal-organic framework-derived nitrogen-doped porous Co@C nanoboxes for highly efficient p-Chloroaniline removal. <i>Chemical Engineering Journal</i> , 2019, 358, 408-418. | 6.6 | 177 |
| 29 | Enhanced As(III) Sequestration Using Sulfide-Modified Nano-Scale Zero-Valent Iron with a Characteristic Core-Shell Structure: Sulfidation and As Distribution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3039-3048. | 3.2 | 85 |
| 30 | Activation of Persulfates Using Siderite as a Source of Ferrous Ions: Sulfate Radical Production, Stoichiometric Efficiency, and Implications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3624-3631. | 3.2 | 67 |
| 31 | Degradation of 1,4-dioxane via controlled generation of radicals by pyrite-activated oxidants: Synergistic effects, role of disulfides, and activation sites. <i>Chemical Engineering Journal</i> , 2018, 336, 416-426. | 6.6 | 77 |
| 32 | Facile synthesis of highly reactive and stable Fe-doped g-C ₃ N ₄ composites for peroxymonosulfate activation: A novel nonradical oxidation process. <i>Journal of Hazardous Materials</i> , 2018, 354, 63-71. | 6.5 | 154 |
| 33 | Cu ₂ O-promoted degradation of sulfamethoxazole by Cu ₂ O-Fe ₂ O ₃ -catalyzed peroxymonosulfate under circumneutral conditions: synergistic effect, Cu/Fe ratios, and mechanisms. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1-11. | 1.2 | 39 |
| 34 | Immobilization of Lead in Cathode Ray Tube Funnel Glass with Beneficial Use of Red Mud for Potential Application in Ceramic Industry. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14213-14220. | 3.2 | 6 |
| 35 | Dual Roles of Nano-Sulfide in Efficient Removal of Elemental Mercury from Coal Combustion Flue Gas within a Wide Temperature Range. <i>Environmental Science & Technology</i> , 2018, 52, 12926-12933. | 4.6 | 52 |
| 36 | Phosphorus recovery through adsorption by layered double hydroxide nano-composites and transfer into a struvite-like fertilizer. <i>Water Research</i> , 2018, 145, 721-730. | 5.3 | 87 |

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|----|---|-----|-----------|
| 37 | Supported palladium nanoparticles as highly efficient catalysts for radical production: Support-dependent synergistic effects. <i>Chemosphere</i> , 2018, 207, 27-32. | 4.2 | 9 |
| 38 | Applicability study on the degradation of acetaminophen via an H ₂ O ₂ /PDS-based advanced oxidation process using pyrite. <i>Chemosphere</i> , 2018, 212, 438-446. | 4.2 | 42 |
| 39 | Rapid Selective Circumneutral Degradation of Phenolic Pollutants Using Peroxymonosulfate-Iodide Metal-Free Oxidation: Role of Iodine Atoms. <i>Environmental Science & Technology</i> , 2017, 51, 2312-2320. | 4.6 | 86 |
| 40 | Mini-Sized Carbon Nitride Nanosheets with Double Excitation and pH-Dependent Fluorescence Behaviors for Two-Photon Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2017, 12, 835-840. | 1.7 | 5 |
| 41 | Degradation of contaminants by Cu ⁺ -activated molecular oxygen in aqueous solutions: Evidence for cupryl species (Cu ³⁺). <i>Journal of Hazardous Materials</i> , 2017, 331, 81-87. | 6.5 | 99 |
| 42 | Surface-bound sulfate radical-dominated degradation of 1,4-dioxane by alumina-supported palladium (Pd/Al ₂ O ₃) catalyzed peroxymonosulfate. <i>Water Research</i> , 2017, 120, 12-21. | 5.3 | 172 |
| 43 | Response to Comment on "Rapid Selective Circumneutral Degradation of Phenolic Pollutants Using Peroxymonosulfate-Iodide Metal-Free Oxidation: Role of Iodine Atoms". <i>Environmental Science & Technology</i> , 2017, 51, 9412-9413. | 4.6 | 4 |
| 44 | Opposite effects of dissolved oxygen on the removal of As(III) and As(V) by carbonate structural Fe(II). <i>Scientific Reports</i> , 2017, 7, 17015. | 1.6 | 26 |
| 45 | Effect of Nitrogen Oxides on Elemental Mercury Removal by Nanosized Mineral Sulfide. <i>Environmental Science & Technology</i> , 2017, 51, 8530-8536. | 4.6 | 75 |
| 46 | Mineralization of perfluorooctanesulfonate (PFOS) and perfluorodecanoate (PFDA) from aqueous solution by porous hexagonal boron nitride: adsorption followed by simultaneous thermal decomposition and regeneration. <i>RSC Advances</i> , 2016, 6, 113773-113780. | 1.7 | 20 |
| 47 | Copper-promoted circumneutral activation of H ₂ O ₂ by magnetic CuFe ₂ O ₄ spinel nanoparticles: Mechanism, stoichiometric efficiency, and pathway of degrading sulfanilamide. <i>Chemosphere</i> , 2016, 154, 573-582. | 4.2 | 87 |
| 48 | Sulfate Radical-Mediated Degradation of Sulfadiazine by CuFeO ₂ Rhombohedral Crystal-Catalyzed Peroxymonosulfate: Synergistic Effects and Mechanisms. <i>Environmental Science & Technology</i> , 2016, 50, 3119-3127. | 4.6 | 563 |