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Performance indicators for a holistic evaluation of catalyst-based degradation-A case study of selected pharmaceuticals and personal care products (PPCPs)

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|----|---|------|-----------|
| 24 | New Eco-Materials Derived from Waste for Emerging Pollutants Adsorption: The Case of Diclofenac. <i>Materials</i> , 2020 , 13, | 3.5 | 3 |
| 23 | Visible-LED-light-driven photocatalytic degradation of ofloxacin and ciprofloxacin by magnetic biochar modified flower-like BiWO: The synergistic effects, mechanism insights and degradation pathways. <i>Science of the Total Environment</i> , 2021 , 764, 142879 | 10.2 | 30 |
| 22 | Review on the treatment of organic wastewater by discharge plasma combined with oxidants and catalysts. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 2522-2548 | 5.1 | 12 |
| 21 | Degradation, solubility and chromatographic studies of Ibuprofen under high temperature water conditions. <i>Chemosphere</i> , 2021 , 277, 130307 | 8.4 | 4 |
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| 19 | Adsorption of norfloxacin from aqueous solution on biochar derived from spent coffee ground: Master variables and response surface method optimized adsorption process. <i>Chemosphere</i> , 2021 , 1325774 | 8.4 | 6 |
| 18 | Activation of peroxydisulfate by ball-milled FeOOH/biochar composite for phenol removal: Component contribution and internal mechanisms. <i>Environmental Pollution</i> , 2021 , 293, 118596 | 9.3 | 1 |
| 17 | Insights into the influence and mechanism for the proto-genetic N, P and Fe containing biochar on peroxymonosulfate activation. <i>Journal of Cleaner Production</i> , 2021 , 328, 129642 | 10.3 | 1 |
| 16 | Ferrate(VI) pre-treatment and subsequent electrochemical advanced oxidation processes: Recycling iron for enhancing oxidation of organic pollutants. <i>Chemical Engineering Journal</i> , 2022 , 431, 134177 | 14.7 | 1 |
| 15 | Waste preserved wood derived biochar catalyst for promoted peroxymonosulfate activation towards bisphenol A degradation with low metal ion release: The insight into the mechanisms.. <i>Science of the Total Environment</i> , 2021 , 152673 | 10.2 | 1 |
| 14 | Application of sulfate radicals-based advanced oxidation technology in degradation of trace organic contaminants (TrOCs): Recent advances and prospects.. <i>Journal of Environmental Management</i> , 2022 , 308, 114664 | 7.9 | 13 |
| 13 | Photocatalytic, electrocatalytic and photoelectrocatalytic degradation of pharmaceuticals in aqueous media: Analytical methods, mechanisms, simulations, catalysts and reactors. <i>Journal of Cleaner Production</i> , 2022 , 343, 131061 | 10.3 | 1 |
| 12 | Highly efficient activation of persulfate by encapsulated nano-Fe0 biochar for acetaminophen degradation: Rich electron environment and dominant effect of superoxide radical. <i>Chemical Engineering Journal</i> , 2022 , 440, 135947 | 14.7 | 2 |
| 11 | Catalytic pyrolysis of lotus leaves for producing nitrogen self-doping layered graphitic biochar: Performance and mechanism for peroxydisulfate activation.. <i>Chemosphere</i> , 2022 , 302, 134868 | 8.4 | 0 |
| 10 | N-doped and activated porous biochar derived from cocoa shell for removing norfloxacin from aqueous solution: Performance assessment and mechanism insight. 2022 , 214, 113951 | | 0 |
| 9 | Combining environmental, health, and safety features with a conductor like Screening Model for selecting green solvents for antibiotic analyses. 2023 , 218, 114962 | | 0 |
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- 6 A novel role of various hydrogen bonds in adsorption, desorption and co-adsorption of PPCPs on corn straw-derived biochars. **2022**, 160623
- 5 Biochar-mediated removal of pharmaceutical compounds from aqueous matrices via adsorption.
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- 2 Highly Efficient Copper Doping LaFeO₃ Perovskite for Bisphenol A Removal by Activating Peroxymonosulfate. **2023**, 13, 575
- 1 Pharmaceutical and personal care products in the seawater: Mini review. **2023**, 35-48