

Yanshi Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

353
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

266
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Enhanced electro-Fenton degradation of sulfonamides using the N, S co-doped cathode: Mechanism for H ₂ O ₂ formation and pollutants decay. <i>Journal of Hazardous Materials</i> , 2021, 403, 123950. | 12.4 | 73 |
| 2 | Degradation of sulfathiazole by electro-Fenton using a nitrogen-doped cathode and a BDD anode: Insight into the H ₂ O ₂ generation and radical oxidation. <i>Science of the Total Environment</i> , 2020, 722, 137853. | 8.0 | 58 |
| 3 | Enhanced degradation of sulfathiazole by electro-Fenton process using a novel carbon nitride modified electrode. <i>Carbon</i> , 2019, 145, 321-332. | 10.3 | 52 |
| 4 | Three-dimensional electro-Fenton system with iron foam as particle electrode for folic acid wastewater pretreatment. <i>Separation and Purification Technology</i> , 2019, 224, 463-474. | 7.9 | 36 |
| 5 | A self-sufficient electro-Fenton system with enhanced oxygen transfer for decontamination of pharmaceutical wastewater. <i>Chemical Engineering Journal</i> , 2022, 429, 132176. | 12.7 | 32 |
| 6 | Melamine-derived carbon electrode for efficient H ₂ O ₂ electro-generation. <i>Electrochimica Acta</i> , 2018, 261, 375-383. | 5.2 | 26 |
| 7 | Boosting hydrogen peroxide accumulation by a novel air-breathing gas diffusion electrode in electro-Fenton system. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121617. | 20.2 | 25 |
| 8 | Sustainable Fe ³⁺ reduction by Fe ₃ O ₄ @tourmaline in Fenton-like system. <i>Chemical Engineering Journal</i> , 2022, 437, 135480. | 12.7 | 23 |
| 9 | A charcoal-shaped catalyst NiFe ₂ O ₄ /Fe ₂ O ₃ in electro-Fenton: high activity, wide pH range and catalytic mechanism. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1996-2008. | 2.2 | 12 |
| 10 | Three-dimensional nickel foam electrode for efficient electro-Fenton in a novel reactor. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 730-740. | 2.2 | 8 |
| 11 | Breakage of flocculation implemented by two-stage shear for enhancing waste-activated sludge dewaterability: Effects of shear condition and extracellular polymeric substances. <i>Drying Technology</i> , 2018, 36, 418-434. | 3.1 | 7 |