

Yufan Chen

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	pH Dependence of Hydroxyl Radical, Ferryl, and/or Ferric Peroxo Species Generation in the Heterogeneous Fenton Process. <i>Environmental Science & Technology</i> , 2022, 56, 1278-1288.	10.0	50
2	Comparative Experimental and Computational Studies of Hydroxyl and Sulfate Radical-Mediated Degradation of Simple and Complex Organic Substrates. <i>Environmental Science & Technology</i> , 2022, 56, 8819-8832.	10.0	18
3	Heterogeneous Fenton Chemistry Revisited: Mechanistic Insights from Ferrihydrite-Mediated Oxidation of Formate and Oxalate. <i>Environmental Science & Technology</i> , 2021, 55, 14414-14425.	10.0	77
4	Key Considerations When Assessing Novel Fenton Catalysts: Iron Oxychloride (FeOCl) as a Case Study. <i>Environmental Science & Technology</i> , 2021, 55, 13317-13325.	10.0	37
5	Cu(II)-enhanced activation of molecular oxygen using Fe(II): Factors affecting the yield of oxidants. <i>Chemosphere</i> , 2019, 221, 383-391.	8.2	8
6	Oxidation of acetaminophen by Green rust coupled with Cu(II) via dioxygen activation: The role of various interlayer anions (CO_3^{2-} , SO_4^{2-} , Cl^-). <i>Chemical Engineering Journal</i> , 2018, 350, 930-938.	12.7	16
7	Enhanced degradation of chloramphenicol at alkaline conditions by S(-II) assisted heterogeneous Fenton-like reactions using pyrite. <i>Chemosphere</i> , 2017, 188, 557-566.	8.2	95
8	Mineral transformation of structural Fe(II) hydroxides with O_2 , Cu(II), Cr(VI) and NO_2^- for enhanced arsenite sequestration. <i>Chemical Engineering Journal</i> , 2017, 311, 247-254.	12.7	9
9	Enhanced oxidation of chloramphenicol by GLDA-driven pyrite induced heterogeneous Fenton-like reactions at alkaline condition. <i>Chemical Engineering Journal</i> , 2016, 294, 49-57.	12.7	71
10	Ferric iron enhanced chloramphenicol oxidation in pyrite (FeS_2) induced Fenton-like reactions. <i>Separation and Purification Technology</i> , 2015, 154, 60-67.	7.9	39