

Liu Yong

List of Publications by Year in descending order

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38
papers

6,463
citations

218677
26
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docs citations

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times ranked

8796
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of various adsorbents for selective removal of nitrate from water: Structure, performance and mechanism. <i>Chemosphere</i> , 2022, 291, 132728.	8.2	77
2	Advanced treatment of landfill leachate using integrated coagulation/ photo-Fenton process through in-situ generated nascent Al ³⁺ and H ₂ O ₂ by Cl, N co-doped aluminum-graphite composite. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 121003.	20.2	18
3	Effective and selective conversion of nitrate from aqueous solutions to nitrogen gas under neutral pH condition using Al/Cu bimetal-sulfamic acid reduction method. <i>Separation and Purification Technology</i> , 2022, 287, 120618.	7.9	3
4	Fenton-like degradation of sulfamethoxazole in CuO/ZnO-air system over a broad pH range: Performance, kinetics and mechanism. <i>Chemical Engineering Journal</i> , 2021, 403, 126320.	12.7	42
5	Fenton/Fenton-like processes with in-situ production of hydrogen peroxide/hydroxyl radical for degradation of emerging contaminants: Advances and prospects. <i>Journal of Hazardous Materials</i> , 2021, 404, 124191.	12.4	351
6	Enhanced hydrogen generation from Al-water reaction mediated by metal salts. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3453-3463.	7.1	19
7	Activation of peroxydisulfate by a novel CuO-Cu ₂ O@CNTs composite for 2, 4-dichlorophenol degradation. <i>Science of the Total Environment</i> , 2021, 754, 141883.	8.0	46
8	A novel CNTs-Fe ₃ O ₄ synthesized via a ball-milling strategy as efficient fenton-like catalyst for degradation of sulfonamides. <i>Chemosphere</i> , 2021, 277, 130305.	8.2	23
9	Degradation of sulfamerazine by a novel Cu _x O@C composite derived from Cu-MOFs under air aeration. <i>Chemosphere</i> , 2021, 280, 130678.	8.2	8
10	N-doped aluminum-graphite (Al-Gr-N) composite for enhancing in-situ production and activation of hydrogen peroxide to treat landfill leachate. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120407.	20.2	36
11	Iron and sulfur co-doped graphite carbon nitride (FeO _y /S-g-C ₃ N ₄) for activating peroxymonosulfate to enhance sulfamethoxazole degradation. <i>Chemical Engineering Journal</i> , 2020, 382, 122836.	12.7	113
12	Covalent organic frameworks as efficient adsorbent for sulfamerazine removal from aqueous solution. <i>Journal of Hazardous Materials</i> , 2020, 383, 121126.	12.4	180
13	Magnetic COFs for the adsorptive removal of diclofenac and sulfamethazine from aqueous solution: Adsorption kinetics, isotherms study and DFT calculation. <i>Journal of Hazardous Materials</i> , 2020, 385, 121596.	12.4	126
14	Effect of molecular structure on the adsorption affinity of sulfonamides onto CNTs: Batch experiments and DFT calculations. <i>Chemosphere</i> , 2020, 246, 125778.	8.2	58
15	Peroxymonosulfate Activation by Fe@Co@O-Codoped Graphite Carbon Nitride for Degradation of Sulfamethoxazole. <i>Environmental Science & Technology</i> , 2020, 54, 10361-10369.	10.0	273
16	High-Efficient Generation of H ₂ O ₂ by Aluminum-Graphite Composite through Selective Oxygen Reduction for Degradation of Organic Contaminants. <i>Environmental Science & Technology</i> , 2020, 54, 14085-14095.	10.0	76
17	Catalytic activation of O ₂ by AlO-CNTs-Cu ₂ O composite for Fenton-like degradation of sulfamerazine antibiotic at wide pH range. <i>Journal of Hazardous Materials</i> , 2020, 396, 122751.	12.4	38
18	Duckweed derived nitrogen self-doped porous carbon materials as cost-effective electrocatalysts for oxygen reduction reaction in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 15336-15345.	7.1	33

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19	Mechanistic insight into the adsorption of diclofenac by MIL-100: Experiments and theoretical calculations. <i>Environmental Pollution</i> , 2019, 253, 616-624.	7.5	68
20	Stepwise adsorption-oxidation removal of oxytetracycline by ZnO-CNTs-Fe ₃ O ₄ from aqueous solution. <i>Chemical Engineering Journal</i> , 2019, 375, 121963.	12.7	35
21	Novel Fenton-like system (Mg/Fe-O ₂) for degradation of 4-chlorophenol. <i>Environmental Pollution</i> , 2019, 250, 906-913.	7.5	41
22	Reduction of nitrate by zero valent iron (ZVI)-based materials: A review. <i>Science of the Total Environment</i> , 2019, 671, 388-403.	8.0	288
23	Selective and effective adsorption of Hg(II) from aqueous solution over wide pH range by thiol functionalized magnetic carbon nanotubes. <i>Chemosphere</i> , 2019, 226, 405-412.	8.2	65
24	Tubular nitrogen-doped carbon materials derived from green foxtail as a metal-free electrocatalyst in microbial fuel cells for efficient electron generation. <i>Bioelectrochemistry</i> , 2019, 127, 104-112.	4.6	20
25	Selective reduction of nitrate to nitrogen gas by novel Cu ₂ O-CuO@Fe ₀ composite combined with HCOOH under UV radiation. <i>Chemical Engineering Journal</i> , 2019, 359, 1195-1204.	12.7	62
26	In situ generation of H ₂ O ₂ using MWCNT-Al/O ₂ system and possible application for glyphosate degradation. <i>Science of the Total Environment</i> , 2019, 650, 2567-2576.	8.0	53
27	Photoinduced reduction of high concentration Hg(II) to Hg ₂ Cl ₂ from acid wastewater with the presence of fulvic acid under anaerobic conditions. <i>Chemosphere</i> , 2018, 198, 13-20.	8.2	11
28	Selective reduction of NO ₃ ⁻ -N from wastewater to N ₂ by Zn/Ag bimetallic particles combined with wet ammonia oxidation process. <i>Separation and Purification Technology</i> , 2018, 197, 325-335.	7.9	11
29	In-situ synthesis of hydrogen peroxide in a novel Zn-CNTs-O ₂ system. <i>Journal of Power Sources</i> , 2018, 378, 190-197.	7.8	27
30	Enhanced degradation and mineralization of 4-chloro-3-methyl phenol by Zn-CNTs/O ₃ system. <i>Chemosphere</i> , 2018, 191, 54-63.	8.2	26
31	Zn-Fe-CNTs catalytic in situ generation of H ₂ O ₂ for Fenton-like degradation of sulfamethoxazole. <i>Journal of Hazardous Materials</i> , 2018, 342, 166-176.	12.4	236
32	Efficient <i>in situ</i> generation of H ₂ O ₂ by novel magnesium@carbon nanotube composites. <i>RSC Advances</i> , 2018, 8, 35179-35186.	3.6	11
33	Metal hexacyanoferrates-based adsorbents for cesium removal. <i>Coordination Chemistry Reviews</i> , 2018, 374, 430-438.	18.8	191
34	ZnO-CNTs-Fe ₃ O ₄ catalytic in situ generation of H ₂ O ₂ for heterogeneous Fenton degradation of 4-chlorophenol. <i>Chemosphere</i> , 2018, 208, 665-673.	8.2	43
35	Fenton degradation of 4-chlorophenol using H ₂ O ₂ in situ generated by Zn-CNTs/O ₃ system. <i>RSC Advances</i> , 2017, 7, 49985-49994.	3.6	16
36	Removal of Hg(II) from aqueous solution using sodium humate as heavy metal capturing agent. <i>Water Science and Technology</i> , 2016, 74, 2946-2957.	2.5	10

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37	Adsorptive removal of fluoride from aqueous solutions using Al-humic acid-La aerogel composites. Chemical Engineering Journal, 2016, 306, 174-185.	12.7	71
38	Nitrogen-Doped Graphene as Efficient Metal-Free Electrocatalyst for Oxygen Reduction in Fuel Cells. ACS Nano, 2010, 4, 1321-1326.	14.6	3,658