

Xiangyong Zheng

List of Publications by Year in descending order

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16
papers

293
citations

933447

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996975

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docs citations

16
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron scraps enhance simultaneous nitrogen and phosphorus removal in subsurface flow constructed wetlands. <i>Journal of Hazardous Materials</i> , 2020, 395, 122612.	12.4	71
2	Autotrophic denitrification in constructed wetlands: Achievements and challenges. <i>Bioresource Technology</i> , 2020, 318, 123778.	9.6	47
3	Synergistic oxytetracycline adsorption and peroxydisulfate-driven oxidation on nitrogen and sulfur co-doped porous carbon spheres. <i>Journal of Hazardous Materials</i> , 2022, 424, 127444.	12.4	36
4	Black water collected from the septic tank treated with a living machine system: HRT effect and microbial community structure. <i>Chemosphere</i> , 2018, 210, 745-752.	8.2	23
5	Blackwater treatment using vertical greening: Efficiency and microbial community structure. <i>Bioresource Technology</i> , 2018, 249, 175-181.	9.6	22
6	Electro-peroxone enables efficient Cr removal and recovery from Cr(III) complexes and inhibits intermediate Cr(VI) generation in wastewater: Performance and mechanism. <i>Water Research</i> , 2022, 218, 118502.	11.3	22
7	Reduced graphene oxide/TiO ₂ (B) immobilized on nylon membrane with enhanced photocatalytic performance. <i>Science of the Total Environment</i> , 2021, 799, 149370.	8.0	14
8	Intermittent operating characteristics of an ecological soil system with two-stage water distribution for wastewater treatment. <i>Chemosphere</i> , 2019, 215, 8-14.	8.2	13
9	Combined process of bio-contact oxidation-constructed wetland for blackwater treatment. <i>Bioresource Technology</i> , 2020, 316, 123891.	9.6	11
10	Application of constructed wetlands in treating rural sewage from source separation with high-influent nitrogen load: a review. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 138.	3.6	10
11	Enhancement of wastewater treatment with underwater light: Efficiency and micro-ecosystem alterations in the open aerobic reactor of living machine. <i>Ecological Engineering</i> , 2020, 153, 105896.	3.6	8
12	Influence of regular addition of ore on treatment efficiency and aquatic organisms in living machine system for black water treatment. <i>Journal of Cleaner Production</i> , 2022, 341, 130928.	9.3	6
13	Enhancement of algae ponds for rural domestic sewage treatment by prolonging daylight using artificial lamps. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113031.	6.0	5
14	Pathways regulating nitrogen removal in constructed ditch wetlands: effects of different inflow ratios and artificial aeration. <i>Environmental Science and Pollution Research</i> , 2020, 27, 42571-42581.	5.3	4
15	Synthetic Black Water Treatment by Aeroponic Cultivation of Water Spinach: Effect of the Pump Run Time. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 1349-1359.	1.2	1
16	Enhancement of cottonseed oil refining wastewater treatment by zero valent iron under sunlight irradiation and O ₂ bubbling. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 124-132.	9.4	0