

Junfeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

834
citations

687220

13
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1125617

13
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all docs

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docs citations

13
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate removal and bioenergy production in constructed wetland coupled with microbial fuel cell: Establishment of electrochemically active bacteria community on anode. <i>Bioresource Technology</i> , 2016, 221, 358-365.	4.8	133
2	Microbial community structure of different electrode materials in constructed wetland incorporating microbial fuel cell. <i>Bioresource Technology</i> , 2016, 221, 697-702.	4.8	104
3	Bioenergy generation and rhizodegradation as affected by microbial community distribution in a coupled constructed wetland-microbial fuel cell system associated with three macrophytes. <i>Science of the Total Environment</i> , 2017, 607-608, 53-62.	3.9	95
4	Bioenergy generation and degradation pathway of phenanthrene and anthracene in a constructed wetland-microbial fuel cell with an anode amended with nZVI. <i>Water Research</i> , 2019, 150, 340-348.	5.3	87
5	The inhibition and adaptability of four wetland plant species to high concentration of ammonia wastewater and nitrogen removal efficiency in constructed wetlands. <i>Bioresource Technology</i> , 2016, 202, 198-205.	4.8	71
6	High efficiency of inorganic nitrogen removal by integrating biofilm-electrode with constructed wetland: Autotrophic denitrifying bacteria analysis. <i>Bioresource Technology</i> , 2017, 227, 7-14.	4.8	68
7	Effects of electrode material and substrate concentration on the bioenergy output and wastewater treatment in air-cathode microbial fuel cell integrating with constructed wetland. <i>Ecological Engineering</i> , 2017, 99, 191-198.	1.6	67
8	Bioelectricity generation, contaminant removal and bacterial community distribution as affected by substrate material size and aquatic macrophyte in constructed wetland-microbial fuel cell. <i>Bioresource Technology</i> , 2017, 245, 372-378.	4.8	66
9	Mechanism of high contaminant removal performance in the expanded granular sludge blanket (EGSB) reactor involved with granular activated carbon for low-strength wastewater treatment. <i>Chemical Engineering Journal</i> , 2018, 334, 1176-1185.	6.6	38
10	Bacterial and archaeal community distribution and stabilization of anaerobic sludge in a strengthen circulation anaerobic (SCA) reactor for municipal wastewater treatment. <i>Bioresource Technology</i> , 2017, 244, 750-758.	4.8	31
11	Correlating microbial community structure with operational conditions in biological aerated filter reactor for efficient nitrogen removal of municipal wastewater. <i>Bioresource Technology</i> , 2018, 250, 374-381.	4.8	31
12	Degradation Characteristics of Color Index Direct Blue 15 Dye Using Iron-Carbon Micro-Electrolysis Coupled with H ₂ O ₂ . <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1523.	1.2	24
13	Performance evaluation of anaerobic baffled reactor (ABR) for treating alkali-decrement wastewater of polyester fabrics at incremental organic loading rates. <i>Water Science and Technology</i> , 2018, 77, 2445-2453.	1.2	19