

Ruo-Hong Li

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

668
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-enhanced primary sedimentation and acidogenic sludge fermentation to achieve self-sufficient organic carbon supply for enhanced nutrient removal in wastewater treatment. Resources, Conservation and Recycling, 2021, 164, 105220.	10.8	1
2	Hydrothermal treatment and biorefinery of sewage sludge for waste reduction and production of fungal hyphae fibers and volatile fatty acids. Journal of Cleaner Production, 2021, 289, 125715.	9.3	9
3	Characterization and mitigation of the fouling of flat-sheet ceramic membranes for direct filtration of the coagulated domestic wastewater. Journal of Hazardous Materials, 2020, 385, 121557.	12.4	40
4	Transformation of Fe-P Complexes in Bioreactors and P Recovery from Sludge: Investigation by XANES Spectroscopy. Environmental Science & Technology, 2020, 54, 4641-4650.	10.0	28
5	Performance and bacterial community of moving bed biofilm reactors with various biocarriers treating primary wastewater effluent with a low organic strength and low C/N ratio. Bioresource Technology, 2019, 287, 121424.	9.6	55
6	Acidogenic phosphorus recovery from the wastewater sludge of the membrane bioreactor systems with different iron-dosing modes. Bioresource Technology, 2019, 280, 360-370.	9.6	33
7	Direct filtration for the treatment of the coagulated domestic sewage using flat-sheet ceramic membranes. Chemosphere, 2019, 223, 383-390.	8.2	46
8	Recovery of organic resources from sewage sludge of Al-enhanced primary sedimentation by alkali pretreatment and acidogenic fermentation. Journal of Cleaner Production, 2018, 172, 3334-3341.	9.3	57
9	A membrane bioreactor with iron dosing and acidogenic co-fermentation for enhanced phosphorus removal and recovery in wastewater treatment. Water Research, 2018, 129, 402-412.	11.3	77
10	Phosphorus Removal and Recovery from Wastewater using Fe-Dosing Bioreactor and Cofermentation: Investigation by X-ray Absorption Near-Edge Structure Spectroscopy. Environmental Science & Technology, 2018, 52, 14119-14128.	10.0	74
11	An integrated membrane bioreactor system with iron-dosing and side-stream co-fermentation for enhanced nutrient removal and recovery: System performance and microbial community analysis. Bioresource Technology, 2018, 260, 248-255.	9.6	22
12	Recovery of organic carbon and phosphorus from wastewater by Fe-enhanced primary sedimentation and sludge fermentation. Process Biochemistry, 2017, 54, 135-139.	3.7	60
13	Recovery of phosphorus and volatile fatty acids from wastewater and food waste with an iron-flocculation sequencing batch reactor and acidogenic co-fermentation. Bioresource Technology, 2017, 245, 615-624.	9.6	67
14	Effect of coagulant on acidogenic fermentation of sludge from enhanced primary sedimentation for resource recovery: Comparison between FeCl ₃ and PACl. Chemical Engineering Journal, 2017, 325, 681-689.	12.7	99