

Ruo-Hong Li

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

668
citations

758635

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1058022

14
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all docs

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docs citations

15
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of coagulant on acidogenic fermentation of sludge from enhanced primary sedimentation for resource recovery: Comparison between FeCl ₃ and PACl. <i>Chemical Engineering Journal</i> , 2017, 325, 681-689.	6.6	99
2	A membrane bioreactor with iron dosing and acidogenic co-fermentation for enhanced phosphorus removal and recovery in wastewater treatment. <i>Water Research</i> , 2018, 129, 402-412.	5.3	77
3	Phosphorus Removal and Recovery from Wastewater using Fe-Dosing Bioreactor and Cofermentation: Investigation by X-ray Absorption Near-Edge Structure Spectroscopy. <i>Environmental Science & Technology</i> , 2018, 52, 14119-14128.	4.6	74
4	Recovery of phosphorus and volatile fatty acids from wastewater and food waste with an iron-flocculation sequencing batch reactor and acidogenic co-fermentation. <i>Bioresource Technology</i> , 2017, 245, 615-624.	4.8	67
5	Recovery of organic carbon and phosphorus from wastewater by Fe-enhanced primary sedimentation and sludge fermentation. <i>Process Biochemistry</i> , 2017, 54, 135-139.	1.8	60
6	Recovery of organic resources from sewage sludge of Al-enhanced primary sedimentation by alkali pretreatment and acidogenic fermentation. <i>Journal of Cleaner Production</i> , 2018, 172, 3334-3341.	4.6	57
7	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. <i>Bioresource Technology</i> , 2019, 287, 121424.	4.8	55
8	Direct filtration for the treatment of the coagulated domestic sewage using flat-sheet ceramic membranes. <i>Chemosphere</i> , 2019, 223, 383-390.	4.2	46
9	Characterization and mitigation of the fouling of flat-sheet ceramic membranes for direct filtration of the coagulated domestic wastewater. <i>Journal of Hazardous Materials</i> , 2020, 385, 121557.	6.5	40
10	Acidogenic phosphorus recovery from the wastewater sludge of the membrane bioreactor systems with different iron-dosing modes. <i>Bioresource Technology</i> , 2019, 280, 360-370.	4.8	33
11	Transformation of Fe-P Complexes in Bioreactors and P Recovery from Sludge: Investigation by XANES Spectroscopy. <i>Environmental Science & Technology</i> , 2020, 54, 4641-4650.	4.6	28
12	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. <i>Bioresource Technology</i> , 2018, 260, 248-255.	4.8	22
13	Hydrothermal treatment and biorefinery of sewage sludge for waste reduction and production of fungal hyphae fibers and volatile fatty acids. <i>Journal of Cleaner Production</i> , 2021, 289, 125715.	4.6	9
14	Iron-enhanced primary sedimentation and acidogenic sludge fermentation to achieve self-sufficient organic carbon supply for enhanced nutrient removal in wastewater treatment. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105220.	5.3	1