

Chungheon Shin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,340
citations

623188

14
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic Fluidized Bed Membrane Bioreactor for Wastewater Treatment. <i>Environmental Science & Technology</i> , 2011, 45, 576-581.	4.6	414
2	Pilot-scale temperate-climate treatment of domestic wastewater with a staged anaerobic fluidized membrane bioreactor (SAF-MBR). <i>Bioresource Technology</i> , 2014, 159, 95-103.	4.8	221
3	Current status of the pilot-scale anaerobic membrane bioreactor treatments of domestic wastewaters: A critical review. <i>Bioresource Technology</i> , 2018, 247, 1038-1046.	4.8	204
4	Low energy single-staged anaerobic fluidized bed ceramic membrane bioreactor (AFCMBR) for wastewater treatment. <i>Bioresource Technology</i> , 2017, 240, 33-41.	4.8	107
5	Anaerobic treatment of low-strength wastewater: A comparison between single and staged anaerobic fluidized bed membrane bioreactors. <i>Bioresource Technology</i> , 2014, 165, 75-80.	4.8	87
6	Integrity of hollow-fiber membranes in a pilot-scale anaerobic fluidized membrane bioreactor (AFMBR) after two-years of operation. <i>Separation and Purification Technology</i> , 2016, 162, 101-105.	3.9	60
7	A comparative pilot-scale evaluation of gas-sparged and granular activated carbon-fluidized anaerobic membrane bioreactors for domestic wastewater treatment. <i>Bioresource Technology</i> , 2019, 288, 120949.	4.8	50
8	Effects of sodium hypochlorite concentration on the methanogenic activity in an anaerobic fluidized membrane bioreactor. <i>Science of the Total Environment</i> , 2019, 678, 85-93.	3.9	31
9	Effects of influent DO/COD ratio on the performance of an anaerobic fluidized bed reactor fed low-strength synthetic wastewater. <i>Bioresource Technology</i> , 2011, 102, 9860-9865.	4.8	29
10	Lower operational limits to volatile fatty acid degradation with dilute wastewaters in an anaerobic fluidized bed reactor. <i>Bioresource Technology</i> , 2012, 109, 13-20.	4.8	24
11	Optimization of reverse osmosis operational conditions to maximize ammonia removal from the effluent of an anaerobic membrane bioreactor. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 739-747.	1.2	22
12	Temperate climate energy-positive anaerobic secondary treatment of domestic wastewater at pilot-scale. <i>Water Research</i> , 2021, 204, 117598.	5.3	21
13	Development and application of a procedure for evaluating the long-term integrity of membranes for the anaerobic fluidized membrane bioreactor (AFMBR). <i>Water Science and Technology</i> , 2016, 74, 457-465.	1.2	17
14	Recovery of Clean Water and Ammonia from Domestic Wastewater: Impacts on Embodied Energy and Greenhouse Gas Emissions. <i>Environmental Science & Technology</i> , 2022, 56, 8712-8721.	4.6	17
15	Anaerobic membrane bioreactor model for design and prediction of domestic wastewater treatment process performance. <i>Chemical Engineering Journal</i> , 2021, 426, 131912.	6.6	16
16	Importance of Dissolved Methane Management When Anaerobically Treating Low-Strength Wastewaters. <i>Current Organic Chemistry</i> , 2016, 20, 2810-2816.	0.9	14
17	Anaerobic Fluidized Bed Membrane Bioreactors for the Treatment of Domestic Wastewater. , 2015, , 211-242.		5
18	Pilot-Scale Comparison of Gas-Sparged and GAC-Fluidized Anaerobic Membrane Bioreactors Treating Domestic Wastewater. <i>Proceedings of the Water Environment Federation</i> , 2017, 2017, 5446-5455.	0.0	1