

Sang Hyun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

397
citations

1163117

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1372567

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11
all docs

11
docs citations

11
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Crossing the Border between Laboratory and Field: Bacterial Quorum Quenching for Anti-Biofouling Strategy in an MBR. <i>Environmental Science & Technology</i> , 2016, 50, 1788-1795.	10.0	134
2	Application of quorum quenching bacteria entrapping sheets to enhance biofouling control in a membrane bioreactor with a hollow fiber module. <i>Journal of Membrane Science</i> , 2017, 526, 264-271.	8.2	64
3	Fungal Quorum Quenching: A Paradigm Shift for Energy Savings in Membrane Bioreactor (MBR) for Wastewater Treatment. <i>Environmental Science & Technology</i> , 2016, 50, 10914-10922.	10.0	59
4	Effects of Quorum Quenching on the Microbial Community of Biofilm in an Anoxic/Oxic MBR for Wastewater Treatment. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1593-1604.	2.1	40
5	Stopping Autoinducer-2 Chatter by Means of an Indigenous Bacterium (<i>Acinetobacter</i> sp. DKY-1): A New Antibiofouling Strategy in a Membrane Bioreactor for Wastewater Treatment. <i>Environmental Science & Technology</i> , 2018, 52, 6237-6245.	10.0	37
6	Effect of the Shape and Size of Quorum-Quenching Media on Biofouling Control in Membrane Bioreactors for Wastewater Treatment. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1746-1754.	2.1	24
7	Influence of the sublayer structure of thin-film composite reverse osmosis membranes on the overall water flux. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1912-1922.	2.4	16
8	Enhancing the Physical Properties and Lifespan of Bacterial Quorum Quenching Media through Combination of Ionic Cross-Linking and Dehydration. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 552-560.	2.1	11
9	Mitigation of Membrane Biofouling in MBR Using a Cellulolytic Bacterium, <i>Undibacterium</i> sp. DM-1, Isolated from Activated Sludge. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 573-583.	2.1	7
10	Roles of soluble microbial products and extracellular polymeric substances in membrane fouling. , 2020, , 45-79.		4
11	Effect of Permeate Flux and Backwashing on Quorum Sensing and Quenching within Biocake Layer in Membrane Bioreactor. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	1