

Masatoshi Kishi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

228
citations

1040056

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996975

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18
all docs

18
docs citations

18
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of different light conditions on ammonium removal in a consortium of microalgae and partial nitrifying granules. <i>Water Research</i> , 2020, 171, 115445.	11.3	45
2	Biodegradability and methane productivity during anaerobic co-digestion of refractory leachate. <i>International Biodeterioration and Biodegradation</i> , 2012, 72, 46-51.	3.9	29
3	Carbon fixation properties of three alkalihalophilic microalgal strains under high alkalinity. <i>Journal of Applied Phycology</i> , 2018, 30, 401-410.	2.8	23
4	Simultaneous biological nitrification and desulfurization treatment of ammonium and sulfide-rich wastewater: Effectiveness of a sequential batch operation. <i>Chemosphere</i> , 2020, 244, 125381.	8.2	23
5	Microalgae cultivation using undiluted anaerobic digestate by introducing aerobic nitrification-desulfurization treatment. <i>Water Science and Technology</i> , 2020, 82, 1070-1080.	2.5	17
6	Stable nitrification under sulfide supply in a sequencing batch reactor with a long fill period. <i>Journal of Water Process Engineering</i> , 2018, 25, 190-194.	5.6	15
7	Isolation of lipid-rich marine microalgae by flow cytometric screening with Nile Red staining. <i>Aquaculture International</i> , 2019, 27, 509-518.	2.2	15
8	Carbon Mass Balance in <i>Arthrospira platensis</i> Culture with Medium Recycle and High CO ₂ Supply. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 228.	2.5	13
9	Conditions for continuous cultivation of <i>Chlorella sorokiniana</i> and nutrient removal from anaerobic digestion effluent of aquatic macrophytes. <i>International Biodeterioration and Biodegradation</i> , 2020, 149, 104923.	3.9	9
10	Development of a gas-permeable bag photobioreactor for energy-efficient oxygen removal from algal culture. <i>Algal Research</i> , 2021, 60, 102543.	4.6	9
11	Heterotrophic utilization of ethylene glycol and propylene glycol by <i>Chlorella protothecoides</i> . <i>Algal Research</i> , 2015, 11, 428-434.	4.6	8
12	Effect of Membrane Hydrophobicity and Thickness on Energy-Efficient Dissolved Oxygen Removal From Algal Culture. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 978.	4.1	8
13	Low temperatures in dark period affect biomass productivity of a cyanobacterium <i>Arthrospira platensis</i> . <i>Algal Research</i> , 2020, 52, 102132.	4.6	8
14	Enhanced growth of <i>Chromochloris zofingiensis</i> through the transition of nutritional modes. <i>Algal Research</i> , 2022, 65, 102723.	4.6	4
15	Sequential high rate algal ponds operation for enhanced treatment of organic wastewater. <i>Journal of Environmental Biology</i> , 2018, 39, 835-842.	0.5	2
16	Enhancement of microalgal production through bacterial mineralization of ethylene glycol. <i>Journal of Environmental Biology</i> , 2018, 39, 725-731.	0.5	0
17	Anaerobic Digestion Effluent Purification using Activated Sludge Process, Slow Sand Filtration, and Activated Carbon Filtration. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , 2022, 33, 1-10.	0.0	0