

# Kyochan Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,178  
citations

471509

17  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Bacterial Strains Isolated from Coastal Water for Wastewater Treatment and as Aqua-Feed Additives. <i>Microorganisms</i> , 2021, 9, 2441.	3.6	3
2	Biological wastewater treatment: Comparison of heterotrophs (BFT) with autotrophs (ABFT) in aquaculture systems. <i>Bioresource Technology</i> , 2020, 296, 122293.	9.6	27
3	Feed and Disease at Olive Flounder ( <i>Paralichthys olivaceus</i> ) Farms in Korea. <i>Fishes</i> , 2020, 5, 21.	1.7	11
4	Dynamical Modeling of Water Flux in Forward Osmosis with Multistage Operation and Sensitivity Analysis of Model Parameters. <i>Water (Switzerland)</i> , 2020, 12, 31.	2.7	15
5	Evaluation of floc-harvesting technologies in biofloc technology (BFT) system for aquaculture. <i>Bioresource Technology</i> , 2020, 314, 123719.	9.6	12
6	Nutrient-driven forward osmosis coupled with microalgae cultivation for energy efficient dewatering of microalgae. <i>Algal Research</i> , 2020, 48, 101880.	4.6	23
7	Tuna byproducts as a fish-meal in tilapia aquaculture. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 364-372.	6.0	25
8	Turbulent jet-assisted microfiltration for energy efficient harvesting of microalgae. <i>Journal of Membrane Science</i> , 2019, 575, 170-178.	8.2	18
9	Utilization of Microalgae in Aquaculture System: Biological Wastewater Treatment. <i>Emerging Science Journal</i> , 2019, 3, 209-221.	3.7	24
10	Evaluation of an electro-flotation-oxidation process for harvesting bio-flocculated algal biomass and simultaneous treatment of residual pollutants in coke wastewater following an algal-bacterial process. <i>Algal Research</i> , 2018, 31, 497-505.	4.6	20
11	Dynamic filtration with a perforated disk for dewatering of <i>Tetraselmis suecica</i> . <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 3102-3108.	2.2	4
12	Organic solvent-free lipid extraction from wet <i>Aurantiochytrium</i> sp. biomass for co-production of biodiesel and value-added products. <i>Applied Biological Chemistry</i> , 2017, 60, 101-108.	1.9	13
13	Harvesting of <i>Scenedesmus obliquus</i> cultivated in seawater using electro-flotation. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 62-65.	2.7	15
14	Autotrophic biofloc technology system (ABFT) using <i>Chlorella vulgaris</i> and <i>Scenedesmus obliquus</i> positively affects performance of Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Algal Research</i> , 2017, 27, 259-264.	4.6	40
15	Selective removal of rotifers in microalgae cultivation using hydrodynamic cavitation. <i>Algal Research</i> , 2017, 28, 24-29.	4.6	29
16	Harvesting of <i>Scenedesmus obliquus</i> using dynamic filtration with a perforated disk. <i>Journal of Membrane Science</i> , 2016, 517, 14-20.	8.2	12
17	Evaluation of various harvesting methods for high-density microalgae, <i>Aurantiochytrium</i> sp. KRS101. <i>Bioresource Technology</i> , 2015, 198, 828-835.	9.6	42
18	Cost-efficient cultivation of <i>Spirulina platensis</i> by chemical absorption of CO <sub>2</sub> into medium containing NaOH. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 2285-2289.	2.7	5

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19	Dynamic microfiltration with a perforated disk for effective harvesting of microalgae. <i>Journal of Membrane Science</i> , 2015, 475, 252-258.	8.2	42
20	Effects of molten-salt/ionic-liquid mixture on extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2199-2204.	3.4	17
21	Use of extracts from oyster shell and soil for cultivation of <i>Spirulina maxima</i> . <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2395-2400.	3.4	6
22	Acid-catalyzed hot-water extraction of docosahexaenoic acid (DHA)-rich lipids from <i>Aurantiochytrium</i> sp. KRS101. <i>Bioresource Technology</i> , 2014, 161, 469-472.	9.6	25
23	High-cell-density cultivation of oleaginous yeast <i>Cryptococcus curvatus</i> for biodiesel production using organic waste from the brewery industry. <i>Bioresource Technology</i> , 2013, 135, 357-364.	9.6	88
24	Use of organic waste from the brewery industry for high-density cultivation of the docosahexaenoic acid-rich microalga, <i>Aurantiochytrium</i> sp. KRS101. <i>Bioresource Technology</i> , 2013, 129, 351-359.	9.6	98
25	A novel fed-batch process based on the biology of <i>Aurantiochytrium</i> sp. KRS101 for the production of biodiesel and docosahexaenoic acid. <i>Bioresource Technology</i> , 2013, 135, 269-274.	9.6	54
26	Methods of downstream processing for the production of biodiesel from microalgae. <i>Biotechnology Advances</i> , 2013, 31, 862-876.	11.7	454
27	Continuous microalgae recovery using electrolysis: Effect of different electrode pairs and timing of polarity exchange. <i>Bioresource Technology</i> , 2012, 123, 164-170.	9.6	56