

Phoebe Mae L Ching

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

161
citations

1684188

5
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofuel from Microalgae: Sustainable Pathways. Sustainability, 2020, 12, 8009.	3.2	49
2	Advances in soft sensors for wastewater treatment plants: A systematic review. Journal of Water Process Engineering, 2021, 44, 102367.	5.6	31
3	Development of a wide-range soft sensor for predicting wastewater BOD5 using an eXtreme gradient boosting (XGBoost) machine. Environmental Research, 2022, 210, 112953.	7.5	29
4	AI Methods for Modeling the Vacuum Drying Characteristics of Chlorococcum infusionum for Algal Biofuel Production. Process Integration and Optimization for Sustainability, 2021, 5, 247-256.	2.6	12
5	Assessment of the Quality and Sustainability Implications of FIFO and LIFO Inventory Policies through System Dynamics. Advances in Science, Technology and Engineering Systems, 2019, 4, 69-81.	0.5	9
6	A Dynamic Sustainability Assessment of Algal Biorefineries for Biofuel Production. , 2019, , .		7
7	Optimal Synthesis of Algal Biorefineries for Biofuel Production Based on Techno-Economic and Environmental Efficiency. , 2019, , .		6
8	Early prediction of Spirulina platensis biomass yield for biofuel production using machine learning. Clean Technologies and Environmental Policy, 2022, 24, 2283-2293.	4.1	6
9	Categorizing License Plates Using Convolutional Neural Network with Residual Learning. , 2019, , .		4
10	An Assessment of FIFO and LIFO Policies for Perishable Inventory Systems Using the System Dynamics Approach. , 2019, , .		3
11	Spherical Mobile Robot for Monitoring and Tracking Children Indoors. , 2019, , .		3
12	Predicting Drying Curves in Algal Biorefineries using Gaussian Process Autoregressive Models. Digital Chemical Engineering, 2022, 4, 100036.	2.2	2