

Andres Philip Mayol

List of Publications by Year in descending order

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18
papers

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1163117

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docs citations

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172
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart sustainable biorefineries for lignocellulosic biomass. <i>Bioresource Technology</i> , 2022, 344, 126215.	9.6	47
2	Early prediction of <i>Spirulina platensis</i> biomass yield for biofuel production using machine learning. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2283-2293.	4.1	6
3	AI Methods for Modeling the Vacuum Drying Characteristics of <i>Chlorococcum infusionum</i> for Algal Biofuel Production. <i>Process Integration and Optimization for Sustainability</i> , 2021, 5, 247-256.	2.6	12
4	A Multi-Objective Life Cycle Optimization Model of an Integrated Algal Biorefinery toward a Sustainable Circular Bioeconomy Considering Resource Recirculation. <i>Energies</i> , 2021, 14, 1416.	3.1	20
5	Systems Dynamics Modeling of Pandemic Influenza for Strategic Policy Development: a Simulation-Based Analysis of the COVID-19 Case. <i>Process Integration and Optimization for Sustainability</i> , 2021, 5, 461-474.	2.6	13
6	Prediction of Moisture Content of <i>Chlorella vulgaris</i> Microalgae Using Hybrid Evolutionary Computing and Neural Network Variants for Biofuel Production. , 2021, , .		2
7	Policy Development for Pandemic Response Using System Dynamics: a Case Study on COVID-19. <i>Process Integration and Optimization for Sustainability</i> , 2020, 4, 497-501.	2.6	23
8	Multi-Objective Optimization of an Integrated Algal and Sludge-Based Bioenergy Park and Wastewater Treatment System. <i>Sustainability</i> , 2020, 12, 7793.	3.2	10
9	Multi-objective optimization of water exchanges between a wastewater treatment facility and algal biofuel production plant. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 463, 012050.	0.3	8
10	Environmental Life Cycle Analysis of Algal Biorefineries for Biofuel Production Under the Circular Economy Concept. , 2020, , .		0
11	A Dynamic Sustainability Assessment of Algal Biorefineries for Biofuel Production. , 2019, , .		7
12	Optimal Synthesis of Algal Biorefineries for Biofuel Production Based on Techno-Economic and Environmental Efficiency. , 2019, , .		6
13	Investigation of the Drying Characteristics of Seaweed using Offshore Dryer. , 2019, , .		1
14	Application of Artificial Neural Networks in prediction of pyrolysis behavior for algal mat (LABLAB) biomass. , 2018, , .		8
15	Understanding of Determinants of Household Vehicle Ownership Level toward Urban Sustainable Transportation in Southeast Asia – A Case Study in Metro Manila. , 2018, , .		3
16	Optimizing Human Resource Allocation in Organizations During Crisis Conditions: a P-graph Approach. <i>Process Integration and Optimization for Sustainability</i> , 2017, 1, 59-68.	2.6	13
17	Microwave drying characteristics of microalgae (<i>Chlorella vulgaris</i>) for biofuel production. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 2441-2451.	4.1	42
18	Life cycle validation study of algal biofuels in Philippines via CML impact assessment. , 2015, , .		5