

Phung Le

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

766
citations

623699

14
h-index

526264

27
g-index

31
all docs

31
docs citations

31
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling-up heterotrophic cultures of <i>C. Pyrenoidosa</i> microalgae for sustainable synthesis of low-density biodiesel mixtures and predict CI engine behavior at optimal proportions. <i>Environment, Development and Sustainability</i> , 2023, 25, 400-422.	5.0	2
2	Sustainable bioethanol and value-added chemicals production from paddy residues at pilot scale. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 185-197.	4.1	7
3	Recent Progresses in Eco-Friendly Fabrication and Applications of Sustainable Aerogels from Various Waste Materials. <i>Waste and Biomass Valorization</i> , 2022, 13, 1825-1847.	3.4	17
4	Composite aerogels of TEMPO-oxidized pineapple leaf pulp and chitosan for dyes removal. <i>Separation and Purification Technology</i> , 2022, 283, 120200.	7.9	27
5	Development of a paddy-based biorefinery approach toward improvement of biomass utilization for more bioproducts. <i>Chemosphere</i> , 2022, 289, 133249.	8.2	6
6	A novel application of cellulose aerogel composites from pineapple leaf fibers and cotton waste: Removal of dyes and oil in wastewater. <i>Journal of Porous Materials</i> , 2022, 29, 1137-1147.	2.6	8
7	Green fabrication of bio-based aerogels from coconut fibers for wastewater treatment. <i>Journal of Porous Materials</i> , 2022, 29, 1265-1278.	2.6	5
8	Depolymerization of Rice Straw Lignin into Value-Added Chemicals in Sub-Supercritical Ethanol. <i>Scientific World Journal, The</i> , 2022, 2022, 1-10.	2.1	5
9	Novel recycling of pineapple leaves into cellulose microfibrils by two-step grinding of ball milling and high-speed rotor-stator homogenization. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	2
10	A comparative study on modification of aerogel-based biosorbents from coconut fibers for treatment of dye- and oil-contaminated water. <i>Materials Today Sustainability</i> , 2022, 19, 100175.	4.1	10
11	Critical review on third generation micro algae biodiesel production and its feasibility as future bioenergy for IC engine applications. <i>Energy Conversion and Management</i> , 2021, 228, 113655.	9.2	96
12	Recycling of Pineapple Leaf and Cotton Waste Fibers into Heat-insulating and Flexible Cellulose Aerogel Composites. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1112-1121.	5.0	39
13	Advanced fabrication and multi-properties of aluminium hydroxide aerogels from aluminium wastes. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 885-894.	3.0	5
14	Fabrication and optimization of multifunctional nanoporous aerogels using recycled textile fibers from car tire wastes for oil-spill cleaning, heat-insulating and sound absorbing applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127363.	4.7	20
15	Green recycling of fly ash into heat and sound insulation composite aerogels reinforced by recycled polyethylene terephthalate fibers. <i>Journal of Cleaner Production</i> , 2021, 322, 129138.	9.3	17
16	Green fabrication of flexible aerogels from polypropylene fibers for heat insulation and oil/water separation. <i>Journal of Porous Materials</i> , 2021, 28, 617-627.	2.6	18
17	Recent Developments in Water Treatment by Cellulose Aerogels from Agricultural Waste. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 947, 012011.	0.3	3
18	Cellulose-based aerogels from sugarcane bagasse for oil spill-cleaning and heat insulation applications. <i>Carbohydrate Polymers</i> , 2020, 228, 115365.	10.2	153

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19	Heat and sound insulation applications of pineapple aerogels from pineapple waste. <i>Materials Chemistry and Physics</i> , 2020, 242, 122267.	4.0	70
20	Flocculation of <i>Chlorella vulgaris</i> by shell waste-derived bioflocculants for biodiesel production: Process optimization, characterization and kinetic studies. <i>Science of the Total Environment</i> , 2020, 702, 134995.	8.0	58
21	Advanced fabrication and application of pineapple aerogels from agricultural waste. <i>Materials Technology</i> , 2020, 35, 807-814.	3.0	31
22	Functionalized pineapple aerogels for ethylene gas adsorption and nickel (II) ion removal applications. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104524.	6.7	38
23	Recycling of waste tire fibers into advanced aerogels for thermal insulation and sound absorption applications. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104279.	6.7	45
24	The novel method to reduce the silica content in lignin recovered from black liquor originating from rice straw. <i>Scientific Reports</i> , 2020, 10, 21263.	3.3	38
25	Advanced aerogels from waste tire fibers for oil spill-cleaning applications. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104016.	6.7	39
26	Direct (hetero)arylation polymerization for the synthesis of donor-acceptor conjugated polymers based on benzoyldithieno [3,2-b:2',3'-d]pyrrole and diketopyrrolopyrrole toward organic photovoltaic cell application. <i>Polymer International</i> , 2019, 68, 1776-1786.	3.1	5
27	Bio hydrogen production from cassava starch by anaerobic mixed cultures: Multivariate statistical modeling. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0