

Kunlanan Kiatkittipong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7503197/publications.pdf>

Version: 2024-02-01

42
papers

1,230
citations

430442

18
h-index

377514

34
g-index

42
all docs

42
docs citations

42
times ranked

1454
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of CaO catalyst deactivation with unconventional monitoring method for glycerol carbonate production via transesterification of glycerol with dimethyl carbonate. <i>International Journal of Energy Research</i> , 2022, 46, 1646-1658.	2.2	10
2	Bioresources and biofuels—From classical to perspectives and trends. , 2022, , 165-220.		3
3	Optimization of Salt-Leaching Parameters for Gelatin/ $\text{Na}_2\text{Ti}_3\text{O}_7$ Scaffolds Using a Mixture Design Experiment. <i>Polymers</i> , 2022, 14, 559.	2.0	1
4	Catalytic Hydrotreating of Crude <i>Pongamia pinnata</i> Oil to Bio-Hydrogenated Diesel over Sulfided NiMo Catalyst. <i>Energies</i> , 2022, 15, 1547.	1.6	8
5	Anaerobic Co-Digestion of Food Waste with Sewage Sludge: Simulation and Optimization for Maximum Biogas Production. <i>Water (Switzerland)</i> , 2022, 14, 1075.	1.2	12
6	Fungal Fermented Palm Kernel Expeller as Feed for Black Soldier Fly Larvae in Producing Protein and Biodiesel. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 332.	1.5	13
7	Comprehensive Review on Potential Contamination in Fuel Ethanol Production with Proposed Specific Guideline Criteria. <i>Energies</i> , 2022, 15, 2986.	1.6	4
8	Enriched sewage sludge from anaerobic pre-treatment in spurring valorization potential of black soldier fly larvae. <i>Environmental Research</i> , 2022, 212, 113447.	3.7	14
9	Feasibility study of a combined system of electricity generation and cooling from liquefied natural gas to reduce the electricity cost of data centres. <i>Energy</i> , 2022, 254, 124397.	4.5	13
10	Cellulase pretreated palm decanter cake for feeding of black soldier fly larvae in triggering bioaccumulation of protein and lipid into biodiesel productions. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 53, 102485.	1.7	1
11	Black Soldier Fly Larval Valorization Benefitting from Ex-Situ Fungal Fermentation in Reducing Coconut Endosperm Waste. <i>Processes</i> , 2021, 9, 275.	1.3	10
12	<i>Rhizopus oligosporus</i> -Assisted Valorization of Coconut Endosperm Waste by Black Soldier Fly Larvae for Simultaneous Protein and Lipid to Biodiesel Production. <i>Processes</i> , 2021, 9, 299.	1.3	20
13	Blended Sewage Sludge—Palm Kernel Expeller to Enhance the Palatability of Black Soldier Fly Larvae for Biodiesel Production. <i>Processes</i> , 2021, 9, 297.	1.3	33
14	Effective Cu/Re promoted Ni-supported $\gamma\text{-Al}_2\text{O}_3$ catalyst for upgrading algae bio-crude oil produced by hydrothermal liquefaction. <i>Fuel Processing Technology</i> , 2021, 216, 106670.	3.7	35
15	Process and Energy Intensification of Glycerol Carbonate Production from Glycerol and Dimethyl Carbonate in the Presence of Eggshell-Derived CaO Heterogeneous Catalyst. <i>Energies</i> , 2021, 14, 4249.	1.6	7
16	Utilising Cold Energy from Liquefied Natural Gas (LNG) to Reduce the Electricity Cost of Data Centres. <i>Energies</i> , 2021, 14, 6269.	1.6	4
17	A review of organic waste enrichment for inducing palatability of black soldier fly larvae: Wastes to valuable resources. <i>Environmental Pollution</i> , 2020, 267, 115488.	3.7	79
18	Insight review of attached microalgae growth focusing on support material packed in photobioreactor for sustainable biodiesel production and wastewater bioremediation. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110306.	8.2	64

#	ARTICLE	IF	CITATIONS
19	Comparative Performances of Microalgal-Bacterial Co-Cultivation to Bioremediate Synthetic and Municipal Wastewaters Whilst Producing Biodiesel Sustainably. <i>Processes</i> , 2020, 8, 1427.	1.3	42
20	A Review on Insights for Green Production of Unconventional Protein and Energy Sources Derived from the Larval Biomass of Black Soldier Fly. <i>Processes</i> , 2020, 8, 523.	1.3	13
21	Green Pathway in Utilizing CO ₂ via Cycloaddition Reaction with Epoxide—A Mini Review. <i>Processes</i> , 2020, 8, 548.	1.3	68
22	Insight on Extraction and Characterisation of Biopolymers as the Green Coagulants for Microalgae Harvesting. <i>Water (Switzerland)</i> , 2020, 12, 1388.	1.2	35
23	Simultaneous Enhancement of Photocatalytic Bactericidal Activity and Strength Properties of Acrylonitrile-Butadiene-Styrene Plastic Via a Facile Preparation with Silane/TiO ₂ . <i>Polymers</i> , 2020, 12, 917.	2.0	6
24	Liquid—Liquid Phase Equilibria of Aqueous Biphasic Systems Based on Glycerol Formal: Application on Tetracycline Recovery from Water. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 4856-4862.	1.0	5
25	Thermohydraulics of TiO ₂ /Water Nanofluid in a Round Tube with Twisted Tape Inserts. <i>International Journal of Thermophysics</i> , 2019, 40, 1.	1.0	13
26	Synthesis of glycerol carbonate from dimethyl carbonate and glycerol using CaO derived from eggshells. <i>MATEC Web of Conferences</i> , 2018, 192, 03045.	0.1	8
27	A comparative study of sodium/hydrogen titanate nanotubes/nanoribbons on destruction of recalcitrant compounds and sedimentation. <i>Journal of Cleaner Production</i> , 2017, 148, 905-914.	4.6	9
28	Xylitol and gluconic acid productions via photocatalytic-glucose conversion using TiO ₂ fabricated by surfactant-assisted techniques: Effects of structural and textural properties. <i>Materials Chemistry and Physics</i> , 2017, 196, 29-36.	2.0	27
29	Epoxidation of methyl oleate in a TiO ₂ coated-wall capillary microreactor. <i>Chemical Engineering Journal</i> , 2017, 314, 594-599.	6.6	37
30	Alternative Hydrocarbon Biofuel Production via Hydrotreating under a Synthesis Gas Atmosphere. <i>Energy & Fuels</i> , 2017, 31, 12256-12262.	2.5	15
31	Nickel sulfide, nickel phosphide and nickel carbide catalysts for bio-hydrotreated fuel production. <i>Energy Conversion and Management</i> , 2017, 151, 324-333.	4.4	63
32	Preparation and Characterization of the Na ₂ Ti ₃ O ₇ : ABS/Na ₂ Ti ₃ O ₇ Composites. <i>Key Engineering Materials</i> , 2017, 753, 39-43.	0.4	2
33	Antibacterial and Mechanical Properties of the TiO ₂ /ABS Composites. <i>Key Engineering Materials</i> , 2017, 737, 209-213.	0.4	2
34	Oil extracted from spent coffee grounds for bio-hydrotreated diesel production. <i>Energy Conversion and Management</i> , 2016, 126, 1028-1036.	4.4	88
35	Catalytic reforming of glycerol in supercritical water with nickel-based catalysts. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 14739-14750.	3.8	36
36	Heat transfer enhancement by multiple twisted tape inserts and TiO ₂ /water nanofluid. <i>Applied Thermal Engineering</i> , 2014, 70, 896-924.	3.0	101

#	ARTICLE	IF	CITATIONS
37	Hydrogen production from catalytic supercritical water reforming of glycerol with cobalt-based catalysts. International Journal of Hydrogen Energy, 2013, 38, 4368-4379.	3.8	51
38	Photocatalysis of heat treated sodium- and hydrogen-titanate nanoribbons for water splitting, H ₂ /O ₂ generation and oxalic acid oxidation. Chemical Engineering Science, 2013, 93, 341-349.	1.9	29
39	Diesel-like hydrocarbon production from hydroprocessing of relevant refining palm oil. Fuel Processing Technology, 2013, 116, 16-26.	3.7	113
40	Hydrothermally Synthesized Titanate Nanostructures: Impact of Heat Treatment on Particle Characteristics and Photocatalytic Properties. ACS Applied Materials & Interfaces, 2011, 3, 3988-3996.	4.0	69
41	Investigating preparation parameters during titanium oxide nanoribbon synthesis. , 2010, , .		0
42	Understanding Hydrothermal Titanate Nanoribbon Formation. Crystal Growth and Design, 2010, 10, 3618-3625.	1.4	67