

Kunlanan Kiatkittipong

List of Publications by Year in descending order

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42
papers

1,230
citations

430442

18
h-index

377514

34
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42
all docs

42
docs citations

42
times ranked

1454
citing authors

#	ARTICLE	IF	CITATIONS
1	Diesel-like hydrocarbon production from hydroprocessing of relevant refining palm oil. Fuel Processing Technology, 2013, 116, 16-26.	3.7	113
2	Heat transfer enhancement by multiple twisted tape inserts and TiO ₂ /water nanofluid. Applied Thermal Engineering, 2014, 70, 896-924.	3.0	101
3	Oil extracted from spent coffee grounds for bio-hydrotreated diesel production. Energy Conversion and Management, 2016, 126, 1028-1036.	4.4	88
4	A review of organic waste enrichment for inducing palatability of black soldier fly larvae: Wastes to valuable resources. Environmental Pollution, 2020, 267, 115488.	3.7	79
5	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
6	Green Pathway in Utilizing CO ₂ via Cycloaddition Reaction with Epoxide—A Mini Review. Processes, 2020, 8, 548.	1.3	68
7	Understanding Hydrothermal Titanate Nanoribbon Formation. Crystal Growth and Design, 2010, 10, 3618-3625.	1.4	67
8	Insight review of attached microalgae growth focusing on support material packed in photobioreactor for sustainable biodiesel production and wastewater bioremediation. Renewable and Sustainable Energy Reviews, 2020, 134, 110306.	8.2	64
9	Nickel sulfide, nickel phosphide and nickel carbide catalysts for bio-hydrotreated fuel production. Energy Conversion and Management, 2017, 151, 324-333.	4.4	63
10	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
11	Comparative Performances of Microalgal-Bacterial Co-Cultivation to Bioremediate Synthetic and Municipal Wastewaters Whilst Producing Biodiesel Sustainably. Processes, 2020, 8, 1427.	1.3	42
12	Epoxidation of methyl oleate in a TiO ₂ coated-wall capillary microreactor. Chemical Engineering Journal, 2017, 314, 594-599.	6.6	37
13	Catalytic reforming of glycerol in supercritical water with nickel-based catalysts. International Journal of Hydrogen Energy, 2014, 39, 14739-14750.	3.8	36
14	Insight on Extraction and Characterisation of Biopolymers as the Green Coagulants for Microalgae Harvesting. Water (Switzerland), 2020, 12, 1388.	1.2	35
15	Effective Cu/Re promoted Ni-supported γ -Al ₂ O ₃ catalyst for upgrading algae bio-crude oil produced by hydrothermal liquefaction. Fuel Processing Technology, 2021, 216, 106670.	3.7	35
16	Blended Sewage Sludge—Palm Kernel Expeller to Enhance the Palatability of Black Soldier Fly Larvae for Biodiesel Production. Processes, 2021, 9, 297.	1.3	33
17	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
18	Xylitol and gluconic acid productions via photocatalytic-glucose conversion using TiO ₂ fabricated by surfactant-assisted techniques: Effects of structural and textural properties. Materials Chemistry and Physics, 2017, 196, 29-36.	2.0	27

#	ARTICLE	IF	CITATIONS
19	Rhizopus oligosporus-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
20	Alternative Hydrocarbon Biofuel Production via Hydrotreating under a Synthesis Gas Atmosphere. <i>Energy & Fuels</i> , 2017, 31, 12256-12262.	2.5	15
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Catalytic Hydrotreating of Crude Pongamia pinnata Oil to Bio-Hydrogenated Diesel over Sulfided NiMo Catalyst. <i>Energies</i> , 2022, 15, 1547.	1.6	8
32	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
33	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
34	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
35	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
36	Comprehensive Review on Potential Contamination in Fuel Ethanol Production with Proposed Specific Guideline Criteria. <i>Energies</i> , 2022, 15, 2986.	1.6	4

#	ARTICLE	IF	CITATIONS
37	Bioresources and biofuels”From classical to perspectives and trends. , 2022, , 165-220.		3
38	Preparation and Characterization of the Na ₂ Ti ₃ O ₇ : ABS/Na ₂ Ti ₃ O ₇ Composites. Key Engineering Materials, 2017, 753, 39-43.	0.4	2
39	Antibacterial and Mechanical Properties of the TiO ₂ /ABS Composites. Key Engineering Materials, 2017, 737, 209-213.	0.4	2
40	Optimization of Salt-Leaching Parameters for Gelatin/Na ₂ Ti ₃ O ₇ Scaffolds Using a Mixture Design Experiment. Polymers, 2022, 14, 559.	2.0	1
41	Cellulase pretreated palm decanter cake for feeding of black soldier fly larvae in triggering bioaccumulation of protein and lipid into biodiesel productions. Sustainable Energy Technologies and Assessments, 2022, 53, 102485.	1.7	1
42	Investigating preparation parameters during titanium oxide nanoribbon synthesis. , 2010, , .		0