

Yun Hin Taufiq Yap

List of Publications by Year in descending order

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305
papers

12,787
citations

25423

59
h-index

45040

94
g-index

306
all docs

306
docs citations

306
times ranked

10914
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of sulfonated carbon catalysts derived from biomass waste and its evaluation in glycerol acetylation. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2045-2060.	2.9	28
2	Photocatalytic Hydrogen from Water Over Semiconductors. <i>Green Energy and Technology</i> , 2022, , 175-194.	0.4	0
3	Multiple-objective optimization in green fuel production via catalytic deoxygenation reaction with NiO-dolomite catalyst. <i>Fuel</i> , 2022, 308, 122041.	3.4	12
4	In-situ operando and ex-situ study on light hydrocarbon-like-diesel and catalyst deactivation kinetic and mechanism study during deoxygenation of sludge oil. <i>Chemical Engineering Journal</i> , 2022, 429, 132206.	6.6	14
5	Functional novel ligand based palladium(II) separation and recovery from e-waste using solvent-ligand approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127767.	2.3	29
6	Hydrodeoxygenation of fatty acid over La-modified HZSM5 for premium quality renewable diesel production. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 161, 105406.	2.6	8
7	Heterogeneous Photocatalytic Chlorination of Methylene Blue Using a Newly Synthesized TiO ₂ -SiO ₂ Photocatalyst. <i>Catalysts</i> , 2022, 12, 156.	1.6	5
8	Photocatalytic treatment of detergent-contaminated wastewater: A short review on current progress. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 484-498.	1.2	16
9	Environment-friendly deoxygenation of non-edible Ceiba oil to liquid hydrocarbon biofuel: process parameters and optimization study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51143-51152.	2.7	2
10	Catalytically active metal oxides studies for the conversion technology of carboxylic acids and bioresource based fatty acids to ketones: A review. <i>Bioresource Technology Reports</i> , 2022, 17, 100988.	1.5	8
11	One-pot decarboxylation and decarbonylation reaction of waste cooking oil over activated carbon supported nickel-zinc catalyst into diesel-like fuels. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 164, 105505.	2.6	9
12	Synthesis of Carbide Lime Waste Derived Base Catalyst (KF/CLW-Fe ₃ O ₄) for Methyl Ester Production: An Optimization Study. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 127-134.	0.5	1
13	Selective Deoxygenation of Sludge Palm Oil into Diesel Range Fuel over Mn-Mo Supported on Activated Carbon Catalyst. <i>Catalysts</i> , 2022, 12, 566.	1.6	4
14	Chemoselective decarboxylation of ceiba oil to diesel-range alkanes over a red mud based catalyst under H ₂ -free conditions. <i>RSC Advances</i> , 2022, 12, 16903-16917.	1.7	4
15	Single-step catalytic deoxygenation-cracking of tung oil to bio-jet fuel over CoW/silica-alumina catalysts. <i>Fuel</i> , 2022, 325, 124917.	3.4	11
16	Production of green diesel via hydrogen-free and solventless deoxygenation reaction of waste cooking oil. <i>Journal of Cleaner Production</i> , 2022, 366, 132971.	4.6	8
17	Combustion and Emission Performance of CO/NO _x /SO _x for Green Diesel Blends in a Swirl Burner. <i>ACS Omega</i> , 2021, 6, 408-415.	1.6	13
18	Efficient reaction for biodiesel manufacturing using bi-functional oxide catalyst. <i>Catalysis Communications</i> , 2021, 149, 106201.	1.6	32

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19	Promoting dry reforming of methane <i>via</i> bifunctional NiO/dolomite catalysts for production of hydrogen-rich syngas. RSC Advances, 2021, 11, 6667-6681.	1.7	11
20	The effect of structure directing agents on micro/mesopore structures of aluminosilicates from Indonesian kaolin as deoxygenation catalysts. Microporous and Mesoporous Materials, 2021, 315, 110917.	2.2	13
21	Progress on Modified Calcium Oxide Derived Waste-Shell Catalysts for Biodiesel Production. Catalysts, 2021, 11, 194.	1.6	22
22	A review on catalytic hydrodeoxygenation of lignin to transportation fuels by using nickel-based catalysts. Renewable and Sustainable Energy Reviews, 2021, 138, 110667.	8.2	109
23	Hierarchical HZSM-5 for Catalytic Cracking of Oleic Acid to Biofuels. Nanomaterials, 2021, 11, 747.	1.9	16
24	Facile synthesis of nanosized La/ZrO ₂ catalysts for ketonization of free fatty acid and biomass feedstocks. Journal of the Taiwan Institute of Chemical Engineers, 2021, 121, 217-228.	2.7	7
25	Insight into CO ₂ reforming of CH ₄ via NiO/dolomite catalysts for production of H ₂ rich syngas. International Journal of Energy Research, 2021, 45, 15463-15480.	2.2	7
26	A promoter effect on hydrodeoxygenation reactions of oleic acid by zeolite beta catalysts. Journal of Analytical and Applied Pyrolysis, 2021, 155, 105044.	2.6	13
27	Evaluation of NiO/TALC Catalytic performance in carbon dioxide reforming of methane. Journal of the Taiwan Institute of Chemical Engineers, 2021, 122, 106-117.	2.7	5
28	Technological Advancement for Efficiency Enhancement of Biodiesel and Residual Glycerol Refining: A Mini Review. Processes, 2021, 9, 1198.	1.3	21
29	Advances in physiochemical and biotechnological approaches for sustainable metal recovery from e-waste: A critical review. Journal of Cleaner Production, 2021, 323, 129015.	4.6	50
30	Catalytic deoxygenation by H ₂ -free single-step conversion of free fatty acid feedstock over a Co-Ag carbon-based catalyst for green diesel production. Journal of Analytical and Applied Pyrolysis, 2021, 160, 105334.	2.6	16
31	Introducing the novel composite photocatalysts to boost the performance of hydrogen (H ₂) production. Journal of Cleaner Production, 2021, 313, 127909.	4.6	57
32	H ₂ -rich syngas from glycerol dry reforming over Ni-based catalysts supported on alumina from aluminum dross. International Journal of Hydrogen Energy, 2021, 46, 30959-30975.	3.8	21
33	Improving valuable metal ions capturing from spent Li-ion batteries with novel materials and approaches. Journal of Molecular Liquids, 2021, 338, 116703.	2.3	50
34	Towards the robust hydrogen (H ₂) fuel production with niobium complexes-A review. Journal of Cleaner Production, 2021, 318, 128439.	4.6	50
35	Catalytic deoxygenation of waste cooking oil utilizing nickel oxide catalysts over various supports to produce renewable diesel fuel. Biomass and Bioenergy, 2021, 154, 106248.	2.9	21
36	Step towards the sustainable toxic dyes removal and recycling from aqueous solution- A comprehensive review. Resources, Conservation and Recycling, 2021, 175, 105849.	5.3	152

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37	Enhanced CO ₂ methanation at mild temperature on Ni/zeolite from kaolin: effect of metal support interface. RSC Advances, 2021, 11, 16376-16387.	1.7	18
38	Lewis acid Ni/Al-MCM-41 catalysts for H ₂ -free deoxygenation of <i>Reutealis trisperma</i> oil to biofuels. RSC Advances, 2021, 11, 21885-21896.	1.7	13
39	Recent advancements and opportunities of decorated graphitic carbon nitride toward solar fuel production and beyond. Sustainable Energy and Fuels, 2021, 5, 4457-4511.	2.5	25
40	A Short Review on Catalyst, Feedstock, Modernised Process, Current State and Challenges on Biodiesel Production. Catalysts, 2021, 11, 1261.	1.6	28
41	Hydrodeoxygenation of oleic acid for effective diesel-like hydrocarbon production using zeolite-based catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 1069.	0.8	1
42	Future Aviation Biofuel, Efficiency and Climate Change. Green Energy and Technology, 2021, , 505-522.	0.4	0
43	Assessment on the Effect of Sulfuric Acid Concentration on Physicochemical Properties of Sulfated-Titania Catalyst and Glycerol Acetylation Performance. Catalysts, 2021, 11, 1542.	1.6	6
44	Assessment of clean H ₂ energy production from water using novel silicon photocatalyst. Journal of Cleaner Production, 2020, 244, 118805.	4.6	148
45	Biofuels: Past, Present, Future. Green Energy and Technology, 2020, , 489-504.	0.4	5
46	Catalytic deoxygenation of triolein to green fuel over mesoporous TiO ₂ aided by in situ hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 11605-11614.	3.8	22
47	Catalytic decomposition of methane into hydrogen and carbon nanotubes over mesostructured silica nanoparticle-supported nickel catalysts. Journal of Porous Materials, 2020, 27, 369-382.	1.3	11
48	Preparation of Na ₂ O supported CNTs nanocatalyst for efficient biodiesel production from waste-oil. Energy Conversion and Management, 2020, 205, 112445.	4.4	86
49	Production of green diesel from catalytic deoxygenation of chicken fat oil over a series binary metal oxide-supported MWCNTs. RSC Advances, 2020, 10, 626-642.	1.7	46
50	Ni, Zn and Fe hydrotalcite-like catalysts for catalytic biomass compound into green biofuel. Pure and Applied Chemistry, 2020, 92, 587-600.	0.9	8
51	Free-H ₂ deoxygenation of <i>Jatropha curcas</i> oil into cleaner diesel-grade biofuel over coconut residue-derived activated carbon catalyst. Journal of Cleaner Production, 2020, 249, 119381.	4.6	51
52	Influence of Heterogeneous Catalysts and Reaction Parameters on the Acetylation of Glycerol to Acetin: A Review. Applied Sciences (Switzerland), 2020, 10, 7155.	1.3	20
53	Effective catalytic deoxygenation of palm fatty acid distillate for green diesel production under hydrogen-free atmosphere over bimetallic catalyst CoMo supported on activated carbon. Fuel Processing Technology, 2020, 208, 106519.	3.7	62
54	Renewable diesel via solventless and hydrogen-free catalytic deoxygenation of palm fatty acid distillate. Journal of Cleaner Production, 2020, 274, 122850.	4.6	38

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55	Optimization and Characterization of Mesoporous Sulfonated Carbon Catalyst and Its Application in Modeling and Optimization of Acetin Production. <i>Molecules</i> , 2020, 25, 5221.	1.7	18
56	Development of bimetallic nickel-based catalysts supported on activated carbon for green fuel production. <i>RSC Advances</i> , 2020, 10, 37218-37232.	1.7	20
57	Catalytic conversion of waste cooking oil into biodiesel using functionally advanced recyclable iron-impregnated activated carbon materials. <i>Journal of Dispersion Science and Technology</i> , 2020, , 1-16.	1.3	4
58	Copper-dolomite as effective catalyst for glycerol hydrogenolysis to 1,2-propanediol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 112, 34-51.	2.7	28
59	Effect of La ₂ O ₃ as a Promoter on the Pt,Pd,Ni/MgO Catalyst in Dry Reforming of Methane Reaction. <i>Catalysts</i> , 2020, 10, 750.	1.6	10
60	K ₂ O Doped Dolomite as Heterogeneous Catalyst for Fatty Acid Methyl Ester Production from Palm Oil. <i>Catalysts</i> , 2020, 10, 791.	1.6	5
61	Synthesis of bifunctional nanocatalyst from waste palm kernel shell and its application for biodiesel production. <i>RSC Advances</i> , 2020, 10, 27183-27193.	1.7	24
62	Structural and catalytic studies of Mg _{1-x} Ni _x O nanomaterials for gasification of biomass in supercritical water for H ₂ -rich syngas production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33218-33234.	3.8	7
63	Production of methyl esters from waste cooking oil and chicken fat oil via simultaneous esterification and transesterification using acid catalyst. <i>Energy Conversion and Management</i> , 2020, 226, 113366.	4.4	31
64	Sulfonated SnO ₂ nanocatalysts <i>via</i> a self-propagating combustion method for esterification of palm fatty acid distillate. <i>RSC Advances</i> , 2020, 10, 29187-29201.	1.7	13
65	Enhancement of CO ₂ Reforming of CH ₄ Reaction Using Ni,Pd,Pt/Mg _{1-x} Ce _x O and Ni/Mg _{1-x} Ce _x O Catalysts. <i>Catalysts</i> , 2020, 10, 1240.	1.6	9
66	Biodiesel production via simultaneous esterification and transesterification of chicken fat oil by mesoporous sulfated Ce supported activated carbon. <i>Biomass and Bioenergy</i> , 2020, 141, 105714.	2.9	41
67	Sulfonated functionalization of carbon derived corncob residue via hydrothermal synthesis route for esterification of palm fatty acid distillate. <i>Energy Conversion and Management</i> , 2020, 210, 112698.	4.4	60
68	Supermagnetic Nano-Bifunctional Catalyst from Rice Husk: Synthesis, Characterization and Application for Conversion of Used Cooking Oil to Biodiesel. <i>Catalysts</i> , 2020, 10, 225.	1.6	43
69	Production of renewable diesel from <i>Jatropha curcas</i> oil via pyrolytic-deoxygenation over various multi-wall carbon nanotube-based catalysts. <i>Chemical Engineering Research and Design</i> , 2020, 142, 336-349.	2.7	48
70	Anticancer palladium-doped magnesia nanoparticles: synthesis, characterization, and <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 547-561.	1.7	8
71	Ultrathin Assemblies of Porous Array for Enhanced H ₂ Evolution. <i>Scientific Reports</i> , 2020, 10, 2324.	1.6	75
72	Optimization of Carbon Nanotube-Coated Monolith by Direct Liquid Injection Chemical Vapor Deposition Based on Taguchi Method. <i>Catalysts</i> , 2020, 10, 67.	1.6	10

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73	Green diesel production from palm fatty acid distillate over SBA-15-supported nickel, cobalt, and nickel/cobalt catalysts. <i>Biomass and Bioenergy</i> , 2020, 134, 105476.	2.9	78
74	Efficient deoxygenation of waste cooking oil over Co ₃ O ₄ –La ₂ O ₃ -doped activated carbon for the production of diesel-like fuel. <i>RSC Advances</i> , 2020, 10, 4996-5009.	1.7	47
75	The Evaluation on Three Types of Malaysian Dolomites as a Primary Catalyst in Gasification Reaction of EFB and Tar Cracking Efficiency. <i>Frontiers in Energy Research</i> , 2020, 8, .	1.2	4
76	SiO ₂ -Rich Sugar Cane Bagasse Ash Catalyst for Transesterification of Palm Oil. <i>Bioenergy Research</i> , 2020, 13, 986-997.	2.2	29
77	Application of Plasmonic Metal Nanoparticles in TiO ₂ -SiO ₂ Composite as an Efficient Solar-Activated Photocatalyst: A Review Paper. <i>Frontiers in Chemistry</i> , 2020, 8, 568063.	1.8	20
78	Sustainable Production of Bioenergy. <i>Green Energy and Technology</i> , 2020, , 541-561.	0.4	5
79	Application of modified red mud in environmentally-benign applications: A review paper. <i>Environmental Engineering Research</i> , 2020, 25, 795-806.	1.5	47
80	Hydrogen production via CO ₂ dry reforming of glycerol over Re Ni/CaO catalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20857-20871.	3.8	41
81	Esterification of palm fatty acid distillate (PFAD) to biodiesel using Bi-functional catalyst synthesized from waste angel wing shell (<i>Cyrtopleura costata</i>). <i>Renewable Energy</i> , 2019, 131, 187-196.	4.3	47
82	Improving the hydrogen production from water over MgO promoted Ni–Si/CNTs photocatalyst. <i>Journal of Cleaner Production</i> , 2019, 238, 117887.	4.6	158
83	Methyl ester production from palm fatty acid distillate (PFAD) using sulfonated cow dung-derived carbon-based solid acid catalyst. <i>Energy Conversion and Management</i> , 2019, 196, 1306-1315.	4.4	49
84	Free solvent oxidation of molecular benzyl alcohol by newly synthesized AuPd/titania catalysts. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107471.	1.8	19
85	Catalytic supercritical water gasification of oil palm frond biomass using nanosized MgO doped Zn catalysts. <i>Journal of Supercritical Fluids</i> , 2019, 154, 104610.	1.6	9
86	Facile Recoverable and Reusable Macroscopic Alumina Supported Ni-based Catalyst for Efficient Hydrogen Production. <i>Scientific Reports</i> , 2019, 9, 16358.	1.6	16
87	Catalytic Supercritical Water Gasification of Empty Palm Fruit Bunches Using ZnO-Doped Ni–CaO Catalyst for Hydrogen Production. <i>Bioenergy Research</i> , 2019, 12, 1066-1076.	2.2	11
88	Solvent-free catalytic deoxygenation of palm fatty acid distillate over cobalt and manganese supported on activated carbon originating from waste coconut shell. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 144, 104690.	2.6	50
89	Production of green biofuel by using a goat manure supported Ni–Al hydrotalcite catalysed deoxygenation process. <i>RSC Advances</i> , 2019, 9, 1642-1652.	1.7	5
90	Synthesis of carbonaceous solid acid magnetic catalyst from empty fruit bunch for esterification of palm fatty acid distillate (PFAD). <i>Energy Conversion and Management</i> , 2019, 195, 480-491.	4.4	43

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91	A Review on Thermal Conversion of Plant Oil (Edible and Inedible) into Green Fuel Using Carbon-Based Nanocatalyst. <i>Catalysts</i> , 2019, 9, 350.	1.6	62
92	Effective biodiesel synthesis from palm fatty acid distillate (PFAD) using carbon-based solid acid catalyst derived glycerol. <i>Renewable Energy</i> , 2019, 142, 658-667.	4.3	30
93	Appraisal of Sulphonation Processes to Synthesize Palm Waste Biochar Catalysts for the Esterification of Palm Fatty Acid Distillate. <i>Catalysts</i> , 2019, 9, 184.	1.6	14
94	Enhanced biodiesel synthesis from palm fatty acid distillate and modified sulfonated glucose catalyst via an oscillation flow reactor system. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102993.	3.3	19
95	Octanoic acid hydrodeoxygenation over bifunctional Ni/Al-SBA-15 catalysts. <i>Catalysis Science and Technology</i> , 2019, 9, 6673-6680.	2.1	34
96	Mesoporous NiO/Al-SBA-15 catalysts for solvent-free deoxygenation of palm fatty acid distillate. <i>Microporous and Mesoporous Materials</i> , 2019, 276, 13-22.	2.2	68
97	Esterification of palm fatty acid distillate using sulfonated carbon-based catalyst derived from palm kernel shell and bamboo. <i>Energy Conversion and Management</i> , 2019, 181, 562-570.	4.4	107
98	An Overview of Recent Research in the Conversion of Glycerol into Biofuels, Fuel Additives and other Bio-Based Chemicals. <i>Catalysts</i> , 2019, 9, 15.	1.6	127
99	Pyro-lytic de-oxygenation of waste cooking oil for green diesel production over Ag ₂ O ₃ -La ₂ O ₃ /AC nano-catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 137, 171-184.	2.6	65
100	Enhanced dry reforming toward hydrogen production over Ni/CeO ₂ SiO ₂ via different catalyst synthesis routes. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20738-20750.	3.8	16
101	Comparative study between supported and doped MgO catalysts in supercritical water gasification for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3690-3701.	3.8	15
102	Appraisal of Biodiesel Prepared Via Acid Catalysis from Palm Fatty Acid Distillate. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 2205-2210.	0.7	3
103	Efficient biodiesel production from <i>Jatropha curcus</i> using CaSO ₄ /Fe ₂ O ₃ -SiO ₂ core-shell magnetic nanoparticles. <i>Journal of Cleaner Production</i> , 2019, 208, 816-826.	4.6	222
104	Hydrogen production from glycerol dry reforming over Ag-promoted Ni/Al ₂ O ₃ . <i>International Journal of Hydrogen Energy</i> , 2019, 44, 213-225.	3.8	41
105	Effective biodiesel synthesis from waste cooking oil and biomass residue solid green catalyst. <i>Chemical Engineering Journal</i> , 2018, 347, 137-144.	6.6	94
106	CO ₂ Reforming of Methane over Ni/MgO Catalysts Promoted with Zr and La Oxides. <i>ChemistrySelect</i> , 2018, 3, 816-827.	0.7	25
107	Catalytic gasification of algal biomass for hydrogen-rich gas production: Parametric optimization via central composite design. <i>Energy Conversion and Management</i> , 2018, 158, 235-245.	4.4	81
108	Synthesis of char-based acidic catalyst for methanolysis of waste cooking oil: An insight into a possible valorization pathway for the solid by-product of gasification. <i>Energy Conversion and Management</i> , 2018, 158, 186-192.	4.4	31

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109	Promoting deoxygenation of triglycerides via Co-Ca loaded SiO ₂ -Al ₂ O ₃ catalyst. Applied Catalysis A: General, 2018, 552, 38-48.	2.2	42
110	Methoxy-functionalized mesostructured stable carbon catalysts for effective biodiesel production from non-edible feedstock. Chemical Engineering Journal, 2018, 334, 1851-1868.	6.6	54
111	Efficient waste Gallus domesticus shell derived calcium-based catalyst for biodiesel production. Fuel, 2018, 211, 67-75.	3.4	60
112	Modified waste egg shell derived bifunctional catalyst for biodiesel production from high FFA waste cooking oil. A review. Renewable and Sustainable Energy Reviews, 2018, 82, 3645-3655.	8.2	159
113	Pyrolytic-deoxygenation of triglycerides model compound and non-edible oil to hydrocarbons over SiO ₂ -Al ₂ O ₃ supported NiO-CaO catalysts. Journal of Analytical and Applied Pyrolysis, 2018, 129, 221-230.	2.6	46
114	Modified local carbonate mineral as deoxygenated catalyst for biofuel production via catalytic pyrolysis of waste cooking oil. AIP Conference Proceedings, 2018, , .	0.3	4
115	Nanolayered composite with enhanced ultraviolet ray absorption properties from simultaneous intercalation of sunscreen molecules. International Journal of Nanomedicine, 2018, Volume 13, 6359-6374.	3.3	11
116	Synthesis of bimetallic gold-palladium loaded on carbon as efficient catalysts for the oxidation of benzyl alcohol into benzaldehyde. Journal of Molecular Liquids, 2018, 271, 885-891.	2.3	54
117	Modified sulfonation method for converting carbonized glucose into solid acid catalyst for the esterification of palm fatty acid distillate. Fuel, 2018, 229, 68-78.	3.4	48
118	Kinetic and thermodynamic of heterogeneously K ₃ PO ₄ /AC-catalysed transesterification via pseudo-first order mechanism and Eyring-Polanyi equation. Fuel, 2018, 232, 653-658.	3.4	48
119	The crucial roles of inflammatory mediators in inflammation: A review. Veterinary World, 2018, 11, 627-635.	0.7	384
120	General Concepts for Catalytic Synthesis of Biodiesel from Waste Cooking Oil. Green Energy and Technology, 2018, , 429-455.	0.4	2
121	Green Biofuel Production via Catalytic Pyrolysis of Waste Cooking Oil using Malaysian Dolomite Catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 489-501.	0.5	21
122	Heterogeneous calcium-based bimetallic oxide catalyzed transesterification of Elaeis guineensis derived triglycerides for biodiesel production. Energy Conversion and Management, 2017, 141, 20-27.	4.4	43
123	Esterification of high free fatty acids in supercritical methanol using sulfated angel wing shells as catalyst. Journal of Supercritical Fluids, 2017, 124, 1-9.	1.6	28
124	Characterization, drug release profile and cytotoxicity of Dentatin-Hydroxypropyl-β-Cyclodextrin complex. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2017, 87, 167-178.	0.9	10
125	Phase equilibria in the Bi ₂ O ₃ -CuO-Nb ₂ O ₅ ternary system. Ceramics International, 2017, 43, 4930-4936.	2.3	4
126	Bio-oil production via catalytic solvolysis of biomass. RSC Advances, 2017, 7, 7820-7830.	1.7	26

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127	Synthesis of MnO-NiO-SO ₄ ²⁻ /ZrO ₂ solid acid catalyst for methyl ester production from palm fatty acid distillate. <i>Energy Conversion and Management</i> , 2017, 139, 166-174.	4.4	21
128	Efficient and reusable iron-zinc oxide catalyst for oxidative desulfurization of model fuel. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1645-1656.	3.3	39
129	Screening of solid base catalysts on palm oil based biolubricant synthesis. <i>Journal of Cleaner Production</i> , 2017, 148, 441-451.	4.6	30
130	Structural and optical studies of Er ³⁺ -doped alkali/alkaline oxide containing zinc boro-aluminosilicate glasses for 1.5- μ m optical amplifier applications. <i>Optical Materials</i> , 2017, 69, 401-419.	1.7	41
131	CO ₂ capture on NiO supported imidazolium-based ionic liquid. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	5
132	Effective synthesis of biodiesel from <i>Jatropha curcas</i> oil using betaine assisted nanoparticle heterogeneous catalyst from eggshell of <i>Gallus domesticus</i> . <i>Renewable Energy</i> , 2017, 111, 892-905.	4.3	60
133	Synthesis of biodiesel from palm fatty acid distillate using sulfonated palm seed cake catalyst. <i>Renewable Energy</i> , 2017, 111, 611-619.	4.3	98
134	Catalytic gasification of oil palm frond biomass in supercritical water using MgO supported Ni, Cu and Zn oxides as catalysts for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 11215-11228.	3.8	47
135	Basic properties of methyl palmitate-diesel blends. <i>Fuel</i> , 2017, 193, 1-6.	3.4	9
136	Structural, thermal and optical absorption features of heavy metal oxides doped tellurite rich glasses. <i>Results in Physics</i> , 2017, 7, 166-174.	2.0	41
137	Catalytic deoxygenation of triglycerides to green diesel over modified CaO-based catalysts. <i>RSC Advances</i> , 2017, 7, 46445-46460.	1.7	45
138	Deoxygenation of waste cooking to renewable diesel over walnut shell-derived nanorode activated carbon supported CaO-La ₂ O ₃ catalyst. <i>Energy Conversion and Management</i> , 2017, 151, 311-323.	4.4	82
139	Solid-phase and precipitation synthesis of Ti-pyrophosphate for the catalytic oxydehydrogenation of n-butane. <i>Comptes Rendus Chimie</i> , 2017, 20, 1037-1046.	0.2	4
140	Waterless purification using oil palm biomass-derived bioadsorbent improved the quality of biodiesel from waste cooking oil. <i>Journal of Cleaner Production</i> , 2017, 165, 262-272.	4.6	41
141	Production of methyl esters from waste cooking oil using a heterogeneous biomass-based catalyst. <i>Renewable Energy</i> , 2017, 114, 638-643.	4.3	34
142	Syngas production from the CO_2 reforming of methane over $\text{Co}/\text{Mg}_{1-x}\text{Ni}_x\text{O}$. <i>Journal of Chemical Sciences</i> , 2017, 129, 1781-1786.	0.7	3
143	Structural, thermal, and optical analysis of zinc boro-aluminosilicate glasses containing different alkali and alkaline modifier ions. <i>Journal of Non-Crystalline Solids</i> , 2017, 456, 55-63.	1.5	45
144	Production of green diesel via cleaner catalytic deoxygenation of <i>Jatropha curcas</i> oil. <i>Journal of Cleaner Production</i> , 2017, 167, 1048-1059.	4.6	98

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145	Extraction and Characterization of γ -Alumina from Waste Aluminium Dross. Waste and Biomass Valorization, 2017, 8, 321-327.	1.8	45
146	Degradation of enriched biodiesel under different storage conditions. Biofuels, 2017, 8, 181-186.	1.4	9
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