

Mohd Razali Shamsuddin

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,901
citations

377584

21
h-index

466096

32
g-index

32
all docs

32
docs citations

32
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoselective decarboxylation of ceiba oil to diesel-range alkanes over a red mud based catalyst under H ₂ -free conditions. RSC Advances, 2022, 12, 16903-16917.	1.7	4
2	Efficient reaction for biodiesel manufacturing using bi-functional oxide catalyst. Catalysis Communications, 2021, 149, 106201.	1.6	32
3	Catalytic ketonization of palmitic acid over a series of transition metal oxides supported on zirconia oxide-based catalysts. RSC Advances, 2021, 11, 31972-31982.	1.7	4
4	Promoting dry reforming of methane via bifunctional NiO/dolomite catalysts for production of hydrogen-rich syngas. RSC Advances, 2021, 11, 6667-6681.	1.7	11
5	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
6	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
7	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
8	Technological Advancement for Efficiency Enhancement of Biodiesel and Residual Glycerol Refining: A Mini Review. Processes, 2021, 9, 1198.	1.3	21
9	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
10	Lewis acid Ni/Al-MCM-41 catalysts for H ₂ -free deoxygenation of Reutealis trisperma oil to biofuels. RSC Advances, 2021, 11, 21885-21896.	1.7	13
11	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
12	Development of bimetallic nickel-based catalysts supported on activated carbon for green fuel production. RSC Advances, 2020, 10, 37218-37232.	1.7	20
13	Production of methyl esters from waste cooking oil and chicken fat oil via simultaneous esterification and transesterification using acid catalyst. Energy Conversion and Management, 2020, 226, 113366.	4.4	31
14	Green diesel production from palm fatty acid distillate over SBA-15-supported nickel, cobalt, and nickel/cobalt catalysts. Biomass and Bioenergy, 2020, 134, 105476.	2.9	78
15	Esterification of palm fatty acid distillate (PFAD) to biodiesel using Bi-functional catalyst synthesized from waste angel wing shell (Cyrtopleura costata). Renewable Energy, 2019, 131, 187-196.	4.3	47
16	Methyl ester production from palm fatty acid distillate (PFAD) using sulfonated cow dung-derived carbon-based solid acid catalyst. Energy Conversion and Management, 2019, 196, 1306-1315.	4.4	49
17	Effective biodiesel synthesis from palm fatty acid distillate (PFAD) using carbon-based solid acid catalyst derived glycerol. Renewable Energy, 2019, 142, 658-667.	4.3	30
18	Mesoporous NiO/Al-SBA-15 catalysts for solvent-free deoxygenation of palm fatty acid distillate. Microporous and Mesoporous Materials, 2019, 276, 13-22.	2.2	68

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Modified waste egg shell derived bifunctional catalyst for biodiesel production from high FFA waste cooking oil. A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3645-3655.	8.2	159
22	General Concepts for Catalytic Synthesis of Biodiesel from Waste Cooking Oil. <i>Green Energy and Technology</i> , 2018, , 429-455.	0.4	2
23	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
24	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
25	Investigation of heterogeneous solid acid catalyst performance on low grade feedstocks for biodiesel production: A review. <i>Energy Conversion and Management</i> , 2017, 141, 171-182.	4.4	240
26	Biodiesel production in the presence of sulfonated mesoporous ZnAl ₂ O ₄ catalyst via esterification of palm fatty acid distillate (PFAD). <i>Fuel</i> , 2016, 178, 253-262.	3.4	80
27	Meso- and macroporous sulfonated starch solid acid catalyst for esterification of palm fatty acid distillate. <i>Arabian Journal of Chemistry</i> , 2016, 9, 179-189.	2.3	63
28	Production of biodiesel from palm fatty acid distillate using sulfonated-glucose solid acid catalyst: Characterization and optimization. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1857-1864.	1.7	45
29	Biodiesel synthesis over millimetric γ -Al ₂ O ₃ /KI catalyst. <i>Energy</i> , 2015, 89, 965-973.	4.5	69
30	Sucrose-derived catalytic biodiesel synthesis from low cost palm fatty acid distillate. <i>Chemical Engineering Research and Design</i> , 2015, 95, 126-135.	2.7	32
31	Methyl ester production from palm fatty acid distillate using sulfonated glucose-derived acid catalyst. <i>Renewable Energy</i> , 2015, 81, 347-354.	4.3	91
32	Waste ostrich- and chicken-eggshells as heterogeneous base catalyst for biodiesel production from used cooking oil: Catalyst characterization and biodiesel yield performance. <i>Applied Energy</i> , 2015, 160, 58-70.	5.1	290