

Abdelrahman B Fadhil

List of Publications by Year in descending order

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38
papers

1,743
citations

218677

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1404
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#	ARTICLE	IF	CITATIONS
1	Polyethylene terephthalate waste-derived activated carbon for adsorptive desulfurization of dibenzothiophene from model gasoline: Kinetics and isotherms evaluation. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2594.	1.5	23
2	Production and characterization of liquid biofuels from locally available nonedible feedstocks. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, .	1.5	25
3	Biodiesel production from milk thistle seed oil as nonedible oil by cosolvent esterification-transesterification process. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2647.	1.5	8
4	Liquid bio-fuels and carbon adsorbents production via pyrolysis of non-edible feedstock. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 156, 105088.	5.5	23
5	Co-pyrolysis of mixed date pits and olive stones: Identification of bio-oil and the production of activated carbon from bio-char. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105249.	5.5	37
6	Production of biodiesel from non-edible oil, wild mustard (<i>Brassica Juncea</i> L.) seed oil through cleaner routes. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 1831-1843.	2.3	37
7	Biodiesel production from nonedible feedstock, radish seed oil by cosolvent method at room temperature: evaluation and analysis of biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 1891-1901.	2.3	24
8	Valorization of waste tires in the synthesis of an effective carbon based catalyst for biodiesel production from a mixture of non-edible oils. <i>Fuel</i> , 2020, 264, 116754.	6.4	68
9	Valorization of mixed radish seed oil and <i>Prunus armeniaca</i> L. oil as a promising feedstock for biodiesel production: Evaluation and analysis of biodiesels. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2390.	1.5	39
10	Biodiesel production through transesterification of a mixture of non-edible oils over lithium supported on activated carbon derived from scrap tires. <i>Energy Conversion and Management</i> , 2019, 201, 112149.	9.2	52
11	Transesterification of non-edible seed oil for biodiesel production: characterization and analysis of biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 892-901.	2.3	44
12	Transesterification of Bitter Almond Oil as a New Non-edible Feedstock with Mixed Alcohols System: Parameter Optimization and Analysis of Biodiesel. <i>Waste and Biomass Valorization</i> , 2019, 10, 1597-1608.	3.4	12
13	Production of mixed methyl/ethyl esters from waste fish oil through transesterification with mixed methanol/ethanol system. <i>Chemical Engineering Communications</i> , 2018, 205, 1157-1166.	2.6	38
14	Transesterification of non-edible oils over potassium acetate impregnated CaO solid base catalyst. <i>Fuel</i> , 2018, 234, 81-93.	6.4	52
15	Optimization of methyl esters production from non-edible oils using activated carbon supported potassium hydroxide as a solid base catalyst. <i>Arab Journal of Basic and Applied Sciences</i> , 2018, 25, 56-65.	2.1	32
16	CO-SOLVENT TRANSESTERIFICATION OF BITTER ALMOND OIL INTO BIODIESEL: OPTIMIZATION OF VARIABLES AND CHARACTERIZATION OF BIODIESEL. <i>Transport</i> , 2018, 33, 686-698.	1.2	29
17	Biodiesel production from bitter almond oil as new non-edible oil feedstock. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 649-656.	2.3	33
18	Evaluation of apricot (<i>Prunus armeniaca</i> L.) seed kernel as a potential feedstock for the production of liquid bio-fuels and activated carbons. <i>Energy Conversion and Management</i> , 2017, 133, 307-317.	9.2	57

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19	Biodiesel production from mixed non-edible oils, castor seed oil and waste fish oil. <i>Fuel</i> , 2017, 210, 721-728.	6.4	149
20	Date (<i>Phoenix dactylifera</i> L.) palm stones as a potential new feedstock for liquid bio-fuels production. <i>Fuel</i> , 2017, 210, 165-176.	6.4	61
21	Production of liquid fuels and activated carbons from fish waste. <i>Fuel</i> , 2017, 187, 435-445.	6.4	70
22	<i>Silybum marianum</i> L. seed oil: A novel feedstock for biodiesel production. <i>Arabian Journal of Chemistry</i> , 2017, 10, S683-S690.	4.9	50
23	Production of chicken fat ethyl esters via optimized protocols with dry washing by silica gel. <i>International Journal of Green Energy</i> , 2016, 13, 538-545.	3.8	14
24	Production and evaluation of biodiesel from mixed castor oil and waste chicken oil. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2140-2147.	2.3	20
25	Optimized alkali-catalyzed transesterification of wild mustard (<i>Brassica juncea</i> L.) seed oil. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2319-2325.	2.3	32
26	Co-solvent ethanolsis of chicken waste: Optimization of parameters and characterization of biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 2883-2890.	2.3	32
27	<i>Cyprinus carpio</i> fish oil: A novel feedstock for biodiesel production. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 3367-3374.	2.3	33
28	Potassium acetate supported on activated carbon for transesterification of new non-edible oil, bitter almond oil. <i>Fuel</i> , 2016, 170, 130-140.	6.4	60
29	Biodiesel production from <i>Silybum marianum</i> L. seed oil with high FFA content using sulfonated carbon catalyst for esterification and base catalyst for transesterification. <i>Energy Conversion and Management</i> , 2016, 108, 255-265.	9.2	161
30	Sulfonated tea waste: A low-cost adsorbent for purification of biodiesel. <i>International Journal of Green Energy</i> , 2016, 13, 110-118.	3.8	37
31	Ethanolsis of fish oil via optimized protocol and purification by dry washing of crude ethyl esters. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 58, 71-83.	5.3	36
32	Transesterification of a novel feedstock, <i>Cyprinus carpio</i> fish oil: Influence of co-solvent and characterization of biodiesel. <i>Fuel</i> , 2015, 162, 215-223.	6.4	82
33	Transesterification of mustard (<i>Brassica nigra</i>) seed oil with ethanol: Purification of the crude ethyl ester with activated carbon produced from de-oiled cake. <i>Energy Conversion and Management</i> , 2014, 77, 495-503.	9.2	80
34	Alkaline-catalyzed transesterification of <i>Silurus triostegus</i> Heckel fish oil: Optimization of transesterification parameters. <i>Renewable Energy</i> , 2013, 60, 481-488.	8.9	88
35	Biodiesel Production from Beef Tallow Using Alkali-Catalyzed Transesterification. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 41-47.	1.1	29
36	Optimization of Transesterification Parameters of Melon Seed Oil. <i>International Journal of Green Energy</i> , 2013, 10, 763-774.	3.8	34

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37	Purification of biodiesel using activated carbons produced from spent tea waste. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2012, 11, 45-49.	1.0	27
38	Kinetics and isothermal evaluations of adsorptive desulfurization of dibenzothiophene over mixed bio-wastes derived activated carbon. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-20.	2.3	15