

Abdelrahman B Fadhil

List of Publications by Year in descending order

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38
papers

1,743
citations

218677

26
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

1404
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Biodiesel production from mixed non-edible oils, castor seed oil and waste fish oil. <i>Fuel</i> , 2017, 210, 721-728. | 6.4 | 149 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Production of liquid fuels and activated carbons from fish waste. <i>Fuel</i> , 2017, 187, 435-445. | 6.4 | 70 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Transesterification of non-edible oils over potassium acetate impregnated CaO solid base catalyst. <i>Fuel</i> , 2018, 234, 81-93. | 6.4 | 52 |
| 12 | 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 |
| 13 | <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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | Ethanolysis 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 |
| 21 | Optimization of Transesterification Parameters of Melon Seed Oil. <i>International Journal of Green Energy</i> , 2013, 10, 763-774. | 3.8 | 34 |
| 22 | Cyprinus carpio 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Co-solvent ethanolysis 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 |
| 26 | 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 |
| 27 | Biodiesel Production from Beef Tallow Using Alkali-Catalyzed Transesterification. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 41-47. | 1.1 | 29 |
| 28 | 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 |
| 29 | Purification of biodiesel using activated carbons produced from spent tea waste. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2012, 11, 45-49. | 1.0 | 27 |
| 30 | Production and characterization of liquid biofuels from locally available nonedible feedstocks. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, . | 1.5 | 25 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Kinetics and isothermal evaluations of adsorptive desulfurization of dibenzothiophene over mixed bio-wastes derived activated carbon. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-20. | 2.3 | 15 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Transesterification of Bitter Almond Oil as a New Non-edible Feedstock with Mixed Alcohols System: Parameter Optimization and Analysis of Biodiesel. Waste and Biomass Valorization, 2019, 10, 1597-1608. | 3.4 | 12 |
| 38 | Biodiesel production from milk thistle seed oil as nonedible oil by cosolvent esterificationâ€“transesterification process. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2647. | 1.5 | 8 |