

Waste ostrich- and chicken-eggshells as heterogeneous production from used cooking oil: Catalyst characterization and performance

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Citation Report

#	ARTICLE	IF	CITATIONS
1	PRODUCTION OF BIODIESEL FROM PALM OIL USING EGG SHELL WASTE AS HETEROGENEOUS CATALYST. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	5
2	Biodiesel Production from Castor Oil by Using Calcium Oxide Derived from Mud Clam Shell. Journal of Renewable Energy, 2016, 2016, 1-8.	2.1	43
3	Feedstocks and challenges to biofuel development. , 2016, , 85-118.		5
4	Green biodiesel production from waste cooking oil using an environmentally benign acid catalyst. Waste Management, 2016, 52, 367-374.	3.7	110
5	Removal of phosphate and hexavalent chromium from aqueous solutions by engineered waste eggshell. RSC Advances, 2016, 6, 35332-35339.	1.7	20
6	Rice husk-derived sodium silicate as a highly efficient and low-cost basic heterogeneous catalyst for biodiesel production. Energy Conversion and Management, 2016, 119, 453-462.	4.4	121
7	Synthesis and characterization of Fe ₂ O ₃ /CaO derived from Anadara Granosa for methyl ester production. Energy Conversion and Management, 2016, 126, 124-131.	4.4	50
8	K ₂ O supported on sol-gel CeO ₂ -Al ₂ O ₃ and La ₂ O ₃ -Al ₂ O ₃ catalysts for the transesterification reaction of canola oil. Journal of Molecular Catalysis A, 2016, 423, 503-510.	4.8	17
9	Cutting Cost Technology for the Preparation of Biodiesel Using Environmentally Benign and Cheaper Catalyst. Catalysis Letters, 2016, 146, 2313-2323.	1.4	12
10	Improvement of the performance of encapsulated CaO and active carbon powders for rapeseed oil methanolysis to fatty acid methyl esters under condensed light irradiation. Fuel Processing Technology, 2016, 154, 197-203.	3.7	4
11	Catalytic applications of calcium rich waste materials for biodiesel: Current state and perspectives. Energy Conversion and Management, 2016, 127, 273-283.	4.4	67
12	Jajoba oil: A state of the art review and future prospects. Energy Conversion and Management, 2016, 129, 293-304.	4.4	72
13	Biodiesel production from waste cooking oil for use as fuel in artisanal fishing boats: Integrating environmental, economic and social aspects. Journal of Cleaner Production, 2016, 135, 679-688.	4.6	68
14	Biodiesel Production from Crude Jatropha Oil using a Highly Active Heterogeneous Nanocatalyst by Optimizing Transesterification Reaction Parameters. Energy & Fuels, 2016, 30, 334-343.	2.5	99
15	Valorization of agro-industrial by-products: analysis of biodiesel production from porcine fat waste. Journal of Cleaner Production, 2016, 112, 2553-2559.	4.6	18
16	Safe and Green Modified Ostrich Eggshell Membranes as Dual Functional Fuel Cell Membranes. Energy & Fuels, 2017, 31, 2017-2023.	2.5	22
17	Highly stable gasified straw slag as a novel solid base catalyst for the effective synthesis of biodiesel: Characteristics and performance. Applied Energy, 2017, 190, 703-712.	5.1	64
18	Catalytic co-pyrolysis of waste vegetable oil and high density polyethylene for hydrocarbon fuel production. Waste Management, 2017, 61, 276-282.	3.7	49

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19	Low cost guinea fowl bone derived recyclable heterogeneous catalyst for microwave assisted transesterification of <i>Annona squamosa</i> L. seed oil. <i>Energy Conversion and Management</i> , 2017, 138, 627-637.	4.4	50
20	Active Heterogeneous CaO Catalyst Synthesis from <i>Anadara granosa</i> (Kerang) Seashells for <i>Jatropha</i> Biodiesel Production. <i>MATEC Web of Conferences</i> , 2017, 87, 02008.	0.1	4
21	Egg shell waste as heterogeneous nanocatalyst for biodiesel production: Optimized by response surface methodology. <i>Journal of Environmental Management</i> , 2017, 198, 319-329.	3.8	177
22	Optimization of a batch CaO-catalyzed transesterification of used domestic waste oil with methanol and elucidation of a mathematical correlation between biodiesel yield and percent conversion. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1013-1028.	1.2	5
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24	Green fuel as alternative fuel for diesel engine: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 80, 694-709.	8.2	187
25	Production of biodiesel from three indigenous feedstock: Optimization of process parameters and assessment of various fuel properties. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 788-795.	1.3	18
26	A novel peat biochar supported catalyst for the transesterification reaction. <i>Energy Conversion and Management</i> , 2017, 139, 89-96.	4.4	57
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28	Enhanced FAME production using green catalyst with superior profile from the isolated halophilic <i>Aphanothece halophytica</i> grown in raceway ponds. <i>Energy Conversion and Management</i> , 2017, 151, 63-72.	4.4	8
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30	Methyl transesterification of waste cooking oil using a laboratory synthesized reusable heterogeneous base catalyst: Process optimization and homogeneity study of catalyst. <i>Energy Conversion and Management</i> , 2017, 148, 1438-1452.	4.4	59
31	Calcium Rich Food Wastes Based Catalysts for Biodiesel Production. <i>Waste and Biomass Valorization</i> , 2017, 8, 1699-1707.	1.8	42
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33	Recent insights into continuous-flow biodiesel production via catalytic and non-catalytic transesterification processes. <i>Applied Energy</i> , 2017, 185, 376-409.	5.1	115
34	Engine performance and emissions characteristics of a diesel engine fueled with diesel-biodiesel-bioethanol emulsions. <i>Energy Conversion and Management</i> , 2017, 132, 54-64.	4.4	119
35	Low cost heterogenous catalyst from (<i>Achatina Fulica</i>) snail shell and its application for biodiesel conversion via microwave irradiation. <i>Journal of Physics: Conference Series</i> , 2017, 909, 012082.	0.3	1
36	Life Cycle Cost and Sensitivity Analysis of <i>Reutealis trisperma</i> as Non-Edible Feedstock for Future Biodiesel Production. <i>Energies</i> , 2017, 10, 877.	1.6	26

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37	Active Razor Shell CaO Catalyst Synthesis for Jatropha Methyl Ester Production via Optimized Two-Step Transesterification. <i>Journal of Chemistry</i> , 2017, 2017, 1-20.	0.9	9
38	PRODUCTION OF BIODIESEL FROM PALM OIL USING COCKLE SHELL WASTE AS HETEROGENEOUS CATALYST. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.3	4
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46	Magnetic recyclable eggshell-based mesoporous catalyst for biodiesel production from crude neem oil: Process optimization by central composite design and artificial neural network. <i>Comptes Rendus Chimie</i> , 2018, 21, 684-695.	0.2	40
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56	Study of calcined eggshell as potential catalyst for biodiesel formation using used cooking oil. <i>Open Chemistry</i> , 2018, 16, 1166-1175.	1.0	20
57	Physicochemical property enhancement of biodiesel synthesis from hybrid feedstocks of waste cooking vegetable oil and Beauty leaf oil through optimized alkaline-catalysed transesterification. <i>Waste Management</i> , 2018, 80, 435-449.	3.7	63
58	Catalysts from renewable resources for biodiesel production. <i>Energy Conversion and Management</i> , 2018, 178, 277-289.	4.4	133
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61	Development of heterogeneous alkali catalyst from waste chicken eggshell for biodiesel production. <i>Renewable Energy</i> , 2018, 128, 142-154.	4.3	117
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63	Preparation of a CaO Nanocatalyst and Its Application for Biodiesel Production Using <i>Butea monosperma</i> Oil: An Optimization Study. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 2018, 95, 635-649.	0.8	16
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74	Application of Design for Manufacturing and Assembly: Development of a Multifeedstock Biodiesel Processor. , 0, , .		0
75	Waste Frying Oil as a Feedstock for Biodiesel Production. , 0, , .		1
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77	Low-energy synthesis of kaliophilite catalyst from circulating fluidized bed fly ash for biodiesel production. <i>Fuel</i> , 2019, 257, 116041.	3.4	32
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79	Development of a lithium based chicken bone (Li-Cb) composite as an efficient catalyst for biodiesel production. <i>Renewable Energy</i> , 2019, 136, 856-864.	4.3	49
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#	ARTICLE	IF	CITATIONS
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96	Process optimization for biodiesel production from <i>Moringa oleifera</i> oil using conch shells as heterogeneous catalyst. Environmental Progress and Sustainable Energy, 2019, 38, e13015.	1.3	32
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144	Solar irradiation assisted synthesis of biodiesel from waste cooking oil using calcium oxide derived from chicken eggshell. <i>Fuel</i> , 2020, 273, 117778.	3.4	22

#	ARTICLE	IF	CITATIONS
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