

# Catalyst derived from wastes for biofuel production: a landscape analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Circular economy: closing the catalyst loop with metal reclamation from spent catalysts, industrial waste, waste shells and animal bones. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11483-11498.	4.6	9
2	Optimization of drilling process parameters for self-lubricants reinforced aluminium metal matrix composites. <i>Materials Today: Proceedings</i> , 2021, , .	1.8	6
3	A Critical Review on Wood-Based Polymer Composites: Processing, Properties, and Prospects. <i>Polymers</i> , 2022, 14, 589.	4.5	52
4	Effect of fiber orientation on tribological behaviour of <i>Typha angustifolia</i> natural fiber reinforced composites. <i>Materials Today: Proceedings</i> , 2022, 62, 1958-1964.	1.8	12
5	Geopolymer catalysts derived from palm oil mill ash for biodiesel production from <i>Calophyllum inophyllum</i> oil. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 3735-3745.	3.1	2
6	Potash derived from orange peel supported on PVA as a heterogeneous catalyst for biodiesel production in the packed-bed reactor. <i>Applied Nanoscience (Switzerland)</i> , 0, , 1.	3.1	0
7	Aerogels as alternatives for thermal insulation in buildings – A comparative teeny review. <i>Materials Today: Proceedings</i> , 2022, 62, 5371-5377.	1.8	11
8	Optimization of process parameter in drilling of snake grass fiber reinforced composites. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	4
9	Sustainable and Renewable Nano-biocomposites for Sensors and Actuators: A Review on Preparation and Performance. <i>Current Analytical Chemistry</i> , 2023, 19, 38-69.	1.2	7
10	Fiber Reinforced Composite Manufacturing With the Aid of Artificial Intelligence – A State-of-the-Art Review. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 5511-5524.	10.2	17
11	Additive manufacturing of jute fiber reinforced polymer composites: A concise review of material forms and methods. <i>Polymer Composites</i> , 2022, 43, 6735-6748.	4.6	27
12	Sustainable renewable energy generation: A case study based teeny review. <i>Journal of Physics: Conference Series</i> , 2022, 2272, 012005.	0.4	0
15	Synthesis and thermomechanical properties of bioplastics and biocomposites: a systematic review. <i>Journal of Materials Chemistry B</i> , 2023, 11, 3307-3337.	5.8	8
16	Experimental investigation on performance, emission and combustion characteristics of neem oil bio diesel using ethanol blend. <i>Materials Today: Proceedings</i> , 2023, , .	1.8	0
17	Carbon nano-materials (CNMs) derived from biomass for energy storage applications: a review. <i>Carbon Letters</i> , 2023, 33, 661-690.	5.9	14
18	NiFe(CoFe)/silica and NiFe(CoFe)/alumina nanocomposites for the catalytic hydrogenation of CO <sub>2</sub> . <i>Applied Nanoscience (Switzerland)</i> , 0, , .	3.1	0
19	Effect of natural fillers as reinforcements on mechanical and thermal properties of HDPE composites. <i>Journal of Thermoplastic Composite Materials</i> , 2024, 37, 800-819.	4.2	1
20	Nanostructured Metals: Optical, Electrical, and Mechanical Properties. , 2023, , 69-85.		0

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21	Characteristics and Applications of Peptide Nucleic Acid in the Treatment of Infectious Diseases and the Effect of Antimicrobial Photodynamic Therapy on Treatment Effectiveness. Infectious Disorders - Drug Targets, 2024, 24, .	0.8	0
22	Performance analysis of a single slope forced convection solar dryer. AIP Conference Proceedings, 2023, , .	0.4	0
23	Analysis of brake performance of an all-terrain vehicles by simulation and experimental techniques. AIP Conference Proceedings, 2023, , .	0.4	0
24	Exploiting agro-waste for cleaner production: A review focusing on biofuel generation, bio-composite production, and environmental considerations. Journal of Cleaner Production, 2024, 435, 140536.	9.3	1
25	The sustainable prospect of biodiesel production: Transformative technologies, catalysts from bio-wastes, and techno-economic assessment. Materials Today: Proceedings, 2024, , .	1.8	0