

Adepoju Tunde Folorunsho

List of Publications by Year in descending order

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9
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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Methanolysis of CaO based catalyst derived from egg shell-snail shell-wood ash mixed for fatty acid methylester (FAME) synthesis from a ternary mixture of Irvingia gabonensis -Pentaclethra macrophylla - Elais guineensis oil blend: An application of simplex lattice and central composite design optimization. <i>Fuel</i> , 2020, 275, 117997. | 6.4 | 18 |
| 2 | Elucidate three novel catalysts synthesized from animal bones for the production of biodiesel from ternary non-edible and edible oil blend: A case of <i>Jatropha curcus</i> , <i>Hevea brasiliensis</i> , and <i>Elaeis guineensis</i> oil. <i>South African Journal of Chemical Engineering</i> , 2021, 36, 58-73. | 2.4 | 11 |
| 3 | A derived novel mesoporous catalyst for biodiesel synthesis from <i>Hura creptian</i> - <i>Sesamum indicum</i> - <i>Blighia sapida</i> -Ayo/Ncho oil blend: A case of <i>Brachyura</i> , <i>Achatina fulica</i> and <i>Littorina littorea</i> shells mix. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110163. | 16.4 | 9 |
| 4 | Data on the derived mesoporous based catalyst for the synthesized of fatty acid methyl ester (FAME) from ternary oil blend: An optimization approach. <i>Data in Brief</i> , 2020, 30, 105514. | 1.0 | 8 |
| 5 | Optimization conversion of beef tallow blend with waste used vegetable oil for fatty acid ethyl ester (FAEE) synthesis in the presence of bio-base derived from <i>Theobroma cacao</i> pod husks. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 6, 100218. | 6.1 | 8 |
| 6 | Datasets on process transesterification of binary blend of oil for fatty acid ethyl ester (FAEE) synthesized via the ethanolysis of heterogeneous doped catalyst. <i>Data in Brief</i> , 2020, 31, 105905. | 1.0 | 7 |
| 7 | Synthesis of biodiesel from <i>Annona muricata</i> & <i>Calophyllum inophyllum</i> oil blends using calcined waste wood ash as a heterogeneous base catalyst. <i>MethodsX</i> , 2021, 8, 101188. | 1.6 | 7 |
| 8 | An application of non-edible oils, bio-base catalyst, and process optimization as an economical route for a hybridized oil biodiesel synthesis. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 6, 100231. | 6.1 | 6 |
| 9 | Appraisal of CaO derived from waste fermented-unfermented kola nut pod for fatty acid methylester (FAME) synthesis from <i>Butyrospermum parkii</i> (Shea butter) oil. <i>South African Journal of Chemical Engineering</i> , 2020, 33, 160-171. | 2.4 | 3 |