

Yakubu Mandafiya John

List of Publications by Year in descending order

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13
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Review of Modelling of the FCC Unitâ€™Part II: The Regenerator. <i>Energies</i> , 2022, 15, 388. | 3.1 | 6 |
| 2 | A Review of Modelling of the FCC Unitâ€™Part I: The Riser. <i>Energies</i> , 2022, 15, 308. | 3.1 | 8 |
| 3 | Designation of Flood Risk Zones Using the Geographic Information System Technique and Remote Sensing Data in Wasit, Iraq. <i>Geomatics and Environmental Engineering</i> , 2021, 15, 129-140. | 1.2 | 1 |
| 4 | Scope and Limitations of the Mathematical Models Developed for the Forward Feed Multi-Effect Distillation Processâ€™A Review. <i>Processes</i> , 2020, 8, 1174. | 2.8 | 5 |
| 5 | Effect of hydrogen partial pressure on catalytic reforming process of naphtha. <i>Computers and Chemical Engineering</i> , 2020, 143, 107090. | 3.8 | 7 |
| 6 | An Innovative Design of an Integrated MED-TVC and Reverse Osmosis System for Seawater Desalination: Process Explanation and Performance Evaluation. <i>Processes</i> , 2020, 8, 607. | 2.8 | 9 |
| 7 | Modelling, simulation and sensitivity analysis of naphtha catalytic reforming reactions. <i>Computers and Chemical Engineering</i> , 2019, 130, 106531. | 3.8 | 12 |
| 8 | Effect of compressibility factor on the hydrodynamics of naphtha catalytic-reforming reactors. <i>Applied Petrochemical Research</i> , 2019, 9, 147-168. | 1.3 | 1 |
| 9 | Parameter estimation of a six-lump kinetic model of an industrial fluid catalytic cracking unit. <i>Fuel</i> , 2019, 235, 1436-1454. | 6.4 | 49 |
| 10 | Effects of compressibility factor on fluid catalytic cracking unit riser hydrodynamics. <i>Fuel</i> , 2018, 223, 230-251. | 6.4 | 8 |
| 11 | Maximization of propylene in an industrial FCC unit. <i>Applied Petrochemical Research</i> , 2018, 8, 79-95. | 1.3 | 11 |
| 12 | Modelling and simulation of an industrial riser in fluid catalytic cracking process. <i>Computers and Chemical Engineering</i> , 2017, 106, 730-743. | 3.8 | 15 |
| 13 | Maximization of Gasoline in an Industrial Fluidized Catalytic Cracking Unit. <i>Energy & Fuels</i> , 2017, 31, 5645-5661. | 5.1 | 18 |