

Engr Dr KeChrist Obileke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4988806/publications.pdf>

Version: 2024-02-01

13
papers

368
citations

1039880

9
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

165
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Minimizing carbon footprint via microalgae as a biological capture. Carbon Capture Science & Technology, 2021, 1, 100007. | 4.9 | 103 |
| 2 | Waste to Energy: A Focus on the Impact of Substrate Type in Biogas Production. Processes, 2020, 8, 1224. | 1.3 | 70 |
| 3 | Anaerobic digestion: Technology for biogas production as a source of renewable energyâ€”A review. Energy and Environment, 2021, 32, 191-225. | 2.7 | 46 |
| 4 | Current Research and Applications of Starch-Based Biodegradable Films for Food Packaging. Polymers, 2022, 14, 1126. | 2.0 | 44 |
| 5 | Bioenergy from bio-waste: a bibliometric analysis of the trend in scientific research from 1998â€”2018. Biomass Conversion and Biorefinery, 2022, 12, 1077-1092. | 2.9 | 19 |
| 6 | A Cold Plasma Technology for Ensuring the Microbiological Safety and Quality of Foods. Food Engineering Reviews, 2022, 14, 535-554. | 3.1 | 19 |
| 7 | Financial and economic feasibility of bio-digesters for rural residential demand-side management and sustainable development. Energy Reports, 2021, 7, 1728-1741. | 2.5 | 17 |
| 8 | Development of a Mathematical Model and Validation for Methane Production Using Cow Dung as Substrate in the Underground Biogas Digester. Processes, 2021, 9, 643. | 1.3 | 13 |
| 9 | Materials for the design and construction of household biogas digesters for biogas production: A review. International Journal of Energy Research, 2021, 45, 3761-3779. | 2.2 | 10 |
| 10 | Comparative Study on the Performance of Aboveground and Underground Fixedâ€”Dome Biogas Digesters. Chemical Engineering and Technology, 2020, 43, 68-74. | 0.9 | 9 |
| 11 | Slurry Utilization and Impact of Mixing Ratio in Biogas Production. Chemical Engineering and Technology, 2017, 40, 1742-1749. | 0.9 | 7 |
| 12 | Design and Fabrication of a Plastic Biogas Digester for the Production of Biogas from Cow Dung. Journal of Engineering (United States), 2020, 2020, 1-11. | 0.5 | 7 |
| 13 | Thermal Performance Evaluation of a Double Pipe Heat Exchanger Installed in a Biomass Gasification System. Journal of Engineering (United States), 2020, 2020, 1-8. | 0.5 | 4 |