

# 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	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
2	Current Research and Applications of Starch-Based Biodegradable Films for Food Packaging. Polymers, 2022, 14, 1126.	2.0	44
3	A Cold Plasma Technology for Ensuring the Microbiological Safety and Quality of Foods. Food Engineering Reviews, 2022, 14, 535-554.	3.1	19
4	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
5	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
6	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
7	Anaerobic digestion: Technology for biogas production as a source of renewable energyâ€”A review. Energy and Environment, 2021, 32, 191-225.	2.7	46
8	Minimizing carbon footprint via microalgae as a biological capture. Carbon Capture Science & Technology, 2021, 1, 100007.	4.9	103
9	Comparative Study on the Performance of Aboveground and Underground Fixedâ€”Dome Biogas Digesters. Chemical Engineering and Technology, 2020, 43, 68-74.	0.9	9
10	Waste to Energy: A Focus on the Impact of Substrate Type in Biogas Production. Processes, 2020, 8, 1224.	1.3	70
11	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
12	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
13	Slurry Utilization and Impact of Mixing Ratio in Biogas Production. Chemical Engineering and Technology, 2017, 40, 1742-1749.	0.9	7