

# Yakubu Mandafiya John

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8939013/publications.pdf>

Version: 2024-02-01

13  
papers

150  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

132  
citing authors

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