

# Manobendro Sarker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1014897/publications.pdf>

Version: 2024-02-01

16  
papers

1,398  
citations

759055

12  
h-index

940416

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotic Species in the Modulation of Gut Microbiota: An Overview. BioMed Research International, 2018, 2018, 1-8.	0.9	500
2	Immunomodulatory Effects of Probiotics on Cytokine Profiles. BioMed Research International, 2018, 2018, 1-10.	0.9	288
3	A review on the catalytic pyrolysis of biomass for the bio-oil production with ZSM-5: Focus on structure. Fuel Processing Technology, 2020, 199, 106301.	3.7	159
4	Multi-scale complexities of solid acid catalysts in the catalytic fast pyrolysis of biomass for bio-oil production – A review. Progress in Energy and Combustion Science, 2020, 80, 100852.	15.8	137
5	Catalytic pyrolysis of pinewood over ZSM-5 and CaO for aromatic hydrocarbon: Analytical Py-GC/MS study. Journal of the Energy Institute, 2020, 93, 425-435.	2.7	64
6	Review on Aging of Bio-Oil from Biomass Pyrolysis and Strategy to Slowing Aging. Energy & Fuels, 2021, 35, 11665-11692.	2.5	39
7	Comparative study of fast pyrolysis, hydrolysis and catalytic hydrolysis of poplar sawdust and rice husk in a modified Py-GC/MS microreactor system: Insights into product distribution, quantum description and reaction mechanism. Renewable and Sustainable Energy Reviews, 2020, 119, 109604.	8.2	38
8	Catalytic pyrolysis of microcrystalline cellulose extracted from rice straw for high yield of hydrocarbon over alkali modified ZSM-5. Fuel, 2021, 285, 119038.	3.4	34
9	Potentiality of combined catalyst for high quality bio-oil production from catalytic pyrolysis of pinewood using an analytical Py-GC/MS and fixed bed reactor. Journal of the Energy Institute, 2020, 93, 1737-1746.	2.7	32
10	Performance of alkali and Ni-modified ZSM-5 during catalytic pyrolysis of extracted hemicellulose from rice straw for the production of aromatic hydrocarbons. Renewable Energy, 2021, 175, 936-951.	4.3	32
11	Balancing the Aromatic and Ketone Content of Bio-oils as Rejuvenators to Enhance Their Efficacy in Restoring Properties of Aged Bitumen. ACS Sustainable Chemistry and Engineering, 2021, 9, 6912-6922.	3.2	23
12	Impact of acid-modified ZSM-5 on hydrocarbon yield of catalytic co-pyrolysis of poplar wood sawdust and high-density polyethylene by Py-GC/MS analysis. Journal of the Energy Institute, 2020, 93, 2435-2443.	2.7	22
13	Synergistic Effects of Anaerobic Co-Digestion of Pretreated Corn Stover with Chicken Manure and Its Kinetics. Applied Biochemistry and Biotechnology, 2021, 193, 515-532.	1.4	12
14	Assessment of the Potential of Watermelon Rind Powder for the Value Addition of Noodles. Journal of Biosystems Engineering, 2020, 45, 223-231.	1.2	9
15	A review on antibiotic residue in foodstuffs from animal source: global health risk and alternatives. International Journal of Environmental Analytical Chemistry, 2023, 103, 3704-3721.	1.8	8
16	Biorefinery of industrial hemp for value-added products. Advances in Bioenergy, 2022, , .	0.5	0