

# Sana Malik

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

783  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a newly isolated cyanobacterium <i>Trichocoleus desertorum</i> BERC08 as a potential feedstock for the algal biorefinery. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5283-5294.	4.6	9
2	Advances in pretreatment technology for handling the palm oil mill effluent: Challenges and prospects. <i>Bioresource Technology</i> , 2022, 344, 126239.	9.6	20
3	Untargeted metabolomics of the alkaliphilic cyanobacterium <i>Plectonema terebrans</i> elucidated novel stress-responsive metabolic modulations. <i>Journal of Proteomics</i> , 2022, 252, 104447.	2.4	5
4	A novel wastewater-derived cascading algal biorefinery route for complete valorization of the biomass to biodiesel and value-added bioproducts. <i>Energy Conversion and Management</i> , 2022, 256, 115360.	9.2	33
5	Characterization of a newly isolated cyanobacterium <i>Plectonema terebrans</i> for biotransformation of the wastewater-derived nutrients to biofuel and high-value bioproducts. <i>Journal of Water Process Engineering</i> , 2021, 39, 101702.	5.6	31
6	Impact of wastewater cultivation on pollutant removal, biomass production, metabolite biosynthesis, and carbon dioxide fixation of newly isolated cyanobacteria in a multiproduct biorefinery paradigm. <i>Bioresource Technology</i> , 2021, 333, 125194.	9.6	39
7	Developing fourth-generation biofuels secreting microbial cell factories for enhanced productivity and efficient product recovery; a review. <i>Fuel</i> , 2021, 298, 120858.	6.4	13
8	Advances in Green Technologies for the Removal of Effluent Organic Matter from the Urban Wastewater. <i>Current Pollution Reports</i> , 2021, 7, 463-475.	6.6	11
9	Advances in developing metabolically engineered microbial platforms to produce fourth-generation biofuels and high-value biochemicals. <i>Bioresource Technology</i> , 2021, 337, 125510.	9.6	33
10	Cultivating microalgae in wastewater for biomass production, pollutant removal, and atmospheric carbon mitigation; a review. <i>Science of the Total Environment</i> , 2020, 704, 135303.	8.0	274
11	Recombinant Protein Production in Microalgae: Emerging Trends. <i>Protein and Peptide Letters</i> , 2020, 27, 105-110.	0.9	27
12	Bioenergy potential of the residual microalgal biomass produced in city wastewater assessed through pyrolysis, kinetics and thermodynamics study to design algal biorefinery. <i>Bioresource Technology</i> , 2019, 289, 121701.	9.6	78
13	Thermodynamics and Kinetics Parameters of <i>Eichhornia crassipes</i> Biomass for Bioenergy. <i>Protein and Peptide Letters</i> , 2018, 25, 187-194.	0.9	15
14	Heterologous Synthesis and Recovery of Advanced Biofuels from Bacterial Cell Factories. <i>Protein and Peptide Letters</i> , 2018, 25, 120-128.	0.9	3
15	Pyrolysis and kinetic analyses of Camel grass ( <i>Cymbopogon schoenanthus</i> ) for bioenergy. <i>Bioresource Technology</i> , 2017, 228, 18-24.	9.6	184
16	Prospects of Multiproduct Algal Biorefineries Involving Cascading Processing of the Biomass Employing a Zero-Waste Approach. <i>Current Pollution Reports</i> , 0, , 1.	6.6	8