

# 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  | 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       |
| 2  | Pyrolysis and kinetic analyses of Camel grass ( <i>Cymbopogon schoenanthus</i> ) for bioenergy. <i>Bioresource Technology</i> , 2017, 228, 18-24.  | 9.6 | 184       |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | Recombinant Protein Production in Microalgae: Emerging Trends. <i>Protein and Peptide Letters</i> , 2020, 27, 105-110.   | 0.9 | 27        |
| 9  | Advances in pretreatment technology for handling the palm oil mill effluent: Challenges and prospects. <i>Bioresource Technology</i> , 2022, 344, 126239.  | 9.6 | 20        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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         |
| 14 | 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         |
| 15 | 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         |
| 16 | Heterologous Synthesis and Recovery of Advanced Biofuels from Bacterial Cell Factories. <i>Protein and Peptide Letters</i> , 2018, 25, 120-128.  | 0.9 | 3         |