

# Amit K Bajhaiya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7139275/publications.pdf>

Version: 2024-02-01

21  
papers

472  
citations

1039880

9  
h-index

996849

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algal lipids for biofuel production: strategies, environmental impacts, downstream processing and commercialization. <i>Phytochemistry Reviews</i> , 2023, 22, 1127-1145.	3.1	3
2	Genetic Engineering of Microalgae for Secondary Metabolite Production: Recent Developments, Challenges, and Future Prospects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836056.	2.0	24
3	Biohydrogen production from waste activated sludge through thermochemical mechanical pretreatment. <i>Bioresource Technology</i> , 2022, 358, 127301.	4.8	5
4	Biofuel production from Macroalgae: present scenario and future scope. <i>Bioengineered</i> , 2021, 12, 9216-9238.	1.4	41
5	Microalgae as a Source of Mycosporine-like Amino Acids (MAAs); Advances and Future Prospects. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12402.	1.2	18
6	Nuclear proteome analysis of <i>Chlamydomonas</i> with response to CO <sub>2</sub> limitation. <i>Algal Research</i> , 2020, 46, 101765.	2.4	15
7	Changes in lipid and carotenoid metabolism in <i>Chlamydomonas reinhardtii</i> during induction of CO <sub>2</sub> -concentrating mechanism: Cellular response to low CO <sub>2</sub> stress. <i>Algal Research</i> , 2020, 52, 102099.	2.4	9
8	Promises and Challenges of Growing Microalgae in Wastewater. , 2019, , 29-53.		11
9	Potential of Blue-Green Algae in Wastewater Treatment. , 2019, , 363-381.		7
10	Heavy Metal Bioremediation by Microalgae. , 2019, , 57-75.		1
11	Improvements in biomass production: Learning lessons from the bioenergy plants maize and sorghum. <i>Journal of Environmental Biology</i> , 2019, 40, 400-406.	0.2	6
12	Bioremediation of Organic Xenobiotics from Wastewater. , 2019, , 111-134.		0
13	Transcriptional Engineering of Microalgae: Prospects for High-Value Chemicals. <i>Trends in Biotechnology</i> , 2017, 35, 95-99.	4.9	92
14	Recent Advances in Improving Ecophysiology of Microalgae for Biofuels. , 2017, , 141-162.		2
15	High-throughput metabolic screening of microalgae genetic variation in response to nutrient limitation. <i>Metabolomics</i> , 2016, 12, 9.	1.4	35
16	PSR1 Is a Global Transcriptional Regulator of Phosphorus Deficiency Responses and Carbon Storage Metabolism in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2016, 170, 1216-1234.	2.3	91
17	Metabolic responses of eukaryotic microalgae to environmental stress limit the ability of FT-IR spectroscopy for species identification. <i>Algal Research</i> , 2015, 11, 148-155.	2.4	74
18	Potential of Bioenergy Production from Microalgae. <i>Current Sustainable/Renewable Energy Reports</i> , 2014, 1, 94-103.	1.2	32

#	ARTICLE	IF	CITATIONS
19	Biodegradation of Crude Oil Sludge Using Municipal Solid Waste as Bulking Agent. Asian Journal of Biological Sciences, 2013, 6, 207-213.	0.2	2
20	Approaches and Prospectives for Algal Fuel. Cellular Origin and Life in Extreme Habitats, 2012, , 43-62.	0.3	2
21	Algae Based Bio-Plastics: Future of Green Economy. , 0, , .		2