# Amit K Bajhaiya

List of Publications by Year
in descending order



| 21 | 472 | 1039880 9 | 996849 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 21 | 21 | 21 | 625 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transcriptional Engineering of Microalgae: Prospects for High-Value Chemicals. Trends in Biotechnology, 2017, 35, 95-99. | 4.9 | 92 |
| 2 | PSR1 Is a Global Transcriptional Regulator of Phosphorus Deficiency Responses and Carbon Storage Metabolism in Chlamydomonas reinhardtii Â Â. Plant Physiology, 2016, 170, 1216-1234. | 2.3 | 91 |
| 3 | Metabolic responses of eukaryotic microalgae to environmental stress limit the ability of FT-IR spectroscopy for species identification. Algal Research, 2015, 11, 148-155. | 2.4 | 74 |
| 4 | Biofuel production from Macroalgae: present scenario and future scope. Bioengineered, 2021, 12, 9216-9238. | 1.4 | 41 |
| 5 | High-throughput metabolic screening of microalgae genetic variation in response to nutrient limitation. Metabolomics, 2016, 12, 9. | 1.4 | 35 |
| 6 | Potential of Bioenergy Production from Microalgae. Current Sustainable/Renewable Energy Reports, 2014, 1, 94-103. | 1.2 | 32 |
| 7 | Genetic Engineering of Microalgae for Secondary Metabolite Production: Recent Developments, Challenges, and Future Prospects. Frontiers in Bioengineering and Biotechnology, 2022, 10, 836056. | 2.0 | 24 |
| 8 | Microalgae as a Source of Mycosporine-like Amino Acids (MAAs); Advances and Future Prospects. International Journal of Environmental Research and Public Health, 2021, 18, 12402. | 1.2 | 18 |
| 9 | Nuclear proteome analysis of Chlamydomonas with response to CO2 limitation. Algal Research, 2020, 46, 101765. | 2.4 | 15 |
| 10 | Promises and Challenges of Growing Microalgae in Wastewater. , 2019, , 29-53. | | 11 |
| 11 | Changes in lipid and carotenoid metabolism in Chlamydomonas reinhardtii during induction of CO2-concentrating mechanism: Cellular response to low CO2 stress. Algal Research, 2020, 52, 102099. | 2.4 | 9 |
| 12 | Potential of Blue-Green Algae in Wastewater Treatment. , 2019, , 363-381. | | 7 |
| 13 | Improvements in biomass production: Learning lessons from the bioenergy plants maize and sorghum. Journal of Environmental Biology, 2019, 40, 400-406. | 0.2 | 6 |
| 14 | Biohydrogen production from waste activated sludge through thermochemical mechanical pretreatment. Bioresource Technology, 2022, 358, 127301. | 4.8 | 5 |
| 15 | Algal lipids for biofuel production: strategies, environmental impacts, downstream processing and commercialization. Phytochemistry Reviews, 2023, 22, 1127-1145. | 3.1 | 3 |
| 16 | Approaches and Prospectives for Algal Fuel. Cellular Origin and Life in Extreme Habitats, 2012, , 43-62. | 0.3 | 2 |
| 17 | Recent Advances in Improving Ecophysiology of Microalgae for Biofuels. , 2017, , 141-162. | | 2 |
| 18 | Biodegradation of Crude Oil Sludge Using Municipal Solid Waste as Bulking Agent. Asian Journal of Biological Sciences, 2013, 6, 207-213. | 0.2 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Algae Based Bio-Plastics: Future of Green Economy. , 0, , . | | 2 |
| 20 | Heavy Metal Bioremediation by Microalgae. , 2019, , 57-75. | | 1 |
| 21 | Bioremediation of Organic Xenobiotics from Wastewater. , 2019, , 111-134. | | 0 |