

Ankesh Ahirwar

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnological approaches to disrupt the rigid cell walled microalgae grown in wastewater for value-added biocompounds: commercial applications, challenges, and breakthrough. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 13309-13334.	4.6	10
2	Astaxanthin bioaccumulation in microalgae under environmental stress simulated in industrial effluents highlighting prospects of <i>Haematococcus pluvialis</i> : knowledge gaps and prospective approaches. <i>Phytochemistry Reviews</i> , 2023, 22, 1041-1066.	6.5	12
3	Pulsed Electric Field-Assisted Cell Permeabilization of Microalgae (<i>Haematococcus pluvialis</i>) for Milking of Value-Added Compounds. <i>Bioenergy Research</i> , 2023, 16, 311-324.	3.9	5
4	Impact of light on microalgal photosynthetic microbial fuel cells and removal of pollutants by nanoadsorbent biopolymers: Updates, challenges and innovations. <i>Chemosphere</i> , 2022, 288, 132589.	8.2	44
5	Hydrogen economy and storage by nanoporous microalgae diatom: Special emphasis on designing photobioreactors. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 42099-42121.	7.1	13
6	Latest trends and developments in microalgae as potential source for biofuels: The case of diatoms. <i>Fuel</i> , 2022, 314, 122738.	6.4	28
7	Microalgal drugs: A promising therapeutic reserve for the future. <i>Journal of Biotechnology</i> , 2022, 349, 32-46.	3.8	21
8	A techno-economic approach for eliminating dye pollutants from industrial effluent employing microalgae through microbial fuel cells: Barriers and perspectives. <i>Environmental Research</i> , 2022, 212, 113454.	7.5	15
9	Sustainable treatment of dye wastewater by recycling microalgal and diatom biogenic materials: Biorefinery perspectives. <i>Chemosphere</i> , 2022, 305, 135371.	8.2	31
10	Insights into diatom microalgal farming for treatment of wastewater and pretreatment of algal cells by ultrasonication for value creation. <i>Environmental Research</i> , 2021, 201, 111550.	7.5	35
11	Diatom microalgae as smart nanocontainers for biosensing wastewater pollutants: recent trends and innovations. <i>Bioengineered</i> , 2021, 12, 9531-9549.	3.2	38