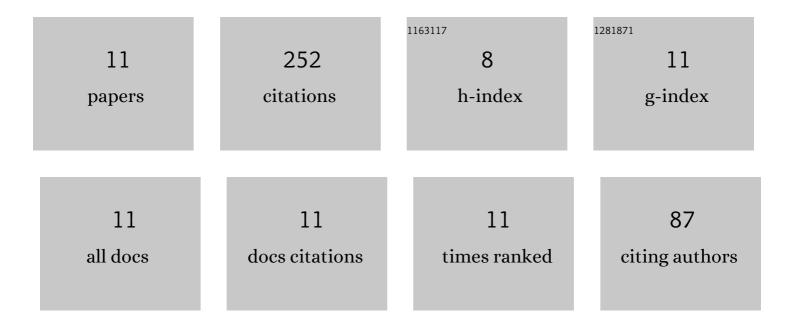
## Ankesh Ahirwar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9889328/publications.pdf

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#	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. Biomass Conversion and Biorefinery, 2023, 13, 13309-13334.	4.6	10
2	Astaxanthin bioaccumulation in microalgae under environmental stress simulated in industrial effluents highlighting prospects of Haematococcus pluvialis: knowledge gaps and prospective approaches. Phytochemistry Reviews, 2023, 22, 1041-1066.	6.5	12
3	Pulsed Electric Field–Assisted Cell Permeabilization of Microalgae (Haematococcus pluvialis) for Milking of Value-Added Compounds. Bioenergy Research, 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. Chemosphere, 2022, 288, 132589.	8.2	44
5	Hydrogen economy and storage by nanoporous microalgae diatom: Special emphasis on designing photobioreactors. International Journal of Hydrogen Energy, 2022, 47, 42099-42121.	7.1	13
6	Latest trends and developments in microalgae as potential source for biofuels: The case of diatoms. Fuel, 2022, 314, 122738.	6.4	28
7	Microalgal drugs: A promising therapeutic reserve for the future. Journal of Biotechnology, 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. Environmental Research, 2022, 212, 113454.	7.5	15
9	Sustainable treatment of dye wastewater by recycling microalgal and diatom biogenic materials: Biorefinery perspectives. Chemosphere, 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. Environmental Research, 2021, 201, 111550.	7.5	35
11	Diatom microalgae as smart nanocontainers for biosensing wastewater pollutants: recent trends and innovations. Bioengineered, 2021, 12, 9531-9549.	3.2	38