

# Ravi K Asthana

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

443  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biohydrogen production from sugarcane bagasse by integrating dark- and photo-fermentation. Bioresource Technology, 2014, 152, 140-146.	9.6	98
2	Photo-induced biosynthesis of silver nanoparticles from aqueous extract of <i>Dunaliella salina</i> and their anticancer potential. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 202-211.	3.8	66
3	Identification of an antimicrobial entity from the cyanobacterium <i>Fischerella</i> sp. isolated from bark of <i>Azadirachta indica</i> (Neem) tree. Journal of Applied Phycology, 2006, 18, 33-39.	2.8	60
4	Isolation and identification of a new antibacterial entity from the Antarctic cyanobacterium <i>Nostoc</i> CCC 537. Journal of Applied Phycology, 2009, 21, 81-88.	2.8	54
5	Antibacterial potential of $\gamma$ -linolenic acid from <i>Fischerella</i> sp. colonizing Neem tree bark. World Journal of Microbiology and Biotechnology, 2006, 22, 443-448.	3.6	31
6	Biochemical and physiological characterization of a halotolerant <i>Dunaliella salina</i> isolated from hypersaline Sambhar Lake, India. Journal of Phycology, 2019, 55, 60-73.	2.3	23
7	Nickel Uptake by <i>Pseudomonas aeruginosa</i> : Role of Modifying Factors. Current Microbiology, 1998, 37, 306-311.	2.2	20
8	Response of <i>Rhizobium leguminosarum</i> to nickel stress. World Journal of Microbiology and Biotechnology, 2001, 17, 667-672.	3.6	16
9	Identification of antifungal and antibacterial biomolecules from a cyanobacterium, <i>Arthrospira platensis</i> . Algal Research, 2021, 54, 102215.	4.6	15
10	Identification of maltotoligosyltrehalose synthase and maltotoligosyltrehalose trehalohydrolase enzymes catalysing trehalose biosynthesis in <i>Anabaena</i> 7120 exposed to NaCl stress. Journal of Plant Physiology, 2005, 162, 1030-1037.	3.5	13
11	Nickel effects on phosphate uptake, alkaline phosphatase, and ATPase of a cyanobacterium. Bulletin of Environmental Contamination and Toxicology, 1992, 48, 45-54.	2.7	11
12	A comparison of proline, thiol levels and GAPDH activity in cyanobacteria of different origins facing temperature-stress. World Journal of Microbiology and Biotechnology, 2005, 21, 1-9.	3.6	10
13	Trehalose-Producing Enzymes MTSase and MTHase in <i>Anabaena</i> 7120 Under NaCl Stress. Current Microbiology, 2008, 56, 429-435.	2.2	10
14	Response of Garden Pea to Nickel Toxicity. Journal of Plant Nutrition, 2005, 27, 1543-1560.	1.9	8
15	Antimicrobial assay and genetic screening of selected freshwater Cyanobacteria and identification of a biomolecule dihydro-2H-pyran-2-one derivative. Journal of Applied Microbiology, 2017, 122, 881-892.	3.1	7
16	Strategies for increased production of lipids and fine chemicals from commercially important microalgae. , 2021, , 165-186.		1