Ravi K Asthana

List of Publications by Year
in descending order

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16	443	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strategies for increased production of lipids and fine chemicals from commercially important microalgae. , 2021, , 165-186.		1
2	Identification of antifungal and antibacterial biomolecules from a cyanobacterium, Arthrospira platensis. Algal Research, 2021, 54, 102215.	4.6	15
3	Biochemical and physiological characterization of a halotolerant Dunaliella salina isolated from hypersaline Sambhar Lake, India. Journal of Phycology, 2019, 55, 60-73.	2.3	23
4	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
5	Photo-induced biosynthesis of silver nanoparticles from aqueous extract of Dunaliella salina and their anticancer potential. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 202-211.	3.8	66
6	Biohydrogen production from sugarcane bagasse by integrating dark- and photo-fermentation. Bioresource Technology, 2014, 152, 140-146.	9.6	98
7	Isolation and identification of a new antibacterial entity from the Antarctic cyanobacterium Nostoc CCC 537. Journal of Applied Phycology, 2009, 21, 81-88.	2.8	54
8	Trehalose-Producing Enzymes MTSase and MTHase in Anabaena 7120 Under NaCl Stress. Current Microbiology, 2008, 56, 429-435.	2.2	10
9	Antibacterial potential of Î³-linolenic acid from Fischerella sp. colonizing Neem tree bark. World Journal of Microbiology and Biotechnology, 2006, 22, 443-448.	3.6	31
10	Identification of an antimicrobial entity from the cyanobacterium Fischerella sp. isolated from bark of Azadirachta indica (Neem) tree. Journal of Applied Phycology, 2006, 18, 33-39.	2.8	60
11	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
12	Response of Garden Pea to Nickel Toxicity. Journal of Plant Nutrition, 2005, 27, 1543-1560.	1.9	8
13	Identification of maltooligosyltrehalose synthase and maltooligosyltrehalose trehalohydrolase enzymes catalysing trehalose biosynthesis in Anabaena 7120 exposed to NaCl stress. Journal of Plant Physiology, 2005, 162, 1030-1037.	3.5	13
14	Response of Rhizobium leguminosarum to nickel stress. World Journal of Microbiology and Biotechnology, 2001, 17, 667-672.	3.6	16
15	Nickel Uptake by Pseudomonas aeruginosa : Role of Modifying Factors. Current Microbiology, 1998, 37, 306-311.	2.2	20
16	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