

J I S Khattar

List of Publications by Year in descending order

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papers

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933447

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docs citations

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507
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorpyrifos degradation by the cyanobacterium <i>Synechocystis</i> sp. strain PUPCCC 64. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1351-1359.	5.3	97
2	Isolation and Characterization of Exopolysaccharides Produced by the Cyanobacterium <i>Limnothrix redekei</i> PUPCCC 116. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1327-1338.	2.9	52
3	Kinetics and physico-chemical characterization of exopolysaccharides produced by the cyanobacterium <i>Oscillatoria formosa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2139-2146.	3.6	35
4	Limnology and cyanobacterial diversity of high altitude lakes of Lahaul-Spiti in Himachal Pradesh, India. <i>Journal of Biosciences</i> , 2014, 39, 643-657.	1.1	32
5	Hyperproduction of phycobiliproteins by the cyanobacterium <i>Anabaena fertilissima</i> PUPCCC 410.5 under optimized culture conditions. <i>Algal Research</i> , 2015, 12, 463-469.	4.6	32
6	Extraction, purification and characterisation of Phycocyanin from <i>Anabaena fertilissima</i> PUPCCC 410.5: as a natural and food grade stable pigment. <i>Journal of Applied Phycology</i> , 2019, 31, 1685-1696.	2.8	27
7	Cyanobacterial community structure in hot water springs of Indian North-Western Himalayas: A morphological, molecular and ecological approach. <i>Algal Research</i> , 2018, 29, 179-192.	4.6	26
8	Anilofos Tolerance and Its Mineralization by the Cyanobacterium <i>Synechocystis</i> sp. Strain PUPCCC 64. <i>PLoS ONE</i> , 2013, 8, e53445.	2.5	25
9	Intracellular uptake and reduction of hexavalent chromium by the cyanobacterium <i>Synechocystis</i> sp. PUPCCC 62. <i>Journal of Applied Phycology</i> , 2015, 27, 827-837.	2.8	20
10	Phycobiliprotein production by a novel cold desert cyanobacterium <i>Nodularia sphaerocarpa</i> PUPCCC 420.1. <i>Journal of Applied Phycology</i> , 2017, 29, 1819-1827.	2.8	19
11	Effect of nutrients and aeration on O ₂ evolution and photosynthetic pigments of <i>Anabaena torulosa</i> during akinete differentiation. <i>Folia Microbiologica</i> , 2000, 45, 434-438.	2.3	10
12	Phosphorus deficiency, nitrogen assimilation and akinete differentiation in the cyanobacterium <i>Anabaena torulosa</i> . <i>Folia Microbiologica</i> , 1992, 37, 223-226.	2.3	6
13	Effect of pretilachlor on nitrogen uptake and assimilation by the cyanobacterium <i>Desmonostoc muscorum</i> PUPCCC 405.10. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	5
14	Photoheterotrophic and chemoheterotrophic dinitrogen fixation and nitrate utilization by the cyanobacterium <i>Anabaena torulosa</i> . <i>Folia Microbiologica</i> , 1994, 39, 404-408.	2.3	4
15	The cyanobacterium <i>Synechocystis</i> sp. PUPCCC 62: a potential candidate for biotransformation of Cr(VI) to Cr(III) in the presence of sulphate. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10661-10668.	5.3	4
16	New records of desmids from Ropar wetland (a Ramsar Site) of Punjab, India. <i>Plant Science Today</i> , 2021, 8, .	0.7	4
17	Optimization of conditions and partial characterization of cyanophycin synthetase from a thermophilic cyanobacterium <i>Chlorogloeopsis fritschii</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 339-346.	3.1	3
18	A checklist of blue-green algae (Cyanobacteria) from Punjab, India. <i>Journal of Threatened Taxa</i> , 2022, 14, 20758-20772.	0.3	3