

Mahendra Kumar Shukla

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

881
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1466
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of photoprotection in the cyanobacterial ancestor of plant antenna proteins. <i>Nature Chemical Biology</i> , 2015, 11, 287-291.	8.0	173
2	Minerals, PUFAs and antioxidant properties of some tropical seaweeds from Saurashtra coast of India. <i>Journal of Applied Phycology</i> , 2011, 23, 797-810.	2.8	157
3	Isolation and characterization of exopolysaccharides from seaweed associated bacteria <i>Bacillus licheniformis</i> . <i>Carbohydrate Polymers</i> , 2011, 84, 1019-1026.	10.2	154
4	Synthesis and characterization of agar-based silver nanoparticles and nanocomposite film with antibacterial applications. <i>Bioresource Technology</i> , 2012, 107, 295-300.	9.6	141
5	Twisting a β -Carotene, an Adaptive Trick from Nature for Dissipating Energy during Photoprotection. <i>Journal of Biological Chemistry</i> , 2017, 292, 1396-1403.	3.4	37
6	Partial characterization of sulfhydrylase from <i>Gracilaria dura</i> and evaluation of its potential application in improvement of the agar quality. <i>Carbohydrate Polymers</i> , 2011, 85, 157-163.	10.2	32
7	Binding of pigments to the cyanobacterial high-light-inducible protein HliC. <i>Photosynthesis Research</i> , 2018, 137, 29-39.	2.9	32
8	Molecular Origin of Photoprotection in Cyanobacteria Probed by Watermarked Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1788-1792.	4.6	31
9	Ycf48 involved in the biogenesis of the oxygen-evolving photosystem II complex is a seven-bladed beta-propeller protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7824-E7833.	7.1	29
10	Rapid regulation of photosynthetic light harvesting in the absence of minor antenna and reaction centre complexes. <i>Journal of Experimental Botany</i> , 2020, 71, 3626-3637.	4.8	29
11	Bacterial extracellular polymeric substances and their effect on settlement of zoospore of <i>Ulva fasciata</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 223-230.	5.0	21
12	Plant and algal chlorophyll synthases function in <i>Synechocystis</i> and interact with the YidC/Alb3 membrane insertase. <i>FEBS Letters</i> , 2018, 592, 3062-3073.	2.8	17
13	A novel method produces native light-harvesting complex II aggregates from the photosynthetic membrane revealing their role in nonphotochemical quenching. <i>Journal of Biological Chemistry</i> , 2020, 295, 17816-17826.	3.4	17
14	Biochemical and molecular properties of LHCX1, the essential regulator of dynamic photoprotection in diatoms. <i>Plant Physiology</i> , 2022, 188, 509-525.	4.8	11