Mahendra Kumar Shukla

List of Publications by Year
in descending order

14	881	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	1466
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochemical and molecular properties of LHCX1, the essential regulator of dynamic photoprotection in diatoms. Plant Physiology, 2022, 188, 509-525.	4.8	11
2	A novel method produces native light-harvesting complex II aggregates from the photosynthetic membrane revealing their role in nonphotochemical quenching. Journal of Biological Chemistry, 2020, 295, 17816-17826.	3.4	17
3	Rapid regulation of photosynthetic light harvesting in the absence of minor antenna and reaction centre complexes. Journal of Experimental Botany, 2020, 71, 3626-3637.	4.8	29
4	Binding of pigments to the cyanobacterial high-light-inducible protein HliC. Photosynthesis Research, 2018, 137, 29-39.	2.9	32
5	Molecular Origin of Photoprotection in Cyanobacteria Probed by Watermarked Femtosecond Stimulated Raman Spectroscopy. Journal of Physical Chemistry Letters, 2018, 9, 1788-1792.	4.6	31
6	Ycf48 involved in the biogenesis of the oxygen-evolving photosystem II complex is a seven-bladed beta-propeller protein. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7824-E7833.	7.1	29
7	Plant and algal chlorophyll synthases function in Synechocystis and interact with the YidC/Alb3 membrane insertase. FEBS Letters, 2018, 592, 3062-3073.	2.8	17
8	Twisting a Î²-Carotene, an Adaptive Trick from Nature for Dissipating Energy during Photoprotection. Journal of Biological Chemistry, 2017, 292, 1396-1403.	3.4	37
9	Mechanism of photoprotection in the cyanobacterial ancestor of plant antenna proteins. Nature Chemical Biology, 2015, 11, 287-291.	8.0	173
10	Bacterial extracellular polymeric substances and their effect on settlement of zoospore of Ulva fasciata. Colloids and Surfaces B: Biointerfaces, 2013, 103, 223-230.	5.0	21
11	Synthesis and characterization of agar-based silver nanoparticles and nanocomposite film with antibacterial applications. Bioresource Technology, 2012, 107, 295-300.	9.6	141
12	Minerals, PUFAs and antioxidant properties of some tropical seaweeds from Saurashtra coast of India. Journal of Applied Phycology, 2011, 23, 797-810.	2.8	157
13	Isolation and characterization of exopolysaccharides from seaweed associated bacteria Bacillus licheniformis. Carbohydrate Polymers, 2011, 84, 1019-1026.	10.2	154
14	Partial characterization of sulfohydrolase from Gracilaria dura and evaluation of its potential application in improvement of the agar quality. Carbohydrate Polymers, 2011, 85, 157-163.	10.2	32