

# Ateeq Ur Rehman

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Cyanobacterial Photoactive Orange Carotenoid Protein Is an Excellent Singlet Oxygen Quencher $\hat{A}$ . <i>Plant Cell</i> , 2014, 26, 1781-1791.	6.6	110
2	Characterization of singlet oxygen production and its involvement in photodamage of Photosystem II in the cyanobacterium <i>Synechocystis</i> PCC 6803 by histidine-mediated chemical trapping. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 689-698.	1.0	73
3	Oxidative stress and photoinhibition can be separated in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 217-225.	1.0	47
4	Proline is a quencher of singlet oxygen and superoxide both in in vitro systems and isolated thylakoids. <i>Physiologia Plantarum</i> , 2021, 172, 7-18.	5.2	45
5	Inhibition of photosynthetic CO <sub>2</sub> fixation in the coral <i>Pocillopora damicornis</i> and its relationship to thermal bleaching. <i>Journal of Experimental Biology</i> , 2014, 217, 2150-62.	1.7	42
6	<i>Symbiodinium</i> sp. cells produce light-induced intra- and extracellular singlet oxygen, which mediates photodamage of the photosynthetic apparatus and has the potential to interact with the animal host in coral symbiosis. <i>New Phytologist</i> , 2016, 212, 472-484.	7.3	37
7	Functional Analysis of the <i>Arabidopsis thaliana</i> CDPK-Related Kinase Family: AtCRK1 Regulates Responses to Continuous Light. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1282.	4.1	27
8	Chloramphenicol Mediates Superoxide Production in Photosystem II and Enhances Its Photodamage in Isolated Membrane Particles. <i>Frontiers in Plant Science</i> , 2016, 7, 479.	3.6	13
9	Chloramphenicol enhances Photosystem II photodamage in intact cells of the cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Photosynthesis Research</i> , 2020, 145, 227-235.	2.9	13
10	The stress-induced SCP/HLIP family of small light-harvesting-like proteins (ScpABCDE) protects Photosystem II from photoinhibitory damages in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2018, 135, 103-114.	2.9	11
11	Secondary metabolite from <i>Scytonema oostocoides</i> XPORK14A inhibits photosynthesis and growth of <i>Synechocystis</i> PCC 6803. <i>Plant, Cell and Environment</i> , 2014, 37, 1371-1381.	5.7	10
12	$\hat{I}^2$ -Carotene influences the phycobilisome antenna of cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2016, 130, 403-415.	2.9	10
13	Singlet oxygen damages the function of Photosystem II in isolated thylakoids and in the green alga <i>Chlorella sorokiniana</i> . <i>Photosynthesis Research</i> , 2021, 149, 93-105.	2.9	8
14	Detection of Singlet Oxygen Formation inside Photoactive Biohybrid Composite Material. <i>Materials</i> , 2018, 11, 28.	2.9	1