Shai I Saroussi

List of Publications by Year
in descending order

15	762	686830 13	940134 16
papers	citations	h-index	g-index

17	17	17	1114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A genome-wide algal mutant library and functional screen identifies genes required for eukaryotic photosynthesis. Nature Genetics, 2019, 51, 627-635.	9.4	234
2	Vacuolar H+-ATPaseâ€"an enzyme for all seasons. Pflugers Archiv European Journal of Physiology, 2009, 457, 581-587.	1.3	63
3	Critical role ofChlamydomonas reinhardtiiferredoxin-5 in maintaining membrane structure and dark metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14978-14983.	3.3	58
4	The Type II NADPH Dehydrogenase Facilitates Cyclic Electron Flow, Energy-Dependent Quenching, and Chlororespiratory Metabolism during Acclimation of Chlamydomonas reinhardtii to Nitrogen Deprivation. Plant Physiology, 2016, 170, 1975-1988.	2.3	51
5	Alpha and quantum yield of aquatic plants derived from PAM fluorometry: Uses and misuses. Aquatic Botany, 2007, 86, 89-92.	0.8	49
6	The little we know on the structure and machinery of V-ATPase. Journal of Experimental Biology, 2009, 212, 1604-1610.	0.8	46
7	Nutrient scavenging and energy management: acclimation responses in nitrogen and sulfur deprived Chlamydomonas. Current Opinion in Plant Biology, 2017, 39, 114-122.	3.5	42
8	Alternative outlets for sustaining photosynthetic electron transport during dark-to-light transitions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11518-11527.	3.3	42
9	The mitochondrial alternative oxidase from Chlamydomonas reinhardtii enables survival in high light. Journal of Biological Chemistry, 2019, 294, 1380-1395.	1.6	38
10	Bilin-Dependent Photoacclimation in Chlamydomonas reinhardtii. Plant Cell, 2017, 29, 2711-2726.	3.1	36
11	Flocculation of Chlamydomonas reinhardtii with Different Phenotypic Traits by Metal Cations and High pH. Frontiers in Plant Science, 2017, 8, 1997.	1.7	28
12	Structure and Flexibility of the C-Ring in the Electromotor of Rotary FoF1-ATPase of Pea Chloroplasts. PLoS ONE, 2012, 7, e43045.	1.1	28
13	Metabolic control of acclimation to nutrient deprivation dependent on polyphosphate synthesis. Science Advances, 2020, 6, .	4.7	22
14	Acclimations of macroalgae as reflected in photosynthetic parameters derived from PAM fluorometry, and possible implications for abundance patterns. Marine Ecology, 2007, 28, 377-383.	0.4	13
15	GreenCut protein <scp>CPLD</scp>49 of Chlamydomonas reinhardtii associates with thylakoid membranes and is required for cytochrome b₆f complex accumulation. Plant Journal, 2018, 94, 1023-1037.	2.8	10