

# Shai I Saroussi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

762  
citations

686830

13  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic control of acclimation to nutrient deprivation dependent on polyphosphate synthesis. <i>Science Advances</i> , 2020, 6, .	4.7	22
2	Alternative outlets for sustaining photosynthetic electron transport during dark-to-light transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11518-11527.	3.3	42
3	A genome-wide algal mutant library and functional screen identifies genes required for eukaryotic photosynthesis. <i>Nature Genetics</i> , 2019, 51, 627-635.	9.4	234
4	The mitochondrial alternative oxidase from <i>Chlamydomonas reinhardtii</i> enables survival in high light. <i>Journal of Biological Chemistry</i> , 2019, 294, 1380-1395.	1.6	38
5	GreenCut protein <i>scpCPLD49</i> of <i>Chlamydomonas reinhardtii</i> associates with thylakoid membranes and is required for cytochrome <i>b<sub>6</sub>f</i> complex accumulation. <i>Plant Journal</i> , 2018, 94, 1023-1037.	2.8	10
6	Bilin-Dependent Photoacclimation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2017, 29, 2711-2726.	3.1	36
7	Nutrient scavenging and energy management: acclimation responses in nitrogen and sulfur deprived <i>Chlamydomonas</i> . <i>Current Opinion in Plant Biology</i> , 2017, 39, 114-122.	3.5	42
8	Flocculation of <i>Chlamydomonas reinhardtii</i> with Different Phenotypic Traits by Metal Cations and High pH. <i>Frontiers in Plant Science</i> , 2017, 8, 1997.	1.7	28
9	The Type II NADPH Dehydrogenase Facilitates Cyclic Electron Flow, Energy-Dependent Quenching, and Chlororespiratory Metabolism during Acclimation of <i>Chlamydomonas reinhardtii</i> to Nitrogen Deprivation. <i>Plant Physiology</i> , 2016, 170, 1975-1988.	2.3	51
10	Critical role of <i>Chlamydomonas reinhardtii</i> ferredoxin-5 in maintaining membrane structure and dark metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14978-14983.	3.3	58
11	Structure and Flexibility of the C-Ring in the Electromotor of Rotary FoF1-ATPase of Pea Chloroplasts. <i>PLoS ONE</i> , 2012, 7, e43045.	1.1	28
12	Vacuolar H <sup>+</sup> -ATPase "an enzyme for all seasons. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 581-587.	1.3	63
13	The little we know on the structure and machinery of V-ATPase. <i>Journal of Experimental Biology</i> , 2009, 212, 1604-1610.	0.8	46
14	Alpha and quantum yield of aquatic plants derived from PAM fluorometry: Uses and misuses. <i>Aquatic Botany</i> , 2007, 86, 89-92.	0.8	49
15	Acclimations of macroalgae as reflected in photosynthetic parameters derived from PAM fluorometry, and possible implications for abundance patterns. <i>Marine Ecology</i> , 2007, 28, 377-383.	0.4	13