

Avihai Danon

List of Publications by Year in descending order

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904
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#	ARTICLE	IF	CITATIONS
1	Translation of Chloroplast psbA mRNA Is Modulated in the Light by Counteracting Oxidizing and Reducing Activities. <i>Molecular and Cellular Biology</i> , 2000, 20, 1116-1123.	2.3	125
2	Dual targeting of the protein disulfide isomerase RB60 to the chloroplast and the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6225-6230.	7.1	95
3	A Chloroplast Light-Regulated Oxidative Sensor for Moderate Light Intensity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 1894-1906.	6.6	74
4	Unique Features of Plant Mitochondrial Sulfhydryl Oxidase. <i>Journal of Biological Chemistry</i> , 2004, 279, 20002-20008.	3.4	69
5	A Small Family of Chloroplast Atypical Thioredoxins. <i>Plant Physiology</i> , 2009, 149, 1240-1250.	4.8	64
6	The Protein Disulfide Isomerase-like RB60 Is Partitioned between Stroma and Thylakoids in <i>Chlamydomonas reinhardtii</i> Chloroplasts. <i>Journal of Biological Chemistry</i> , 2001, 276, 4564-4569.	3.4	59
7	ACHT4-driven oxidation of APS1 attenuates starch synthesis under low light intensity in <i>Arabidopsis</i> plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12876-12881.	7.1	56
8	Redox reactions of regulatory proteins: do kinetics promote specificity?. <i>Trends in Biochemical Sciences</i> , 2002, 27, 197-203.	7.5	49
9	The Chloroplast Protein Disulfide Isomerase RB60 Reacts with a Regulatory Disulfide of the RNA-binding Protein RB47. <i>Plant and Cell Physiology</i> , 2006, 47, 540-548.	3.1	49
10	Translation and translational regulation in chloroplasts. <i>Topics in Current Genetics</i> , 2007, , 249-281.	0.7	45
11	Knockdown of the <i>Arabidopsis thaliana</i> chloroplast protein disulfide isomerase 6 results in reduced levels of photoinhibition and increased <i>D1</i> synthesis in high light. <i>Plant Journal</i> , 2014, 78, 1003-1013.	5.7	45
12	Disulfide bond formation in chloroplasts. <i>Plant Science</i> , 2008, 175, 459-466.	3.6	25
13	Redox regulation of PGRL1 at the onset of low light intensity. <i>Plant Journal</i> , 2020, 103, 715-725.	5.7	25
14	The 3'-Untranslated Region of Chloroplast psbA mRNA Stabilizes Binding of Regulatory Proteins to the Leader of the Message. <i>Journal of Biological Chemistry</i> , 2002, 277, 18665-18669.	3.4	20
15	Fold-change Response of Photosynthesis to Step Increases of Light Level. <i>IScience</i> , 2018, 8, 126-137.	4.1	12
16	Low light-regulated intramolecular disulfide fine-tunes the role of PTOX in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2022, 109, 585-597.	5.7	4
17	Targeting mutations to the plastidial psbA gene of <i>Chlamydomonas reinhardtii</i> without direct positive selection. <i>Scientific Reports</i> , 2019, 9, 7367.	3.3	2
18	Thermochemical behavior of <i>Chlorella</i> sp. and <i>Chlamydomonas reinhardtii</i> algae: Comparison of laser-driven calorimetry with thermogravimetric analysis. <i>Algal Research</i> , 2021, 56, 102325.	4.6	1