

Avihai Danon

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Redox regulation of PGRL1 at the onset of low light intensity. <i>Plant Journal</i> , 2020, 103, 715-725. | 5.7 | 25 |
| 4 | Targeting mutations to the plastidial <i>psbA</i> gene of <i>Chlamydomonas reinhardtii</i> without direct positive selection. <i>Scientific Reports</i> , 2019, 9, 7367. | 3.3 | 2 |
| 5 | Fold-change Response of Photosynthesis to Step Increases of Light Level. <i>IScience</i> , 2018, 8, 126-137. | 4.1 | 12 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | A Small Family of Chloroplast Atypical Thioredoxins. <i>Plant Physiology</i> , 2009, 149, 1240-1250. | 4.8 | 64 |
| 10 | Disulfide bond formation in chloroplasts. <i>Plant Science</i> , 2008, 175, 459-466. | 3.6 | 25 |
| 11 | Translation and translational regulation in chloroplasts. <i>Topics in Current Genetics</i> , 2007, , 249-281. | 0.7 | 45 |
| 12 | 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 |
| 13 | 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 |
| 14 | Unique Features of Plant Mitochondrial Sulfhydryl Oxidase. <i>Journal of Biological Chemistry</i> , 2004, 279, 20002-20008. | 3.4 | 69 |
| 15 | The 3'-Untranslated Region of Chloroplast <i>psbA</i> 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 |
| 16 | Redox reactions of regulatory proteins: do kinetics promote specificity?. <i>Trends in Biochemical Sciences</i> , 2002, 27, 197-203. | 7.5 | 49 |
| 17 | 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 |
| 18 | Translation of Chloroplast <i>psbA</i> 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 |