

Thomas J Avenson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1412679/publications.pdf>

Version: 2024-02-01

11
papers

1,600
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1695
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture of a Charge-Transfer State Regulating Light Harvesting in a Plant Antenna Protein. <i>Science</i> , 2008, 320, 794-797.	12.6	492
2	Dynamic flexibility in the light reactions of photosynthesis governed by both electron and proton transfer reactions. <i>Trends in Plant Science</i> , 2004, 9, 349-357.	8.8	351
3	Regulating the proton budget of higher plant photosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9709-9713.	7.1	254
4	Plasticity in light reactions of photosynthesis for energy production and photoprotection. <i>Journal of Experimental Botany</i> , 2004, 56, 395-406.	4.8	221
5	Modulation of energy-dependent quenching of excitons in antennae of higher plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5530-5535.	7.1	147
6	Dehydration Stress Memory: Gene Networks Linked to Physiological Responses During Repeated Stresses of <i>Zea mays</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1058.	3.6	71
7	Investigating energy partitioning during photosynthesis using an expanded quantum yield convention. <i>Chemical Physics</i> , 2009, 357, 151-158.	1.9	33
8	Photosynthesis: a multiscopic view. <i>Journal of Plant Research</i> , 2021, 134, 665-682.	2.4	13
9	Sub-saturating Multiphase Flash Irradiances to Estimate Maximum Fluorescence Yield. <i>Methods in Molecular Biology</i> , 2018, 1770, 105-120.	0.9	8
10	Short-term warming does not affect intrinsic thermotolerance but induces strong sustaining photoprotection in tropical evergreen citrus genotypes. <i>Plant, Cell and Environment</i> , 2022, 45, 105-120.	5.7	8
11	Fresh perspectives on an established technique: Pulsed amplitude modulation chlorophyll fluorescence. <i>Plant-Environment Interactions</i> , 0, , .	1.5	2