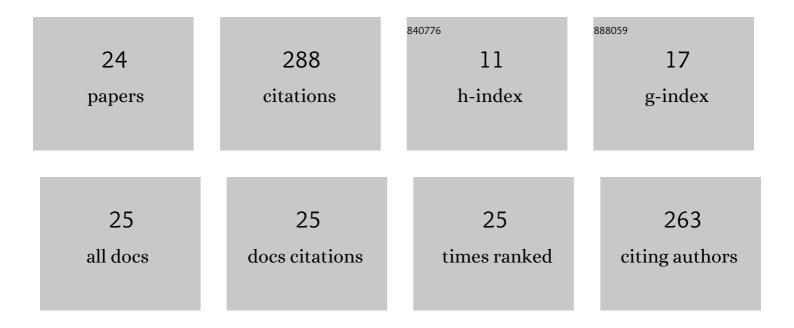
Gergana Mihailova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Antioxidant defense during desiccation of the resurrection plant Haberlea rhodopensis. Plant Physiology and Biochemistry, 2017, 114, 51-59.	5.8	37
2	Desiccation of the resurrection plant Haberlea rhodopensis at high temperature. Photosynthesis Research, 2011, 108, 5-13.	2.9	30
3	Comparison of thylakoid structure and organization in sun and shade Haberlea rhodopensis populations under desiccation and rehydration. Journal of Plant Physiology, 2014, 171, 1591-1600.	3.5	29
4	Growth irradiance affects the photoprotective mechanisms of the resurrection angiosperm Haberlea rhodopensis Friv. in response to desiccation and rehydration at morphological, physiological and biochemical levels. Environmental and Experimental Botany, 2015, 113, 67-79.	4.2	23
5	Response of sun- and shade-adapted plants of Haberlea rhodopensis to desiccation. Plant Growth Regulation, 2012, 67, 121-132.	3.4	19
6	Effects of habitat light conditions on the excitation quenching pathways in desiccating Haberlea rhodopensis leaves: An Intelligent FluoroSensor study. Journal of Photochemistry and Photobiology B: Biology, 2014, 130, 217-225.	3.8	19
7	Alterations in the sugar metabolism and in the vacuolar system of mesophyll cells contribute to the desiccation tolerance of Haberlea rhodopensis ecotypes. Protoplasma, 2017, 254, 193-201.	2.1	19
8	Freezing tolerance of photosynthetic apparatus in the homoiochlorophyllous resurrection plant Haberlea rhodopensis. Environmental and Experimental Botany, 2020, 178, 104157.	4.2	19
9	Application of a diffusion model to measure ion leakage of resurrection plant leaves undergoing desiccation. Plant Physiology and Biochemistry, 2018, 125, 185-192.	5.8	13
10	The role of antioxidant defense in freezing tolerance of resurrection plant Haberlea rhodopensis. Physiology and Molecular Biology of Plants, 2021, 27, 1119-1133.	3.1	12
11	Recovery of photosynthetic activity of resurrection plant Haberlea rhodopensis from drought- and freezing-induced desiccation. Photosynthetica, 2020, 58, 911-921.	1.7	12
12	Differences in physiological adaptation of Haberlea rhodopensis Friv. leaves and roots during dehydration–rehydration cycle. Acta Physiologiae Plantarum, 2012, 34, 947-955.	2.1	11
13	Antioxidant Defense during Recovery of Resurrection Plant Haberlea rhodopensis from Drought- and Freezing-Induced Desiccation. Plants, 2022, 11, 175.	3.5	8
14	Effect of high temperature on dehydration-induced alterations in photosynthetic characteristics of the resurrection plant Haberlea rhodopensis. Photosynthetica, 2013, 51, 630-640.	1.7	7
15	Drought-Responsive Gene Expression in Sun and Shade Plants of Haberlea rhodopensis Under Controlled Environment. Plant Molecular Biology Reporter, 2017, 35, 313-322.	1.8	7
16	Changes in Some Antioxidant Enzyme Activities in <i>Haberlea Rhodopensis</i> During Desiccation at High Temperature. Biotechnology and Biotechnological Equipment, 2009, 23, 561-564.	1.3	5
17	Physiological changes in winter wheat genotypes in response to the Zymoseptoria tritici infection. Photosynthetica, 2019, 57, 428-437.	1.7	5
18	Limiting steps and the contribution of alternative electron flow pathways in the recovery of the photosynthetic functions after freezing-induced desiccation of Haberlea rhodopensis. Photosynthetica, 2022, 60, 136-146.	1.7	4

#	Article	IF	CITATIONS
19	Desiccationâ€induced alterations in surface topography of thylakoids from resurrection plantHaberlea rhodopensisstudied by atomic force microscopy, electrokinetic and optical measurements. Physiologia Plantarum, 2019, 166, 585-595.	5.2	3
20	Photosynthetic response of lutein-deficient mutant lut2 of Arabidopsis thaliana to low temperature at high light. Photosynthetica, 2022, 60, 110-120.	1.7	3
21	Drought Tolerance of Photosynthesis. Books in Soils, Plants, and the Environment, 2016, , 683-695.	0.1	1
22	Antioxidative response of Arabidopsis thaliana to combined action of low temperature and high light illumination when lutein is missing. Acta Physiologiae Plantarum, 2022, 44, 1.	2.1	1
23	Effect of Desiccation of the Resurrection Plant Haberlea Rhodopensis at High Temperature on the Photochemical Activity of PSI and PSII. Advanced Topics in Science and Technology in China, 2013, , 540-543.	0.1	0
24	Drought Tolerance of Photosynthesis. , 2018, , 683-695.		0