

# Gergana Mihailova

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

288  
citations

840776

11  
h-index

888059

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

263  
citing authors

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

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