

СПИСЪК НА НАУЧНИ ПУБЛИКАЦИИ

за участие в конкурс за заемане на академична длъжност „доцент“
по професионално направление 4.3. Биологически науки,
специалност „Биохимия“,
обявен от ИФРГ – БАН в ДВ бр. 62/23.07.2024 г.

гл. ас. д-р Гергана Кирилова Михайлова

№	Група	Публикация	Квартил (Scopus)	JCR IF (WoS)	Точки
1	B4-01	Georgieva K, Doncheva S, Mihailova G , Petkova S. 2012 . Response of sun-and shade-adapted plants of <i>Haberlea rhodopensis</i> to desiccation. <i>Plant Growth Regulation</i> , 67, 121-132. https://doi.org/10.1007/s10725-012-9669-3	Q1	1.670	25
2	Г7-01	Georgieva K, Mihailova G , Petkova S. 2012 . Photochemical efficiency of Photosystem II during desiccation of shade- and sun-adapted plants of <i>Haberlea rhodopensis</i> . <i>Comptes rendus de l'Académie bulgare des Sciences</i> , 65(5), 631-638.	Q2	0.211	20
3	Г7-02	Velitchkova M, Lazarova D, Mihailova G , Stanoeva D, Dolchinkova V, Georgieva K. 2013 . Characterization of energy transfer processes and flash oxygen yields of thylakoid membranes isolated from resurrection plant <i>Haberlea rhodopensis</i> subjected to different extent of desiccation. <i>In: Photosynthesis: Research for Food, Fuel and Future - 15th International Conference on Photosynthesis</i> . Kuang T, Zhang L, Lu C (Eds.). 531-535. http://dx.doi.org/10.1007/978-3-642-32034-7_112	–	–	–
4	Г7-03	Georgieva K, Doncheva S, Mihailova G , Petkova S. 2013 . Effect of light on the photosynthetic activity during desiccation of the resurrection plant <i>Haberlea rhodopensis</i> . <i>In: Photosynthesis: Research for Food, Fuel and Future - 15th International Conference on Photosynthesis</i> . Kuang T, Zhang L, Lu C (Eds.). 536-539. http://dx.doi.org/10.1007/978-3-642-32034-7_113	–	–	–
5	B4-02	Sárvári É, Mihailova G , Solti Á, Keresztes Á, Velitchkova M, Georgieva K. 2014 . 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> , 171(17), 1591-1600. http://dx.doi.org/10.1016/j.jplph.2014.07.015	Q1	2.557	25
6	Г7-04	Solti A, Lenk S, Mihailova G , Mayer P, Barócsi A, Georgieva K. 2014 . 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> , 130, 217-225. http://dx.doi.org/10.1016/j.jphotobiol.2013.11.016	Q1	2.960	25

7	Г7-05	Solti Á, Mihailova G , Sárvári É, Georgieva K. 2014 . Antioxidative defence mechanisms contributes to desiccation tolerance in <i>Haberlea rhodopensis</i> population naturally exposed to high irradiation. <i>Acta Biologica Szegediensis</i> , 58(1), 11-14. https://abs.bibl.u-szeged.hu/index.php/abs/article/view/2811/2803	Q3 (SJR)	–	10
8*	Г7–06	Mihailova G , Velitchkova M, Doltchinkova V, Lazarova D, Georgieva K. 2015 . Photosynthetic characteristics of the resurrection plant <i>Haberlea rhodopensis</i> from two habitats. <i>Genetics and Plant Physiology</i> , 5(1), 74-85. http://www.bio21.bas.bg/ippg/bg/wp-content/uploads/2015/04/GPP_5_1_2015_74-85.pdf	–	–	–
9	B4–03	Rapparini F, Neri L, Mihailova G. , Petkova S, Georgieva K. 2015 . 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> , 113, 67-79. https://doi.org/10.1016/j.envexpbot.2015.01.007	Q1	3.712	25
10	Г8-01	Georgieva K, Mihailova G . 2016 . Drought Tolerance of Photosynthesis. <i>In: Handbook of photosynthesis</i> , Pessaraki M (Ed.), Third edition, CRC Press, Taylor & Francis Group, 683-696. https://www.crcpress.com/Handbook-of-Photosynthesis-Third-Edition/Pessaraki/9781482230734	–	–	15
11*	Г7–07	Mihailova G , Büchel C, Dietzel L, Georgieva K. 2016 . Desiccation induced changes in photosynthesis related proteins of shade and sun <i>Haberlea rhodopensis</i> plants. <i>Comptes rendus de l'Académie bulgare des Sciences</i> , 69(1), 2016, 37-44.	Q3	0.251	15
12	Г7–08	Georgieva K, Rapparini F, Bertazza G, Mihailova G , Sárvári É, Solti Á, Keresztes Á. 2017 . 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> , 254(1), 193-201. https://doi.org/10.1007/s00709-015-0932-0	Q1	2.457	25
13*	Г7–09	Mihailova G , Abakumov D, Büchel C, Dietzel L, Georgieva K. 2017 . Drought-responsive gene expression in sun and shade plants of <i>Haberlea rhodopensis</i> under controlled environment. <i>Plant Molecular Biology Reporter</i> , 35, 313-322. https://doi.org/10.1007/s11105-017-1025-3	Q1	1.844	25
14	B4–04	Georgieva K, Dagnon S, Gesheva E, Bojilov D, Mihailova G , Doncheva S. 2017 . Antioxidant defense during desiccation of the resurrection plant <i>Haberlea</i>	Q1	2.718	25

		<i>rhodopensis</i> . <i>Plant Physiology and Biochemistry</i> , 114, 51-59. https://doi.org/10.1016/j.plaphy.2017.02.021			
15*	Г7–10	Mihailova G , Kocheva K, Goltsev V, Kalaji HM, Georgieva K. 2018 . Application of a diffusion model to measure ion leakage of resurrection plant leaves undergoing desiccation. <i>Plant Physiology and Biochemistry</i> , 125, 185-192. https://doi.org/10.1016/j.plaphy.2018.02.008	Q1	3.404	25
16*	Г7–11	Mihailova G , Solti Á, Sárvári É, Keresztes Á, Rapparini F, Velitchkova M, Simova-Stoilova L, Aleksandrov V, Georgieva K. 2020 . Freezing tolerance of photosynthetic apparatus in the homoiochlorophyllous resurrection plant <i>Haberlea rhodopensis</i> . <i>Environmental and Experimental Botany</i> , 178, 104157. https://doi.org/10.1016/j.envexpbot.2020.104157	Q1	5.545	25
17	Г7–12	Georgieva K, Mihailova G , Gigova L, Dagnon S, Simova-Stoilova L, Velitchkova M. 2021 . The role of antioxidant defense in freezing tolerance of resurrection plant <i>Haberlea rhodopensis</i> . <i>Physiology and Molecular Biology of Plants</i> , 27(5), 1119-1133. https://doi.org/10.1007/s12298-021-00998-0	Q2	3.023	20
18	Г7–13	Georgieva K, Mihailova G , Fernández-Marín B, Bertazza G, Govoni A, Arzac MI, Laza JM, Vilas JL, García-Plazaola JL, Rapparini F. 2022 . Protective strategies of <i>Haberlea rhodopensis</i> for acquisition of freezing tolerance: Interaction between dehydration and low temperature. <i>International Journal of Molecular Sciences</i> , 23(23), 15050. https://doi.org/10.3390/ijms232315050	Q1	5.6	25
19*	Г7–14	Mihailova G , Solti Á, Sárvári É, Hunyadi-Gulyás É, Georgieva K. 2023 . Protein changes in shade and sun <i>Haberlea rhodopensis</i> leaves during dehydration at optimal and low temperatures. <i>Plants</i> , 12(2), 401. https://doi.org/10.3390/plants12020401	Q1	4	25
20*	Г7–15	Mihailova G , Gashi B, Krastev N, Georgieva K. 2023 . Acquisition of freezing tolerance of resurrection species from Gesneriaceae, a comparative study. <i>Plants</i> , 12(9), 1893. https://doi.org/10.3390/plants12091893	Q1	4	25

* – Първи или кореспондиращ автор

СПРАВКА

към списъка на научните публикации на гл. ас. д-р Гергана Кирилова Михайлова за участие в конкурс за заемане на академична длъжност „доцент”

Общ брой публикации за участие в конкурса: 20 публикации

Тип научна публикации:

Експериментална: **19** публикации

Глава от книга или обзор: **1** публикация

Разпределение на публикациите по квартали (<https://www.scimagojr.com/>):

Q1 – 12 публикации

Q2 – 2 публикации

Q3 – 1 публикация

Научни публикации без IF, но индексирани в WoS и/или Scopus – **3** (№ 3, 4, 10)

Публикации без IF, индексирани в WoS и/или Scopus, но с SJR – **1** (№ 7)

Научни публикации в рецензирани списания, неиндексирани в WoS и Scopus – **1** (№ 8)

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JCR IF:

JCR IF на всички публикации за участие в конкурса: **43.952**

JCR IF на публикациите за участие в конкурса, в които Гергана Михайлова е първи или кореспондиращ автор: **19.044**

Списание	Брой статии	№ от списъка	Сума от JCR IF
Acta Biologica Szegediensis	1	7	–
Comptes rendus de l'Académie bulgare des Sciences	2	2, 11*	0.462
Environmental and Experimental Botany	2	9, 16*	9.257
Genetics and Plant Physiology	1	8*	–
Handbook of photosynthesis	1	10	–
International Journal of Molecular Sciences	1	18	5.6
Journal of Plant Physiology	1	5	2.557
Journal of Photochemistry and Photobiology B: Biology	1	6	2.960
Photosynthesis: Research for Food, Fuel and Future	2	3, 4	–
Physiology and Molecular Biology of Plants	1	17	3.023
Plant Molecular Biology Reporter	1	13*	1.844
Plant Growth Regulation	1	1	1.670
Plant Physiology and Biochemistry	2	14, 15*	6.122
Plants	2	19*, 20*	8
Protoplasma	1	12	2.457



Септември 2024 г.

/Гергана Михайлова/