

## СПИСЪК

на публикациите, представени за участие в конкурса за професор

на доц. д-р Катя Маринова Георгиева

1. **Georgieva K.**, I.Fedina, L.Maslenkova, V. Peeva - Responce of chlorina barley mutants to heat stress under low and high light. *Functional Plant Biology*, 30, 515-524, 2003. **ИФ = 2.156**
2. Fedina I., I. Grigorova, **K. Georgieva** - Response of barley seedlings to UV-B radiation as affected by NaCl. *J. Plant Physiol.*, 160, 205-208, 2003. **ИФ = 2.677**
3. Fedina I., **K. Georgieva**, I. Grigorova - Response of barley seedlings to UV-B radiation as affected by proline and NaCl. *Biol. Plantarum*, 47 (4), 549-554, 2004. **ИФ = 1.582**
4. **Georgieva K.**, L. Maslenkova, V. Peeva, Y. Markovska, D. Stefanov, Z. Tuba - Comparative study on the changes in photosynthetic activity of the homoiochlorophyllous desiccation-tolerant *Haberlea rhodopensis* and spinach leaves during desiccation and rehydration. *Photosynth. Res.*, 85, 191-203, 2005. **ИФ = 2.41**
5. Peli E., V. Peeva, **K. Georgieva**, Z. Tuba – Some responses of the homeochlorophyllous desiccation-tolerant dicot *Haberlea rhodopensis* Friv. to desiccation and rehydration. *Cereal Research Communications*, 33, 293-295, 2005. **ИФ = 0.084**
6. Peli E., V. Peeva, **K. Georgieva**, Z. Tuba - Investigation of the homoiochlorophyllous desiccation-tolerant dicot *Haberlea rhodopensis* Friv. during dessication and rehydration - *Acta Biologica Szegediensis*, 49(1-2), 173-174, 2005.
7. Fedina I., M. Velitchkova, **K. Georgieva**, I. Grigorova – UV-B –induced compounds as affected by proline and NaCl in *Hordeum vulgare* L. cv. Alfa. *Environmental and Experimental Botany*, 54, 182-191, 2005. **ИФ = 2.699**
8. Fedina I., **K. Georgieva**, M. Velitchkova, I. Grigorova – Effect of pre-treatment of barley seedlings with different salts on the level of UV-B induced and UV-B absorbing compounds. *Environmental and Experimental Botany*, 56, 225-230, 2006. **ИФ = 2.699**
9. **Georgieva K.**, L. Maslenkova - Thermostability and Photostability of PSII in Leaves of Resurrection Plant *Haberlea rhodopensis* Studied by Means of Chlorophyll Fluorescence. *Z. Naturforschung*, 61c, 234-240, 2006. **ИФ = 0.718**
10. **Georgieva K.**, H.K. Lichtenthaler - Photosynthetic response of different pea cultivars to a low and high temperature treatment. *Photosynthetica*, 44(4), 569-578, 2006. **ИФ = 1.016**
11. Fedina I., **K. Georgieva**, M. Velitchkova, I. Grigorova - Effect of chloramphenicol and cycloheximide on the level of UV-B induced compounds in barley seedlings. *Egyptian Journal of Applied Sciences*, 21 (12A), 17-29, 2006.

12. Fedina I., M. Velitchkova, **K. Georgieva**, K. Demirevska, L. Simova – UV-B response of green and etiolated barley seedlings. *Biol Plantarum*, 51(4), 699-706, 2007. **ИФ = 1.582**
13. **Georgieva K.**, Z. Szigeti, E. Sarvari, L. Gaspar, L. Maslenkova, V. Peeva, E. Peli, Z. Tuba - Photosynthetic activity of homoiochlorophyllous desiccation tolerant plant *Haberlea rhodopensis* during dehydration and rehydration. *Planta*, 225(4), 955-964, 2007. **ИФ = 3.098**
14. **Georgieva K.**, S. Lenk, C. Buschmann - Responses of the resurrection plant *Haberlea rhodopensis* to high irradiance. *Photosynthetica*, 46, 208-215, 2008. **ИФ = 1.016**
15. Çakırlar H., N. Çiçek, I. Fedina, **K. Georgieva**, A. Doğru, M. Velitchkova - NaCl induced cross-acclimation to UV-B radiation in four barley (*Hordeum vulgare* L.) cultivars. *Acta Physiol Plant.*, 30, 561–567, 2008. **ИФ = 1.344**
16. Peli E., G. Mihailova, S. Petkova, **K. Georgieva** - Root respiration in whole *Haberlea rhodopensis* Friv. plants during desiccation and rehydration. *Acta Biologica Szegediensis*, 52(1), 115-117, 2008.
17. Fedina I., **K. Georgieva**, M. Velitchkova, D. Nedeva, H. Çakarlar - UV-B response of greening barley seedlings. *Acta Biologica Hungarica*, 60 (2), 195-210, 2009. **ИФ = 0.793**
18. **Georgieva K.**, A. Roding, C. Buchel - Changes in some thylakoid membrane proteins and pigments upon desiccation of the resurrection plant *Haberlea rhodopensis*. *J Plant Physiology*, 166, 1520-1528, 2009. **ИФ = 2.677**
19. Fedina I., D. Nedeva, **K. Georgieva**, M. Velitchkova - Methyl jasmonate counteract UV-B stress in barley seedlings, *Journal of Agronomy and Crop Science*, 195 (3), 204-212, 2009. **ИФ = 1.952**
20. Mihailova G., S. Petkova, **K. Georgieva** - Changes in some antioxidant enzyme activities in *Haberlea rhodopensis* during desiccation at high temperature. *Biotechnology and Biotechnological equipment*, Special issue, 23 (2), 561-564, 2009. **ИФ = 0.503**
21. Mihailova G., S. Petkova, D. Stefanov, **K. Georgieva** - Light dependence of photosynthetic oxygen evolution of *Haberlea rhodopensis* desiccated at high temperature. *GAPP*, 35 (3-4), 111-116, 2009.
22. Fedina I., J. Hidema, M. Velitchkova, **K. Georgieva**, D. Nedeva - UV-B induced stress responses in three rice cultivars. *Biologia Plantarum*, 54 (3), 571-574, 2010. **ИФ = 1.582**
23. **Georgieva K.**, E. Sarvari, A. Keresztes - Protection of thylakoids against combined light and drought by a lumenal substance in the resurrection plant *Haberlea rhodopensis*. *Annals of Botany*, 105, 117-126, 2010. **ИФ = 3.388**
24. **Georgieva K.**, A. Ivanova, S. Doncheva, S. Petkova, D. Stefanov, E. Péli, Z. Tuba - Fatty acid content during reconstitution of photosynthetic apparatus of

25. Mihailova G., S. Petkova, C. Büchel, **K. Georgieva** - Desiccation of the resurrection plant *Haberlea rhodopensis* at high temperature – *Photosynth. Res.* 108, 5-13, 2011. **ИФ = 2.41**
26. H. Nagy-Déri, E. Péli, **K. Georgieva**, Z. Tuba - Changes in chloroplast morphology of different parenchyma cells in leaves of *Haberlea rhodopensis* Friv. during desiccation and following rehydration. *Photosynthetica*, 49, 119-126, 2011. **ИФ = 1.016**
27. **Georgieva K.**, S. Doncheva, G. Mihailova, S. Petkova - Effect of light on the photosynthetic activity during desiccation of the resurrection plant *Haberlea rhodopensis*. *Proceedings of the 15th International Congress on Photosynthesis*, Beijing, China, 2010 (in press).
28. Mihailova G., S. Petkova, D. Stefanov, **K. Georgieva** - Effect of desiccation of the resurrection plant *Haberlea rhodopensis* at high temperature on the photochemical activity of PSI and PSII. *Proceedings of the 15th International Congress on Photosynthesis*, Beijing, China, 2010 (in press).
29. Velitchkova M., D. Lazarova, G. Mihailova, D. Stanoeva, V. Dolchinkova, **K. Georgieva** - Characterization of energy transfer processes and flash oxygen yields of thylakoid membranes isolated from resurrection plant *Haberlea rhodopensis* subjected to different extent of desiccation. *Proceedings of the 15th International Congress on Photosynthesis*, Beijing, China, 2010 (in press).
30. Çiçek N., I. Fedina, H. Çakırlar, M. Velitchkova, **K. Georgieva** - Could short-term high temperature pre-treatment provide an acclimation to UV-B radiation in barley? *Turkish Journal of Agriculture and Forestry* (in press). **ИФ = 0.675**
31. Péli E., G. Mihailova, S. Petkova, Z. Tuba, **K. Georgieva** - Comparative ecophysiological responses of whole *Haberlea rhodopensis* plants to dehydration-rehydration cycles. *Acta Physiol Plant* (in press) **ИФ = 1.344**
32. **Georgieva K.**, S. Doncheva, G. Mihailova, S. Petkova - Desiccation of the resurrection plant *Haberlea rhodopensis* under high irradiance – *Plant Growth Regul* (in press) **ИФ = 1.630**
33. **Georgieva K.**, G. Mihailova, S. Petkova - Photochemical efficiency of Photosystem II during desiccation of shade- and sun-adapted plants of *Haberlea rhodopensis*. *Compt. Rend Bulg. Acad. Sci.* (in press) **ИФ = 0.219**

Класификация на научните публикации на доц. К. Георгиева за участие в конкурса по тип издания

Списание	Брой	№ от списъка	Импакт фактор (JCR2010)	Общ IF
<b>Списания с IF и специализирани международни издания:</b>				
Annals of Botany	1	23	3.388	3.388
Planta	1	13	3.098	3.098
Environmental and Experimental Botany	2	7, 8	2.699	5.398
Journal of Plant Physiology	2	2, 18	2.677	5.354
Photosynthesis Research	2	4, 25	2.41	4.82
Functional Plant Biology	1	1	2.156	2.156
Journal of Agronomy and Crop Science	1	19	1.952	1.952
Plant Growth Regulation	1	32	1.630	1.630
Biologia Plantarum	4	3, 12, 22, 24	1.582	6.328
Acta Physiologia Plantarum	2	15, 31	1.344	2.688
Photosynthetica	3	10, 14, 26	1.016	3.048
Acta Biologica Hungarica	1	17	0.793	0.793
Zeitschrift für Naturforschung C.	1	9	0.718	0.718
Turkish Journal of Agriculture and Forestry	1	30	0.675	0.675
Biotechnology and Biotechnological equipment	1	20	0.503	0.503
Cereal Research Communications	1	5	0.084	0.084
<b>Чуждестранни списания без IF:</b>				
Acta Biologica Szegediensis	2	6, 16		
Egyptian Journal of Applied Sciences	1	11		
<b>Български научни списания:</b>				
CR Bulg. Acad. Sci.	1	33	0.219	0.219
General and Applied Plant Physiology	1	21		
<b>Сборници от конгреси, симпозиуми и конференции в чужбина</b>	3	27, 28, 29		
<b>Общо</b>				<b>42.852</b>