

Списък на публикациите
на доц. д-р Катя Маринова Георгиева

Преди ст.н.с. II ст.

1. **Georgieva K.**, I.Yordanov, V.Goltsev, L.Kruleva - Comparative characteristics of the thermosensitivity of the ms delayed fluorescence in the pea cultivars. In: Int. Symp. on Plant Mineral Nutr. and Photosynthesis vol.II. Photosynthesis, Varna, Bulgaria, Oct. 4-10, 126-130, 1987.
2. **Georgieva K.**, I. Yordanov, L. Kruleva, G. Popov - Thermosensitivity of photosynthesis of two pea cultivars. I. Changes in the photosynthetic rate and ^{14}C metabolism. *Plant Physiol. (Bulg.)*, 15 (2), 17-22, 1989.
3. **Georgieva K.**, I.Yordanov, L.Kruleva - Thermal stability of the photosynthesis of two pea varieties. II. Changes in the activity of cyclic photophosphorylation. *Compt. Rend. Bulg. Acad. Sci.*, 42 (5), 109-112, 1989. **ИФ = 0.219**
4. **Georgieva K.**, V.Goltsev, I.Yordanov - Influence of high temperature on electrophoretic mobility of chloroplasts of two pea cultivars. *Photosynthetica*, 23 (1), 399-402, 1989. **ИФ = 1.016**
5. **Georgieva K.**, I.Yordanov, V. Vasileva - Influence of high temperature treatment on RUBISCO and PEPC activity and photosynthetic rate in two pea cultivars. *Plant Physiol. (Bulg.)*, VIII (1), 225-230, 1990.
6. **Georgieva K.**, I.Yordanov, V.Goltsev - Temperature sensitivity of chloroplast and leaf fluorescence of acclimated and non-acclimated plants of two pea cultivars. *Compt. Rend Bulg. Acad. Sci.*, 45 (11), 115-117, 1992. **ИФ = 0.219**
7. **Georgieva K.**, I. Yordanov – Temperature dependence of chlorophyll fluorescence parameters of pea seedlings. *J. Plant Physiol.*, 142, 151-155, 1993. **ИФ = 2.677**
8. Iordanov I., A. Moskalenko, N. Kuznetsova, **K. Georgieva** - Polypeptide composition, pigment-protein complexes and functional activity of thylakoid membranes, isolated from heat-acclimated and non-acclimated pea plants. *Photosynthetica*, 29(3), 427-435, 1993. **ИФ = 1.016**
9. **Georgieva K.**, I. Yordanov - Temperature sensitivity of the photosynthetic apparatus of pea plants. In: Scientific works (Bulg.), XXXVIII(2), 149-152, 1993.
10. Kroumova A., **K. Georgieva** - Functioning of photosynthetic apparatus of tobacco regenerants *in vivo* and *in vitro*. *Compt. Rend Bulg. Acad. Sci.*, 46 (10), 197-98, 1993. **ИФ = 0.219**
11. **Georgieva K.**, I. Yordanov - Temperature dependence of photochemical and non-photochemical fluorescence quenching in intact pea leaves. *J. Plant Physiol.*, 144, 754-759, 1994. **ИФ = 2.677**
12. **Georgieva K.**, I.Yordanov, A.Kroumova - Optimisation of the tobacco plantlets transplantation to *in vivo* conditions, *Comp. Rend. Bulg. Acad. Sci.*, 48(2), 101-104, 1995. **ИФ = 0.219**

13. Vassilev A., **K. Georgieva**, I.Yordanov, T.Tsonev - Response of photosynthetic apparatus of two barley cultivars to Cd²⁺-stress. In: *Symp. Photochemical processes in plants under environmental stress*, Lublin, Poland, P.B.-23, 1995.
14. Dolchinkova V., **K. Georgieva**, G. Ganeva - Photoinduced surface charge density changes in pea, Chlamidomonas reinhardtii thylakoids and Plectonema boryanum spheroplasts. In: *Proceed. of Xth Intern. Photosynthesis Congress*, Monpellier, France, III, 353-356, 1995.
15. Vassilev A., **K. Georgieva**, I.Yordanov, - Influence of Cd-stress on the thermosensitivity of chlorophyll fluorescence parameters in two barley cultivars. *Compt. Rend. Acad. Bulg. Sci.*, 49 (2), 1996. **ИФ = 0.219**
16. Yordanov I., **K. Georgieva**, T. Tsonev, V. Velikova - Effect of cold hardening on some photosynthetic characteristics of pea plants. *Bulg. J. Plant Physiol.*, 22 (1-2), 13-21, 1996.
17. **Georgieva K.**, I. Yordanov, A. Kroumova - Photosynthetic characteristics of transformed tobacco plants grown in vitro after transplantation in natural conditions. *Bulg. J. Plant Physiol.*, 22 (3), 1996.
18. Yordanov I., T. Tsonev, V. Goltsev, M. Merakchiiska-Nikolova, **K. Georgieva** - Gas exchange and chlorophyll fluorescence during water and high temperature stresses and recovery. Probable protective effect of carbamide cytokinin 4-PU30. *Photosynthetica* 33 (3-4), 423-431, 1997. **ИФ = 1.016**
19. Yordanov I., T. Tsonev, **K. Georgieva**, M. Merakchiiska-Nikolova, V. Velikova, L. Kruleva - Influence of carbamide cytokinin 4-PU30 on the photosynthesis of bean plants endured middle high temperature stress. *Compt. Rend. Bulg. Acad. Sci.*, 50 (5), 99-102, 1997. **ИФ = 0.219**
20. Velikova V., I. Yordanov, **K. Georgieva**, T. Tsonev, V. Goltsev - Effects of exogenous polyamines applied separately and in combination with simulated acid rain on functional activity of photosynthetic apparatus. *J. Plant Physiol.*, 153, 299-307, 1998. **ИФ = 2.677**
21. Tsonev T., D. Stefanov, **K. Georgieva**, I. Yordanov - Photosynthetic activity of bean plants under conditions of high- and low-temperature induced photoinhibition. In: G. Garab (ed.) *Photosynthesis: Mechanisms and Effects*, IV, 2497-2500. Kluwer Academic Publishers, 1998.
22. Yordanov I., **K. Georgieva**, T. Tsonev, V. Goltsev, M. Merakchiiska - Effect of carbamide cytokinin 4PU-30 on the photosynthesis of bean plants endured drought and high temperature stresses. In: G. Garab (ed.) *Photosynthesis: Mechanisms and Effects*, IV, 2577-2580. Kluwer Academic Publishers, 1998.
23. **Georgieva K.**, O. Kruse, J. Barber - Investigating the role of CP43 phosphorylation during environmental stress. In: G. Garab (ed.) *Photosynthesis: Mechanisms and Effects*, III, 2159-2162. Kluwer Academic Publishers, Dordrecht 1998.
24. **Georgieva K.** - Effect of protein phosphorylation on the functional activity of photosystem 2 under photoinhibitory conditions. *Bulg. J. Plant Physiol.*, 23 (3-4), 24-34, 1998.

25. **Georgieva K.**, H. Lichtenthaler - Photosynthetic Activity and acclimation ability of pea plants to low and high temperature treatment as studied by means of chlorophyll fluorescence. *J. Plant Physiol.*, 155, 416-423, 1999. **ИФ = 2.677**
26. **Georgieva K.**, I. Yordanov, T. Tsonev - Influence of low temperature treatment on the functional activity and acclimation ability of the photosynthetic apparatus of pea plants. *Compt. Rend. Bulg. Acad. Sci.*, 52 (7-8), 71-74, 1999. **ИФ = 0.219**
27. **Georgieva K.** - Some mechanisms of damage and acclimation of the photosynthetic apparatus to high temperature. *Bulg. J. Plant Physiol.*, 25 (3-4), 89-99, 1999.
28. **Georgieva K.** - Photosynthetic response of two pea cultivars to low temperature. *Compt. Rend. Bulg. Acad. Sci.*, 53 (5), 89-92, 2000. **ИФ = 0.219**
29. **Georgieva K.** - Influence of high temperature on the photosynthetic activity in two pea cultivars. *Compt. Rend. Bulg. Acad. Sci.*, 53 (6), 95-98, 2000. **ИФ = 0.219**
30. Tsonev T., I. Simidjiev, **K. Georgieva**, V. Velikova, I. Yordanov, Z. Cseh, G. Garab. Heat-induced changes in the chlorophyll fluorescence of pea chloroplasts. *Compt. Rend. Bulg. Acad. Sci.*, 53 (6), 99-102, 2000. **ИФ = 0.219**
31. **Georgieva K.**, T. Tsonev, V. Velikova, I. Yordanov - Photosynthetic activity during high temperature treatment of pea plants. *J. Plant Physiol.*, 157, 169-176, 2000. **ИФ = 2.677**
32. Dolchinkova V., **K. Georgieva**, V. Kapchina-Toteva and J. Polle - Electrokinetic properties of thylakoids in *in vitro* cultured *Gypsophila paniculata* plants. *Austr. J. Plant Physiol.*, 27 (11), 2000. **ИФ = 2.156 (Functional Plant Biology now)**
33. **Georgieva K.**, L. Maslenkova - Drought induced changes in PSII activity in leaves from dessication-sensitive plant *Spinacia oleracea* and dessication-tolerant “resurrection” fern *Polypodium polypodioides*. *Compt. Rend. Bulg. Acad. Sci.*, 54 (2), 67-72, 2001. **ИФ = 0.219**
34. Yordanova E., **K. Georgieva**, N. Goranova, Y. Yordanov - Influence of the herbicide chlortoluron on photosynthetic activity in transgenic tobacco plants. *Photosynthetica*, 39(2), 313-316, 2001. **ИФ = 1.016**
35. Yordanov I., **K. Georgieva**, V. Velikova, T. Tsonev, M. Merakchiiska-Nikolova, S. Paunova, D. Stefanov - Response of the photosynthetic apparatus of different wheat genotypes to drought: I. Laboratory experiments under controlled light and temperature conditions. *Compt. Rend. Bulg. Acad. Sci.*, 54 (12), 79-84, 2001. **ИФ = 0.219**
36. Yordanov I., V. Velikova, T. Tsonev, **K. Georgieva**, P. Ivanov, N. Tsenov, T Petrova - Changes in CO₂ assimilation, transpiration and stomatal resistance of different wheat cultivars experiencing drought under field conditions. *Bulg. J. Plant Physiol.*, 27, 20-33, 2001.
37. Dolchinkova V., **K. Georgieva**, V. Kapchina-Toteva - Study of electrokinetic properties of thylakoids in *in vitro* cultured *Rosa hybrida* plants. *Annuare de l'Universite de Sofia “St. Kliment Ohridski”, Faculte de Biologie*, Livre 3, Tome 92-94, 81-87, 2002.
38. **Georgieva K.** and E. Brugnoli - Influence of high temperature on the photosynthetic apparatus. In: A. Hemantaranjan (ed.) *Advances in Plant Physiology*, 4, 75-88, Scientific

Publishers (India), 2002.

39. Fedina I., **K. Georgieva**, I. Grigorova - Light-dark changes of proline content in barley leaves under salt stress. *Biol. Plant.*, 45, 59-63, 2002. **ИФ = 1.582**
40. Yordanov I., **K. Georgieva**, V. Velikova, T. Tsonev, V. Goltsev, P. Ivanov, N. Tsenov, T. Petrova - Responses of photosynthetic apparatus of different wheat (*Triticum aestivum L.*) genotypes to drought under field conditions. II. Changes in O₂ evolution and chlorophyll fluorescence parameters – a possible basis for screening of drought tolerance. *Genetics and Breeding*, 31(3-4), 21-30, 2001/2002

След ст.н.с. II ст.

41. **Georgieva K.**, I. Fedina, L. Maslenkova, V. Peeva - Response of chlorina barley mutants to heat stress under low and high light. *Functional Plant Biology*, 30, 515-524, 2003. **ИФ = 2.156**
42. 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**
43. Tsonev T., V. Velikova, **K. Georgieva**, P. Hyde, H. Jones - Low temperature enhances photosynthetic down-regulation in french bean (*Phaseolus vulgaris L.*) plants. *Annals of Botany*, 91, 1-10, 2003. **ИФ = 3.388**
44. Popova L., E. Ananieva, V. Hristova, K. Christov, **K. Georgieva**, V. Alexieva, Zh. Stoinova - Salicylic acid- and methyl jasmonate-induced protection on photosynthesis to paraquat oxidative stress. *Bulg. J. Plant Physiol.*, Special Issue, 133-152, 2003.
45. 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**
46. Doltchinkova V., **K. Georgieva**, N. Traytcheva, Ch. Slavov, K. Mishev – Melittin-induced changes in thylakoid membranes: particle electrophoresis and light scattering study. *Biophys. Chemistry*, 109 (3), 387-397, 2004. **ИФ = 2.108**
47. **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**
48. 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**
49. 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.
50. Doncheva S., **K. Georgieva**, V. Vassileva, Z. Stoyanova, N. Popov, G. Ignatov - Effect of succinate on manganese toxicity in pea plants (*Pisum sativum*). *Journal Plant Nutrition*, 28 (1), 47-62, 2005. **ИФ = 0.726**

51. Doltchinkova V., **K. Georgieva**, N. Traytcheva – Effect of bee melittin on biological membranes. Electrokinetic properties of pea thylakoid membranes. *Annuaire de L'Universite de Sofia, Faculte de Biologie*, 96 (1), 229-244, 2005.
52. 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**
53. Ananieva K., **K. Georgieva**, N. Tzvetkova, S. Petkova, E. D. Ananiev – Specific effects of darkness and MeJa treatment on senescence related photosynthetic parameters in intact *Cucurbita pepo* (Zucchini) cotyledons. *Comp. Rend. Bulg. Acad. Sci.*, 58, 1433-1438, 2005. **ИФ = 0.219**
54. 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**
55. **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**
56. **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**
57. Doncheva S., Z. Stoyanova, **K. Georgieva**, D. Nedeva, R. Dikova, G. Zehirov, A. Nikolova – Exogenous succinate increases resistance of maize plants to copper stress. *J. Plant Nutrition and Soils Sciences*, 169, 247-254, 2006. **ИФ = 1.969**
58. 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.
59. Christov I., D. Stefanov, T. Velinov, V. Goltsev, **K. Georgieva**, P. Abracheva, Y. Genova, Nikolai Christov – Symptomless leaf infection in grapevine plants grown *in vitro* with grapevine leafroll associated virus 3 JPP, *J Plant Physiol.*, 164 (9), 1124-1133, 2007. **ИФ = 2.677**
60. 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**
61. Goranova N., M. Nedkovska, E. Todorovska, L. Simova-Stoilova, Z. Stoyanova, **K. Georgieva**, K. Demirevska-Kepova, A. Atanassov, R. Herzig - Improved phytoaccumulation of cadmium by genetically modified tobacco plants (*Nicotiana tabacum* L.). Physiological and biochemical response of the transformants to cadmium toxicity. *Environmental Pollution*, 145, 161-179, 2007. **ИФ = 3.395**
62. Ananieva K., E. Ananiev, K. Mishev, **K. Georgieva**, J. Malbeck, M. Kaminek, J. van Staden - Methyl jasmonate is a more effective senescence-promoting factor in *Cucurbita pepo* (zucchini) cotyledons when compared with darkness at the early stage senescence. *J. Plant Physiol.*, 164 (9), 1179-1187, 2007. **ИФ = 2.677**

63. Georgieva K., Z. Szigeti, E. Sarvari, L. Gaspar, L. Maslenkova, V. Peeva, E. Peli, Z. Tuba - Photosynthetic activity of homiochlorophyllous desiccation tolerant plant *Haberlea rhodopensis* during dehydration and rehydration. *Planta*, 225(4), 955-964, 2007. **ИФ = 3.098**
64. Lambrev P., Ts. Tsonev, V. Velikova, **K. Georgieva**, M. Lambreva, I. Yordanov, L. Kovacs, G. Garab - Trapping of the quenched conformation associated with non-photochemical quenching of chlorophyll fluorescence at low temperature. *Photosynth. Res.*, 94 (2-3), 321-332, 2007. **ИФ = 2.41**
65. **Georgieva K.**, S. Lenk, C. Buschmann - Responses of the resurrection plant *Haberlea rhodopensis* to high irradiance. *Photosynthetica*, 46, 208-215, 2008. **ИФ = 1.016**
66. Ananieva K., E. Ananiev, K. Mishev, **K. Georgieva**, N. Tzvetkova, J. Van Staden - Changes in photosynthetic capacity and polypeptide patterns during natural senescence and rejuvenation of *Cucurbita pepo* L. (zucchini) cotyledons. *Plant Growth Regul.*, 54, 23–29, 2008. **ИФ = 1.630**
67. 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**
68. Ananieva K., E. Ananiev, S. Doncheva, **K. Georgieva**, N. Tzvetkova, M. Kaminek, V. Motyka, P. Dobrev, S. Gajdosova, J. Malbeck - Senescence progression in a single darkened cotyledon depends on the light status of the other cotyledon in *Cucurbita pepo* (zucchini) seedlings: potential involvement of cytokinins and cytokinin oxidase/dehydrogenase activity. *Physiologia Plantarum*, 134, 609–623, 2008. **ИФ = 3.067**
69. 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.
70. 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**
71. **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**
72. 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**
73. Doncheva S., C. Poschenrieder, Z. Stoyanova, **K. Georgieva**, M. Velichkova, J. Barcelo - Silicon amelioration of manganese toxicity in Mn-sensitive and Mn tolerant maize varieties. *Environmental and Experimental Botany*, 65, 189-197, 2009. **ИФ = 2.699**
74. 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**

75. 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.
76. Stanilova M., **K. Georgieva**, S. Petkova, R. Gorgorov, S. Doncheva - Physiological characteristics of in vitro and field cultivated *Leucojum aestivum* L. plants. *GAPP*, 35 (3-4), 140-145, 2009.
77. 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**
78. **Georgieva K.**, E. Sarvari, A. Keresztes - Protection of thylakoids against combined light and drought by a luminal substance in the resurrection plant *Haberlea rhodopensis*. *Annals of Botany*, 105, 117-126, 2010. **ИФ = 3.388**
79. Demirevska K., L. Simova-Stoilova, I. Fedina, **K. Georgieva**, K. Kunert - Response of Oryzacystatin I Transformed Tobacco Plants to Drought, Heat and Light Stress. *Journal of Agronomy and Crop Science*, 196 (2), 90-99, 2010. **ИФ = 1.952**
80. **Georgieva K.**, A. Ivanova, S. Doncheva, S. Petkova, D. Stefanov, E. Péli, Z. Tuba - Fatty acid content during reconstitution of photosynthetic apparatus of poikilochlorophyllous and air dried *Xerophyta scabrida* leaves following rehydration. *Biologia Plantarum*, 55(3), 581-585, 2011. **ИФ = 1.582**
81. 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**
82. 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**
83. **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).
84. 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).
85. 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).
86. 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**

87. 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**
88. **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**
89. **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**
90. **Георгиева К.**, Л. Попова-Стаевска - Нови научни предизвикателства – изкуствена фотосинтеза. *Новости* – месечен информационен бюллетин на БАН за наука и технологии, 4, 2009

Класификация на научните публикации на доц. К. Георгиева по тип издания

Списание	Брой	№ от списъка	Импакт фактор (JCR2010)	Общ IF
Списания с IF и специализирани международни издания:				
Environmental Pollution	1	61	3.395	3.395
Annals of Botany	2	43, 78	3.388	6.776
Planta	1	63	3.098	3.098
Physiologia Plantarum	1	68	3.067	3.067
Environmental and Experimental Botany	3	52, 54, 73	2.699	8.097
Journal of Plant Physiology	9	7, 11, 20, 25, 31, 42, 59, 62, 71	2.677	24.093
Photosynthesis Research	3	47, 64, 81	2.41	7.23
Functional Plant Biology	2	32, 41	2.156	4.312
Biophysical Chemistry	1	46	2.108	2.108
J. Plant Nutrition and Soils Sciences	1	57	1.969	1.969
Journal of Agronomy and Crop Science	2	72, 79	1.952	3.904
Plant Growth Regulation	2	66, 88	1.630	3.26
Biologia Plantarum	5	39, 45, 60, 77, 80	1.582	7.91
Acta Physiologia Plantarum	2	67, 87	1.344	2.688
Photosynthetica	7	4, 8, 18, 34, 56, 65, 82	1.016	7.112
Acta Biologica Hungarica	1	70	0.793	0.793
Journal Plant Nutrition	1	50	0.726	0.726
Zeitschrift für Naturforschung C.	1	55	0.718	0.718
Turkish Journal of Agriculture and Forestry	1	86	0.675	0.675
Biotechnology and Biotechnological equipment	1	74	0.503	0.503
Cereal Research Communications	1	48	0.084	0.084
Чуждестранни списания без IF:				
Acta Biologica Szegediensis	2	49, 69		
Egyptian Journal of Applied Sciences	1	58		
Статии в чуждестранни научни книги	1	38		
Български научни списания:				
CR Bulg.Acad. Sci.	14	3, 6, 10, 12, 15, 19, 26, 28, 29, 30, 33, 35, 53, 89	0.219	3.066
Bulg. J. Pl. Physiol. (GAPP)	9	2, 16, 17, 24, 27, 36, 44, 75, 76		
Ann. de L'Univ. de Sofia "St. Kl. Ohridski"	2	37, 51		
Genetics and Breeding	1	40		
Месечен информационен бюллетин на БАН	1	90		
Сборници от конгреси, симпозиуми и конференции в чужбина	8	13, 14, 21, 22, 23, 83, 84, 85		
Сборници от конгреси, симпозиуми и конференции у нас	3	1, 5, 9		
Общо	90			95.584