

СПИСЪК НА ПУБЛИКАЦИИТЕ

на д-р Сергей Веселинов Иванов

I. Публикации за участие в конкурс за “Доцент” към ИФРГ – БАН, обявен в Държавен вестник, брой 10 от 05.02.2013г.

В списания с импакт фактор

1. **Ivanov S.**, Konstantinova T., Parvanova D., Todorova D., Djilianov D., Alexieva V. 2001. Effect of high temperature on the growth, free proline content and some antioxidants in tobacco plants. *Compt. rend. Acad. Bulg. Sci.* 54(7), 71 – 74.
ИФ – 0,210
2. **Ivanov S.**, Alexieva V., Sergiev I., Karanov E., 2002. Effect of low and high temperature treatment on the glutathione level pool and activity of glutathione-S-transferase in wild and ethylene insensitive mutant *eti5* of *Arabidopsis thaliana* (L.) neynh plants. *Compt. rend. Acad. Bulg. Sci.* 55(8), 89 – 92.
ИФ – 0,210
3. Miteva L., **Ivanov S.**, Alexieva V., Karanov E. 2003. Effect of herbicide glyphosate on the glutathione levels, glutathione-s-transferase and glutathione reductase in two plant species,. *Compt. rend. Acad. Bulg. Sci.* 56(1), 79 – 84.
ИФ – 0,210
4. Lambrev P., **Ivanov S.**, Goltsev V. 2003. Effects of prolonged action of sub-herbicide concentrations of atrazine on the photosynthetic function of pea plants. *Compt. rend. Acad. Bulg. Sci.* 56(3), 59 – 62.
ИФ – 0,210
5. Miteva L., **Ivanov S.**, Alexieva V. 2003. Comparative effect of 2,4-D on the glutathione levels, glutathione-s-transferase and glutathione reductase in pea (*Pisum sativum* L.) and wheat (*Triticum aestivum* L.). *Compt. rend. Acad. Bulg. Sci.* 56(3), 53 – 58.
ИФ – 0,210
6. Katerova Z., Alexieva V., **Ivanov S.**, Mapelli S., Karanov E., 2003. Effect of two daily and low-intensity UV-B radiations on growth and stress markers in young pea (*Pisum sativum* L.) plants. *Compt. rend. Acad. Bulg. Sci.* 56(6), 73 – 78.
ИФ – 0,210
7. Todorova D., Parvanova D., Konstantinova T., **Ivanov S.**, Djilianov D., Alexieva V. 2003. Endogenous free and bound polyamine content in tobacco plants subjected to high temperature stress. *Compt. rend. Acad. Bulg. Sci.* 56(6), 79 – 84.
ИФ – 0,210
8. Sergiev I., Alexieva V., **Ivanov S.**, Bankova V., Mapelli S. 2004. Plant growth regulating activity of some flavonoids. *Compt. rend. Acad. Bulg. Sci.* 57(4), 63 – 68.
ИФ – 0,210
9. Parvanova D., **Ivanov S.**, Konstantinova T., Karanov E., Atanassov A., Tsvetkov T., Alexieva V., Djilianov D., 2004. Transgenic tobacco plants accumulating osmolytes show reduced oxidative damage under freezing stress. *Plant. Physiol. Biochem.* 42, 57 – 63.
ИФ – 2,838
10. **Ivanov S.**, Miteva L., Alexieva V., Karjin H., Karanov E., 2005. Alterations in some oxidative parameters in wheat plants infected with *Puccinia recondita f.sp. tritici*. *J. Plant Physiol.* 162(3), 275 – 279.
ИФ – 2,791

11. **Ivanov S.**, Alexieva V., Karanov E. 2005. Cumulative effect of low and high atrazine concentrations on *Arabidopsis thaliana* (L.) Heynh plants. *Russian J. Plant Physiol.* 52(2), 213 – 219.
ИФ – 0,709
12. **Ivanov S.**, Katerova Z., Ivanova E., Alexieva V. 2005. Effects of long-term treatment with low concentrations of herbicides atrazine, glyphosate and 2,4D on the IAA oxidase activity in young pea plants. *Compt. rend. Acad. Bulg. Sci.* 58(3), 315 – 318.
ИФ – 0,210
13. Sergiev I., Alexieva V., **Ivanov S.**, Bankova V., Mapelli S., Karanov E. 2005. UV-protecting properties of exogenously applied flavonoids on excised cucumber cotyledons. *Compt. Rend. Acad. Bulg. Sci.*, 58(4), 427 – 432.
ИФ – 0,210
14. Miteva L., Tsoneva J., **Ivanov S.**, Alexieva V. 2005. Alteration of the content of hydrogen peroxide and malondialdehyde and activity of some antioxidant enzymes in the roots and leaves of pea and wheat plants exposed to glyphosate. *Compt. rend. Acad. Bulg. Sci.* 58(6), 723 – 728.
ИФ – 0,210
15. Krezhova D., Yanev T., Lukov St., Pavlova P., Alexieva V., Hristova D., **Ivanov S.** 2005. Method for detecting stress induced changes in leaf spectral reflectance. *Compt. rend. Acad. Bulg. Sci.*, 58(5), 517 – 522.
ИФ – 0,210
16. Brankova L., **Ivanov S.**, Alexieva V., Karanov E. 2005. Salt-induced alteration in the levels of some oxidative parameters and unspecific defense compounds in leaves of two plant species (cotton and bean) with different sensitivity to salinity, *Compt. rend. Acad. Bulg. Sci.*, 58(11), 1307 – 1312.
ИФ – 0,219
17. Sergiev I., Alexieva V., **Ivanov S.**, Moskova I., Karanov E. 2006. The phenylurea cytokinin 4PU-30 protect maize plants against glyphosate action. *Pest. Bioch. Physiol.*, 85, 139 – 146.
ИФ – 1,713
18. **Ivanov S.**, Kerchev P. 2007. Separation and quantification of the cellular thiol pool of pea plants treated with heat, salinity and atrazine. *Phytochemical Analysis*, 18(4), 283 – 290.
ИФ – 2,633
19. Brankova L., **Ivanov S.**, Alexieva V. 2007. The induction of microsomal NADPH: cytochrome P450 and NADH: cytochrome b5 reductases by long-term salt treatment of cotton (*Gossypium hirsutum* L.) and bean (*Phaseolus vulgaris* L.) plants. *Plant. Physiol. Biochem.*, 45(9), 691 – 695.
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20. Shu Hsien Hung, Chun Chi Wang, **Ivanov S.**, Alexieva V., Chih Wen Yu 2007. Repetition of hydrogen peroxide treatment induces a chilling tolerance comparable to cold acclimation in mung bean. *Journal of the American Society for Horticultural Science*, 132(6), 770 – 776.
ИФ – 0,940
21. Miteva L., **Ivanov S.** 2007. Alteration of ascorbate pool upon influence of oxidative stress inducing herbicides. *Compt. rend. Acad. Bulg. Sci.*, 60(8), 883 – 888.
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22. **Ivanov S.**, Stefcheva M., Miteva L., Ivanova E., Alexieva V. 2008. Salicylic acid alleviates leaf rust-inducible oxidative processes in wheat plants. *Oxidation Communications*, 31(4), 895 – 903.
ИФ – 0,250
23. **Ivanov S.**, Kerchev P., 2008. Influence of extraction techniques and solvents on the antioxidant capacity of plant material. *Biotechnology & Bio technological Equipment*, 22(1), 556 – 559.
ИФ – 0,760

24. Katerova Z., Shopova E., Brankova L., **Ivanov S.**, Karanov E. 2008. Alteration in antioxidant enzymes of pea plants in response to prolonged influence of short pulses of ultraviolet-C radiations. *Compt. rend. Acad. Bulg. Sci.* 61(3), 335 – 340.
ИФ – 0,210
25. Katerova Z., **Ivanov S.**, Mapelli S., 2008. Prolonged low dose ultraviolet-B radiation does not activate antioxidant defence in young pea plants. *Compt. rend. Acad. Bulg. Sci.* 61(5), 615 – 620.
ИФ – 0,210
26. Djilianov D., **Ivanov S.**, Georgieva T., Moyankova D., Berkov S., Petrova G., Mladenov P., Christov N., Hristozova N., Peshev D., Tchorbadjieva M., Alexieva V., Tosheva A., Nikolova M., Ionkova I., van den Ende W. 2009. A holistic approach to resurrection plants. *Haberlea rhodopensis* - A case study. *Biotechnology & Biotechnological Equipment*, 23(4), 1414 – 1416.
ИФ – 0,760
27. Katerova Z., **Ivanov S.**, Mapelli S., Alexieva V. 2009. Phenols, proline and low-molecular thiol levels in pea (*Pisum sativum*) plants respond differently toward prolonged exposure to ultraviolet-B and ultraviolet-C radiations. *Acta Physiologiae Plantarum.*, 31(1), 111 – 117.
ИФ – 1,639
28. Katerova Z., **Ivanov S.**, Prinsen E., Van Onckelen H., Alexieva V., Azmi A. 2009. Low doses of ultraviolet-B or ultraviolet-C radiation affect ACC, ABA and IAA levels in young pea plants. *Biologia Plantarum*, 53(2), 365 – 368.
ИФ – 1,974
29. Moskova I., Todorova D., Alexieva V., **Ivanov S.**, Sergiev I. 2009. Effect of exogenous hydrogen peroxide on enzymatic and nonenzymatic antioxidants in leaves of young pea plants treated with paraquat. *Plant Growth Regulation*, 57(2), 193 – 202.
ИФ – 1,604
30. Miteva L., **Ivanov S.**, Alexieva V. 2010. Alterations in glutathione pool and some related enzymes in leaves and roots of pea plants treated with the herbicide glyphosate. *Russian Journal of Plant Physiology*, 57(1), 131 – 136.
ИФ – 0,709
31. Todorova D., Miteva L., **Ivanov S.**, Tsekova K. 2010. The role of thiol species in the tolerance of *Aspergillus niger* B77 to cadmium ions. *Oxidation Communications*, 33(3), 719 – 725.
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33. Djilianov D., **Ivanov S.**, Moyankova D., Miteva L., Kirova E., Alexieva V., Joudi M., Peshev D., Van den Ende W. 2011. Sugar ratios, glutathione redox status and phenols in the resurrection species *Haberlea rhodopensis* and the closely related non-resurrection species *Chirita eberhardtii*. *Plant Biology*, 13(5), 767 – 776.
ИФ – 2,395
34. Peycheva E., Ivanova E., **Ivanov S.**, Miloshev G. 2011. Improved procedure for comet assay on active photosynthetic cells from pea plants. *Oxidation Communications*, 34(2), 320 – 325.
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35. **Ivanov S.**, Shopova E., Kerchev P., Sergiev I., Miteva L., Polizoev D., Alexieva V. 2012. Long-term impact of sublethal atrazine perturbs the redox homeostasis in pea (*Pisum sativum* L.) plants. *Protoplasma*, 250, 95 – 102.
ИФ – 1,922

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38. **Иванов С.** 2004. Стрес и устойчивост при растенията. Растениевъдни науки, 3, 207 – 216, (обзор).
39. Керчев П., Костова Е., **Иванов С.** 2005. Тотален антиоксидантен капацитет на комерсиални плодови сокове. Хранително-вкусова промишленост, 5, 8 – 11.
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43. Krezhova D. Yanev TK., **Ivanov S.**, Alexieva V., Lukov S., Iliev I. 2005. Effect of low concentration of paraquat on the leaf spectral reflectance of pea plants (*Pisum sativum* L.). 11-th International Scientific Conference “Solar-Terrestrial Influences”, Sofia, November 23 – 25, 97 – 100.
44. Иванова Е., **Иванов С.**, 2006, Синглетен кислород в растенията – образуване, детоксификация и физиологични функции. Растениевъдни науки, 2, 99 – 108, (обзор).
45. **Иванов С.**, Керчев П., Михайлова М., Уршев З. 2006. Антиоксидантен капацитет на български кисели млека. Хранително-вкусова промишленост, 1, 11 – 15.
46. Krezhova D., Yanev TK., **Ivanov S.**, Alexieva V. 2006. Remote sensing of the effect of the herbicide glyphosate on the leaf spectral reflectance of pea plants (*Pisum sativum* L.). 26th EARSel Symposium (New Developments and Challenges in Remote Sensing), 29.05 – 02.06.2006, Warsaw, Poland, 33 – 40.
47. Милева С., Алексиева В., **Иванов С.** 2007. Изменения в антиоксидантните характеристики на пиво по време на ферментация. Хранително-вкусова промишленост, 8, 52 – 56.
48. Krezhova D., Yanev TK., Alexieva V., **Ivanov S.** 2007. Remote sensing study of the influence of herbicides fluridone and acifluorfen on the spectral reflectance of pea plant leaves (*Pisum sativum* L.). Recent Advances in Space Technologies, RAST '07. 3rd International Conference, 14-16 June 2007, Istanbul, Turkey, 326 – 330.
49. **Иванов С.**, Алексиева В., Йончева Т., Митева Л., Иванова Е., Керчев П. 2007. Антиоксидантен капацитет на грозде и алкохолни напитки. Конференция “Устойчиво развитие на лозарството и винарството, основани на знанието”, 29 – 30. 08. 2007г. Институт по лозарство и винарство, Плевен, 266 – 271, (обзор).
50. Krezhova D., Yanev TK., Iliev I., Brankova L., **Ivanov S.**, Alexieva V., 2008. Detection of herbicide contamination in plants through changes in leaf spectral reflectance and fluorescence, In: Abiotic Stress and Plant Responses, edited by N. A. Khan and S. Singh, I. K. International, New Delhi, ISBN 978-81-89866-95-2, 217 – 230.

51. **Иванов С.**, Митева Л., Йончева Т., Димитрова В., Алексиева В. 2008. Влияние на сортовите особености върху съдържанието на антиоксиданти в гроздето. Селскостопанска наука, 2, 3 – 8.
52. **Иванов С.**, Алексиева В., Димитрова В., Йончева Т., Митева Л., Иванова Е., Керчев П. 2009. Антиоксидантен капацитет на грозде и алкохолни напитки. сп. “Земеделие плюс”, 1, 48 – 50.
53. **Иванов С.**, Милева С., Шопова Е., Бранкова Л., Алексиева В. 2010. Сравнителен анализ на антиоксидантното съдържание на пиво от търговската мрежа. Хранително-вкусова промишленост, 12, 32 – 34.
54. Yoncheva T., Miteva L., Alexieva V., Kerchev P., Dimitrova V., Brankova B., Shopova E., Koňa J., **Ivanov S.** 2010. An antioxidant capacity of selected Bulgarian wines. Acta horticulturae et regiotechnologiae, 13(1), 5 – 8.

II. Публикации включени в Автореферата за придобиване на докторска степен (не се включват към конкурса).

55. **Ivanov S.**, Alexieva V., Karanov E. 2002. Effect of prolonged action of sub-herbicide concentrations of 2,4-D on the growth and some stress markers of pea (*Pisum sativum* L.) plants. Compt. rend. Acad. Bulg. Sci. 55(1), 89 – 94.
ИФ – 0,210
56. **Ivanov S.**, Miteva L., Alexieva V., Karanov E. 2002. Effect of prolonged action of sub-herbicide concentrations of 2,4-D on the activities of some stress defence enzymes in Pea (*Pisum sativum* L.) plants. Compt. rend. Acad. Bulg. Sci. 55(2), 81 – 84.
ИФ – 0,210
57. **Ivanov S.**, Alexieva V., Karanov E. 2002. Interaction between sub-herbicide concentration of 2,4-D and high temperatures in young pea (*Pisum sativum* L.) plants. Compt. rend. Acad. Bulg. Sci. 55(10), 73 – 78.
ИФ – 0,210
58. **Ivanov S.**, Alexieva V., Karanov E., 2003. Effect of interaction between sub-herbicide concentration of 2,4 D and high temperatures on the activities of some stress defence enzymes in Pea (*Pisum sativum* L.) plants. Compt. rend. Acad. Bulg. Sci. 56(6), 67 – 72.
ИФ – 0,210

III. Научно-популярни (не се включват към конкурса)

- Иванов С.**, 2009. Микотоксините – потайната отрова в храните, Част 1. Хранително-вкусова промишленост. 9, 15 – 17.
- Иванов С.** 2009. Микотоксините – потайната отрова в храните, Част 2. Хранително-вкусова промишленост. 10/11, 14 – 16.
- Иванов С.** 2012. Генетично модифицирани организми в храни и фуражи. Фуражи и хранене, 3, 12 – 16.

Обобщение:

Общ брой статии – **58** (+3 популярни), от тях за участие в конкурса **54**;

В издания с импакт фактор – **39**, от тях за участия в конкурса **35**;

Сумарен импакт фактор – **31,425**, от тях за участие в конкурса **30,585**;

Пръв автор – **19**, от тях за участие в конкурса **15**.

Списание	Брой	№ от списъка	Импакт фактор (2011)	Общ IP
Списания с IF:				
Compt. rend. Acad. Bulg. Sci.	20	1-8, 12-16, 21,24,25, 55-58	0,210	4,200
Oxidation Communications	4	22, 31, 32, 34	0,250	1,000
Plant. Physiol. Biochem.	2	9, 19	2,838	5,676
Biotechnology & Biotechnological Equipment	2	23, 26	0,760	1,520
Russian Journal of Plant Physiology	2	11, 30	0,709	1,418
Journal of Plant Physiology	1	10	2,791	2,791
Pest. Bioch. Physiol.	1	17	1,713	1,713
Phytochemical Analysis	1	18	2,633	2,633
Journal of the American Society for Horticultural Science	1	20	0,940	0,940
Acta Physiologiae Plantarum	1	27	1,639	1,639
Biologia Plantarum	1	28	1,974	1,974
Plant Growth Regulation	1	29	1,604	1,604
Plant Biology	1	33	2,395	2,395
Protoplasma	1	35	1,922	1,922
Чуждестранни списания без IF:				
Plant Protect. Sci.	1	37		
Acta horticulturae et regioteecturae	1	54		
Статии в чуждестранни научни книги:	1	50		
Български списания без IF				
Bulg. J. Plant Physiol.	1	36		
Растениевъдни науки	2	38, 44		
Хранително-вкусова промишленост	5	39, 40, 45, 47, 53		
Селскостопанска наука	1	51		
Земеделие плюс	1	52		
Сборници от конгреси, симпозиуми и конференции в чужбина	2	41, 48		
Сборници от конгреси, симпозиуми и конференции у нас	4	42, 43, 46, 49		
Общо	58			31,425

/Сергей Иванов/

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