

**Списък на цитиранията* върху общия брой публикации
на гл. асистент д-р Десислава Александрова Тодорова**

(Цитираните статии и съответните цитати към тях са подредени по години)

1. 1. Doytcheva, B., A. Nikolova, G. Peev, D. Todorova, (1998). Mass transfer from a single grain to a fluid in an inert fixed bed. *Int. Comm. Heat Mass Transfer*. 25 (3), 399-405.
1. 1. Laguerre, O., D. Flick, 2007. Frost formation on frozen products preserved in domestic freezers. *Journal of Food Engineering* 79 (1), pp. 124-136. (IF)
2. 1. Ivanov, S., T. Konstantinova, D. Parvanova, D. Todorova, D. Djilianov, V. Alexieva (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.
3. 2. Kolupaev, Yu. E., G. E. Akinina, A. V. Mokrousov, 2005. Induction of heat tolerance in wheat coleoptiles by calcium ions and its relation to oxidative stress. *Russ. J. Plant Physiol.*, 52 (2), pp. 199-204. (IF)
3. 2. КАРПЕЦЬ, Ю. В. , О. И. ОБОЗНИЙ, В.М. ПОПОВ, Ю.Є. КОЛУПАЄВ. 2009. ИЗМЕНЕНИЯ АКТИВНОСТИ И ТЕРМОСТАБИЛЬНОСТИ ПЕРОКСИДАЗЫ КОРНЕЙ ПШЕНИЦЫ ПОСЛЕ КРАТКОВРЕМЕННОГО ДЕЙСТВИЯ ГИПЕРТЕРМИИ. *ФИЗИОЛОГИЯ И БИОХИМИЯ КУЛЬТ. РАСТЕНИЙ*. 41. (4), pp. 353-358.
4. 3. Шопова Е., 2011. Анализ на оксидативните процеси в грах (*Pisum sativum* L.), индуцирани от фотоактивно генериран синглетен кислород. *Дисертация, С.*
5. 4. Kolupaev, Yu. E., T. O. Yastreb, N. V. Shvidenko, Yu. V. Karpets. 2012. Induktsiya teploustoichivosti koleoptilei pshenitsy salitsilovoi i yantarnoi kislotami: svyaz' effektov s obrazovaniem i obezvrezhivaniem aktivnykh form kisloroda. *Prikladnaya biokhimiya i mikrobiologiya*, 48 (5), pp. 500-505. (IF)
6. 5. Savicka, M., N. Škute. 2012. Some morphological, physiological and biochemical characteristics of wheat seedling *Triticum aestivum* L. organs after high-temperature treatment. *Ekologija (Lietuvos mokslų akademija)*, 58 (1), pp. 9–21.
7. 1. Peev, G., A. Nikolova, D. Todorova (2002). Mass transfer from solid particles to power law non-Newtonian fluid in granular bed at low Reynolds numbers. *Chem. Eng. J.* 88, 119-125.
7. 1. Ferreira, J., R. Chhabra, 2004. Analytical study of drag and mass transfer in creeping power law flow across tube banks. *Ind. Eng. Chem. Res.*, 43 (13), pp. 3439-3450. (IF)
8. 2. Mangadoddy, N., R. Prakash, R. P. Chhabra, V. Eswaran, 2004. Forced convection in cross flow of power law fluids over a tube bank. *Chem. Eng. Sci.*, 59 (11), pp. 2213-2222. (IF)
9. 3. Shukla, R., R. P. Chhabra, 2004. Effect of non-newtonian characteristics on convective liquid-solid heat transfer in packed and fluidised beds of spherical particles. *Canadian J. Chem. Eng.*, 82 (5), pp. 1071-1075. (IF)
10. 4. Shukla, R., S. D. Dhole, R. P. Chhabra, V. Eswaran, 2004. Convective heat transfer for power law fluids in packed and fluidised beds of spheres. *Chem. Eng. Sci.*, 59 (3), pp. 645-659. (IF)
11. 5. Seddeek, M. A., 2006. Influence of viscous dissipation and thermophoresis on Darcy-

* Цитираните статии са отбелязани със син цвят; цитатите в Български издания са отбелязани с зелен цвят; цитатите в чуждестранни издания - с черен цвят; цитатите в обзори и монографии са подчертани.

- Forchheimer mixed convection in a fluid saturated porous media. *J. Colloid and Interface Sci.*, 293 (1), pp. 137-142. (IF)
12. 6. Bharti, R. P., R. P. Chhabra, V. Eswaran, 2007. Steady forced convection heat transfer from a heated circular cylinder to power-law fluids. *Int. J. Heat Mass Transfer*, 50 (5-6), pp. 977-970. (IF)
13. 7. **Chhabra, R. P., Bubbles, Drops, and Particles in Non-Newtonian Fluids, 2006. ISBN 0824723295, Print ISBN: 978-0-8247-2329-3, eBook ISBN: 978-1-4200-1538-6 CRC Press. Pages 437–519 (Book).**
14. 8. Song, D., Gupta, R.K., Chhabra, R.P., 2010. Effect of blockage on heat transfer from a sphere in power-law fluids. *Ind. Eng. Chem. Res.*, 49 (8), pp. 3849-3861. (IF)
15. 9. Kishan, N., S. Maripala. 2012. Thermophoresis and viscous dissipation effects on Darcy–Forchheimer MHD mixed convection in a fluid saturated porous media. *Advances in Applied Science Research*, 3 (1), pp.60-74.
16. 10. Salem, A.A. 2012. On the effectiveness of variable properties and thermophoresis on steady MHD heat and mass transfer over a porous flat surface. *Engineering Computations*, 29 (4), pp. 419 – 440. (IF)

[Todorova, D., V. Alexieva, E. Каранов, \(2002\). Effect of some cytokinins and their combination with Ethrel on the endogenous polyamine content in ethylene insensitive mutant *eti5* type of *Arabidopsis thaliana* \(L.\) Heynh plants. *Compt. rend. Acad. Bulg. Sci.* 55 \(10\), 89-94.](#)

17. 1. [Стойнова, Е. 2008, Структурна организация на растежа и морфогенеза по влияние на ефектори на растежа на растенията. Дисертация, С.](#)

[Тодорова Д. \(2003\). Етиленови мутанти на *Arabidopsis thaliana* L. Heynh. *Растениевъдни науки*, 40 \(6\), 483-490](#)

18. 1. [Митева, Л., 2005. Глутатион и глутатион-S-трансфераза – физиологична функция при растения, отгледани при нормални и стресови условия. *Растениевъдни науки*, 42 \(6\), pp. 487-497.](#)
19. 2. [Митева, Л., 2008. Физиологична роля на аскорбиновата киселина \(витамин С\) в растенията. *Растениевъдни науки*, 45, pp. 195-200.](#)
20. 3. [Стойнова, Е. 2008, Структурна организация на растежа и морфогенеза по влияние на ефектори на растежа на растенията. Дисертация, С.](#)
21. 4. **Katerova, Z., L. Miteva, 2010. In: *Ascorbate-glutathione pathway and stress tolerance in plants*. Eds.: N. A. Anjum et al. Chapter 6: Glutathione and herbicide resistance in plants. Springer Science+Business Media, DOI 10.1007/978-90-481-9404-9 6 (Book).**

[Todorova, D., D. Parvanova, T. Konstantinova, S. Ivanov, D. Djilianov, V. Alexieva \(2003\). Endogenous free and bound polyamine content in tobacco plants subjected to high temperature stress. *Compt. rend. Acad. Bulg. Sci.* 56 \(6\), 79-84.](#)

22. 1. [Кочева, К. 2006. Физиологични изменения в млади ечемични растения при полиетиленгликол-индуциран умерен воден стрес. Дисертация, С.](#)

[Тодорова Д. \(2003\). Естествено и индуцирано стареене при *Arabidopsis thaliana* \(L.\) Heynh. Дисертация. София.](#)

23. 1. [Васева-Гемишева, И., 2006. Цитокинин оксидаза/дехидрогеназа в млади грахови растения. Влияние на някои растежни регулатори и абиотични стресови фактори върху ензимната активност. Дисертация, С.](#)

- Alexieva, V., I. Sergiev, D. Todorova, E. Karanov, A. Smith, M. Hall, (2004). Effect of ethylene and its antagonists 1-MCP on the senescence of detached leaves of *Arabidopsis thaliana* (L.) Heynh. *Biol. Plant.* 48 (4), 593-595.
24. 1. Васева-Гемешева, И., 2006. Цитокинин оксидаза/дехидрогеназа в млади грахови растения. Влияние на някои растежни регулатори и абиотични стресови фактори върху ензимната активност. Дисертация, С.
25. 2. Yuan, H.-L., Jin, L.-P., Huang, S.-W., Xie, K.-Y., Li, Y., Qu, D.-Y. 2007. Effects of silver thiosulfate on the growth and antioxidative enzymes activities in tube seedling of potato under aeration and airtight conditions. *Plant Physiology Communications* 43 (6), pp. 1082-1084.
26. 3. Huang Shou-Cheng, Ai-Rong Hehua, Qi Zhang Pengcheng. 2010. Effects of 1-MCP Treatments on Physiological and Chemical Characteristics of Post-harvest *Agaricus bisporus*. *Hubei Agricultural Sciences.* 8, pp. 1959-1961.
27. 4. Nadeem, S. M., Z. A. Zahir, M. Navved, M. Ashraf. 2010. Microbial ACC -deaminase: Prospects and applications for inducing salt tolerance in plants. *Critical reviews in Plant Sciences.* 29 (6), pp. 360-393. (IF)
28. 5. **Nadeem, S. M., M. Ahmad, Z. A. Zahir, M. Ashraf. 2012. In: Maheshwari D. K. (Ed.) Bacteria in Agrobiolgy: Stress Management. Chapter 8 Microbial ACC-Deaminase Biotechnology: Perspectives and Applications in Stress Agriculture., Springer. pp. 141-185. (Book)**
29. 6. Zhao C., F.F Ma, K. Feng, L. Yang, 2012. Effects of Different Concentrations of 1-MCP Treatments on Post-harvest Storage of *Pleurotus eryngii*. *Food and Fermentation Industries.* 38 (8), article 61.
30. 7. Mansouri, H., F. Salari, Z. Asrar, 2013. Ethephon application stimulates cannabinoids and plastidic terpenoids production in *Cannabis sativa* at flowering stage. *Industrial Crops and Products*, 46 , pp. 269–273. (IF).
- Todorova, D., T. Genkov, I. Vaseva-Gemisheva, V. Alexieva, E. Karanov, A. Smith, M. Hall, (2005). Effect of temperature stress on the endogenous cytokinin content in *Arabidopsis thaliana* (L.) Heynh plants. *Acta Physiol. Plant.*, 27 (1), 13-18
31. 1. Стойнова, Е. 2008, Структурна организация на растежа и морфогенеза по влияние на ефектори на растежа на растенията. Дисертация, С.
- Vaseva-Gemisheva, I., I. Sergiev, D. Todorova, V. Alexieva, E. Stanoeva, V. Lachkova, E. Karanov, (2005). Antagonistic effects of triazolo[4, 5-d]pyrimidine and pyridylurea derivatives on cytokinin-induced cytokinin oxidase/dehydrogenase activity in young pea plants. *Plant Growth Regul.*, 46 (3), 193-197
32. 1. Held, M., A. N. Pepper, J. Bozdarov, M. D. Smith, R. J. N. Emery, F. C. Guinel, 2008. The pea nodulation mutant R50 (sym16) displays altered activity and expression profiles for cytokinin dehydrogenase. *Journal of Plant Growth Regulation* 27 (2), pp. 170-180. (IF)
33. 2. Jaleel, C. A., Gopi, R., Gomathinayagam, M., Panneerselvam, R., 2009, Traditional and non -traditional plant growth regulators alters phytochemical constituents in *Catharanthus roseus*. *Process Biochemistry*, 44 (2), pp. 205-209. (IF)
34. 3. LIU Q., GONG D., PENG X., YAN X. 2010. Determination of Forchlorfenuron Dissipation and Residue in Cucumbers and Red Soil. *JOURNAL OF NORTHEAST AGRICULTURAL, UNIVERSITY (ENGLISH EDITION)* 17 (1), pp. 27-31.

- [Todorova, D., I. Vaseva-Gemisheva, P. Petrov, E. Stoyanova-Bakalova, V. Alexieva, E. Karanov, A. Smith, M. Hall, \(2006\). Cytokinin oxidase/dehydrogenase in wild and ethylene-insensitive mutant *eti5* type of *Arabidopsis thaliana* \(L.\) Heynh plants and the effect of cytokinin N1-\(2-chloro-4-pyridyl\)-N2-phenylurea on enzymatic activity and leaf morphology. *Acta Physiol. Plant.*, 28 \(6\), 613-618.](#)
35. 1. Held, M., A. N. Pepper, J. Bozdarov, M. D. Smith, R. J. N. Emery, F. C. Guinel, 2008. The pea nodulation mutant R50 (*sym16*) displays altered activity and expression profiles for cytokinin dehydrogenase. *Journal of Plant Growth Regulation* 27 (2), pp. 170-180. (IF)
36. 2. Babosha, A.V. 2009. Regulation of resistance and susceptibility in wheat-powdery mildew pathosystem with exogenous cytokinins. *Journal of Plant Physiology* 166 (17), pp. 1892-1903. (IF)
- [Moskova, I., D. Todorova, V. Alexieva, I. Sergiev \(2007\). Hydrogen peroxide treatment alleviates paraquat injuries in pea \(*Pisum sativum* L.\). *Compt. Rend. Acad. Bulg. Sci.*, 60 \(10\), 1101-1106.](#)
37. 1. Шопова Е., 2011. Анализ на оксидативните процеси в грах (*Pisum sativum* L.), индуцирани от фотоактивно генериран синглетен кислород. *Дисертация, С.*
38. 2. Goldani, M., Y. Selahvarzi, J. Nabati, M. Alirezai, 2012. Effect of Exogenous Application of Hydrogen Peroxide on some Salt Tolerance Indices in Oregano (*Origanum majorana* L.). *Journal of Horticultural Science*, 26 (2), pp. 153-161. ISSN: 2008 - 4730
39. 3. Kamali, M., M. Goldani, A. Farzane. 2012. The Effect of Different Irrigation Regimes and Hydrogen Peroxide on Growth and Photosynthetic Parameters on Ornamental Amaranth (*Amaranthus tricolor* L.). *Journal of Water and Soil*, 26 (2), pp. 309-318. ISSN: 2008-4757.
- [Sergiev, I., D. Todorova, M. Somleva, V. Alexieva, E. Karanov, E. Stanoeva, V. Lachkova, A. Smith, M. Hall, \(2007\). Influence of cytokinins and novel cytokinin antagonists on the senescence of detached leaves of *Arabidopsis thaliana* \(L.\) Heynh. *Biol. Plant.* 51\(2\), 377-380.](#)
40. 1. Blanchard, M.G., E.S. Runkle, 2008. Benzyladenine promotes flowering in *Doritaenopsis* and *Phalaenopsis* orchids. *Journal of Plant Growth Regulation* 27 (2), pp. 141-150. (IF)
41. 2. Piotrowska, A., Czerpak, R., 2009. Cellular response of light/dark-grown green alga *Chlorella vulgaris* Bei-gerinck (Chlorophyceae) to exogenous adenine- and phenylurea -type cytokinins. *Acta Physiologiae Plantarum*, 31 (3), pp. 573-585. (IF)
42. 3. Mayzlish-Gati E, LekKala SP, Resnick N., Wininger S., Bhattacharya C., Lemcoff J., Kapulnik Y., Koltai, H., 2010. Strigolactones are positive regulators of light - harvesting genes in tomato. *J. Exp. Bot.*, 61 (11), pp. 3129-3136. (IF)
43. 4. **Irving, L.J., Suzuki, Y., Ishida, H., Makino, A., 2010. Protein turnover in grass leaves. *Advances in Botanical Research*, 54 (C) pp. 139-182. (Book).**
- [Todorova, D., Sergiev, I., Alexieva, V., Karanov, E., Smith, A., Hall, M., \(2007\). Polyamine content in *Arabidopsis thaliana* \(L.\) Heynh during recovery after low and high temperature treatments. *Plant Growth Regulation*, 51 \(3\), 185-191](#)
44. 1. Duan, J.J., Li, J., Guo, S., Kang, Y., 2008. Exogenous spermidine affects polyamine metabolism in salinity-stressed *Cucumis sativus* roots and enhances short-term salinity tolerance. *Journal of Plant Physiology*, 165 (15), pp.1620-1635. (IF)

45. 2. Yiu, J.-C., Juang, L.-D., Fang, D.Y.-T., Liu, C.-W., Wu, S.-J., 2009. Exogenous putrescine reduces flooding-induced oxidative damage by increasing the antioxidant properties of Welsh onion. *Scientia Horticulturae*, 120 (3) pp. 306-314. (IF)
46. 3. Катерова, З., 2008. Физиолого-биохимични изменения при грахови растения, облъчени с UV-B и UV-C. Дисертация, С.
47. 4. Bibi A., 2008. Polyamines in cotton during reproductive development. PhD Thesis, University of Arkansas, Ann Arbor, MI 48106-1346.
48. 5. Yiu, J.C., Liu, C.W., Fang, D Y.-T., Lai, Y.S., 2009. Waterlogging tolerance of Welsh onion (*Allium fistulosum* L.) enhanced by exogenous spermidine and spermine *Plant Physiology and Biochemistry* 47 (8) pp. 710-716. (IF)
49. 6. Goyal, M., Ashtir, B., 2010. Polyamine catabolism influences antioxidative defense mechanism in shoots and roots of five wheat genotypes under high temperature stress. *Plant Growth Regulation*, 60 (1), pp. 13-25. (IF)
50. 7. Ding, C., Shi, G., Xu, X., Yang, H., Xu, Y., 2010. Effect of exogenous spermidine on polyamine metabolism in water hyacinth leaves under mercury stress. *Plant Growth Regulation*, 60 (1), pp. 61-67. (IF)
51. 8. Bibi, A. C., Oosterhuis, D. M., Gonias, E. D., 2010. Exogenous Application of Putrescine Ameliorates the Effect of High Temperature in *Gossypium hirsutum* L. Flowers and Fruit Development. *Journal of Agronomy and Crop Science*, 196 (3), pp. 205-211. (IF)
52. 9. Gao, H., Jia, Y., Guo, S., Li, G., Wang, T., Juan, L., 2011. Exogenous calcium affects nitrogen metabolism in root-zone hypoxia-stressed muskmelon roots and enhances short-term hypoxia tolerance. *Journal of Plant Physiology*, 168 (11), pp. 1217-1225. (IF)
53. 10. Asthir, B., A. Koundal, N. S. Bains. 2012. Putrescine modulates antioxidant defense response in wheat under high temperature stress. *Biologia plantarum* 56 (4), pp. 757-761. (IF)
54. 11. Niemenak, N., T. M. Awah, R. Lieberei. 2012. Establishment of suspension culture in *Theobroma cacao* and polyamines associated with cacao embryogenesis. *Plant Growth Regulation* 67 (1), pp. 1-8. (IF)
55. 12. CHENG, L., SUN, R., WANG, F., PENG, Z., KONG, F., WU, J., CAO, J., LU, G. 2012. Spermidine affects the transcriptome responses to high temperature stress in ripening tomato fruit. *Journal of Zhejiang University SCIENCE B (Biomedicine & Biotechnology)*, 13 (4), pp. 283-297. (IF)
56. 13. BIBI, A. C., D. M. OOSTERHUIS, E. D. GONIAS, J. D. MATTICE, 2012. Nodal distribution of free polyamines in cotton ovaries. *The Journal of Agricultural Science*, 150 (3), pp. 365-372. (IF)
57. 14. Cvikrová, M., L Gemperlová, J Dobra, O Martincová, Prasil, I., J. Gubis, R. Vankova, 2012. Effect of heat stress on polyamine metabolism in proline -over -producing tobacco plants. *Plant Science* 182 (1), pp. 49-58. (IF)
58. 15. **Oosterhuis D.M. and D.A. Loka, 2012 In: DERRICK M. OOSTERHUIS AND J. TOM. COTHREN (Eds.) FLOWERING AND FRUITING IN COTTON. THE COTTON FOUNDATION REFERENCE BOOK SERIES, Number Eight. Chapter 8 Polyamines and Cotton Flowering, The Cotton Foundation, Cordova, Tennessee, U.S.A. pp. 109-132. ISBN 978-0-939809-08-0 (digital) (Book).**

Vaseva, I., [D. Todorova](#), J. Malbeck, A. Travnichkova, I. Machackova, (2008). Response of cytokinin pool and cytokinin oxidase/dehydrogenase activity to abscisic acid exhibits organ specificity in pea. *Acta Physiol. Plant.* 30 (2), 151-155.

59. 1. Vysotskaya, L.B., Korobova, A.V., Veselov, S.Y., Dodd, I.C., Kudoyarova, G.R., 2009. ABA mediation of shoot cytokinin oxidase activity: Assessing its impacts on cytokinin status and biomass allocation of nutrient-deprived durum wheat. *Functional Plant Biology* 36 (1), pp. 66-72. (IF)
60. 2. Nishiyama, P., Y. Watanabe, Y. Fujita, D. T. Le, M. Kojima, T. Werner, R. Vankova, K. Yamaguchi-Shinozaki, K. Shinozaki, T. Kakimoto, H. Sakakibara, T. Schmölling, L.-S. P. Tran. 2011. Analysis of cytokinin mutants and regulation of cytokinin metabolic genes reveals important regulatory roles of cytokinins in drought, salt and abscisic acid responses, and abscisic acid biosynthesis. *Plant Cell* 23 (6), pp. 2169–2183. (IF)
61. 3. **Ha, S., Vankova, R., Yamaguchi-Shinozaki, K., Shinozaki, K., Tran, L.-S.P. 2012. Cytokinins: Metabolism and function in plant adaptation to environmental stresses. *Trends in Plant Science*, 17 (3) pp. 172-179. (IF)**
- Москова I., D. Todorova, V. Alexieva, S. Ivanov, I. Sergiev, (2009). Effect of exogenous hydrogen peroxide on enzymatic and nonenzymatic antioxidants in leaves of young pea plants treated with paraquat. *Plant Growth Regul.* 57 (2), 193-202.
62. 1. Benabdellah, K., Ruiz-Lozano, J.M., Aroca, R. 2009. Hydrogen peroxide effects on root hydraulic properties and plasma membrane aquaporin regulation in *Phaseolus vulgaris*. *Plant Molecular Biology* 70 (6), pp. 647-661. (IF)
63. 2. Michalowicz, J., Duda, W. 2009. The effects of 2,4,5-trichlorophenol on some antioxidative parameters and the activity of glutathione S-transferase in reed canary grass leaves (*Phalaris arudinacea*). *Polish Journal of Environmental Studies* 18 (5), pp. 845-852.
64. 3. Krezhova, D., Iliev, I., Yanev, T., Kirova, E. 2009. Assessment of the effect of salinity on the early growth stage of soybean plants (*Glycine max* L.). *RAST 2009 Proceedings of 4th International Conference on Recent Advances Space Technologies*, art. no. 5158233, pp. 397-402.
65. 4. Krezhova, D.D., Kirova, E.B., Yanev, T.K., Iliev, I.T. 2010. Effects of salinity on leaf spectral reflectance and biochemical parameters of nitrogen fixing soybean plants (*Glycine max* L.). *AIP Conference Proceedings*, 1203, pp. 694-699.
66. 5. Kumar, M., Sirhindi, G., Bhardwaj, R., Kumar, S., Jain, G. 2010. Effect of exogenous H₂O₂ on antioxidant enzymes of *Brassica juncea* L. seedlings in relation to 24-epibrassinolide under chilling stress. *Indian Journal of Biochemistry and Biophysics*, 47 (6), pp. 378-382. (IF)
67. 6. **Katerova, Z., L. Miteva, 2010. In: *Ascorbate-glutathione pathway and stress tolerance in plants*. Eds.: N. A. Anjum et al. Chapter 6: Glutathione and herbicide resistance in plants. Springer Science+Business Media, DOI 10.1007/978-90-481-9404-9 6 pp. 191-207. (Book).**
68. 7. Бранкова, Л. 2010. Роля на антиоксидантната защита и микрозомалните ензими НАДФН:цитохром Р450 редуктаза и НАДН:цитохром b₅ редуктаза при някои двуседелни растения в условия на абиотичен стрес. *Дисертация*, София.
69. 8. Шопова Е., 2011. Анализ на оксидативните процеси в грах (*Pisum sativum* L.), индуцирани от фотоактивно генериран синглетен кислород. *Дисертация*, С.
70. 9. Aftab, T., MMA. Khan, M. Idrees, M. Naeem, N. Hashmi, Moinuddin, M. Ram, 2011. Growth, photosynthetic efficiency and metabolic alterations associated with exogenous hydrogen peroxide in *Artemisia annua*: Overproduction of artemisinin. *Russian Agricultural Sciences*, 37 (3), pp. 212-219.
71. 10. Qiu, C., Ji, W., Guo, Y. 2011. Effects of high temperature and strong light on chlorophyll fluorescence, the D1 protein, and Deg1 protease in Satsuma mandarin, and the protective role of salicylic acid. *Shengtai Xuebao/Acta Ecologica Sinica* 31 (13), pp. 3802-3810.

72. **11.** Rong, E., Z. Zhao, W. Zang, P. Guo, J. Zhang, W. Zhao, M. Feng, L. Wang, D. Xie. W. Yang. 2012. Significant pathway analysis of *Arabidopsis thaliana* following treatment with paraquat (PQ). *Journal of Medicinal Plants Research* 6(9), pp. 1697-1701.
73. **12.** Goldani, M., Y. Selahvarzi, J. Nabati, M. Alirezai, 2012. Effect of Exogenous Application of Hydrogen Peroxide on some Salt Tolerance Indices in Oregano (*Origanum majorana* L.). *Journal of Horticultural Science*, 26 (2), pp. 153-161. ISSN: 2008 - 4730
74. **13.** Jiang, J., M Su, Y Chen, N Gao, C Jiao, Z Sun, F Li, C. Wang, 2013. Correlation of drought resistance in grass pea (*Lathyrus sativus*) with reactive oxygen species scavenging and osmotic adjustment. *Biologia*. 68 (2), pp. 231-240. (IF)
- Katerova Z., D. Todorova, (2009). Endogenous polyamines lessen membrane damages in pea plants provoked by enhanced ultraviolet-C radiation. *Plant Growth Regul.* 57 (2), 145-152.
75. **1.** Pieruzzi, F. P., 2009. Quantificação de aminoácidos, poliaminas, AIA e ABA e marcadores protéicos na germinação de sementes de *Ocotea odorifera* Vell. (Lauraceae) – *Дисертация, Сао Паоло, Бразилия*.
76. **2.** Pieruzzi F. P., L. L. C. Dias, T. S. Balbuena, C. Santa-Catarina, A. L. W. dos Santos, E. I. S. Floh. 2011. Polyamines, IAA and ABA during germination in two recalcitrant seeds: *Araucaria angustifolia* (Gymnosperm) and *Ocotea odorifera* (Angiosperm). *Annals of Botany*, 108 (2), pp. 337-345. (IF)
77. **3.** Coyne, C. J., R. J. McGee, R. J. Redden, M. J. Ambrose, B. J. Furman, C. A. Miles. 2011. In: Shyam Singh Yadav (Ed.) Crop Adaptation to Climate Change. Chapter 8 Genetic adjustment to changing climates: pea. Wiley, John & Sons, Incorporated. pp. 238-250 (Book).
78. **4.** Fariduddin, Q., P Varshney, M. Yusuf, A. Ahmad. 2013. Polyamines: potent modulators of plant responses to stress. *Journal of plant interaction*, 8 (1), pp. 1-16. (IF)
- Vaseva I., D. Todorova, J. Malbeck, A. Travnickova, I. Machackova, (2009). Mild temperature stress modulates cytokinin content and cytokinin oxidase/dehydrogenase activity in young pea plants. *Acta Agronomica Hungarica*. 57 (1), 33-40.
79. **1.** Majláth, I., G Szalai, V Soós., E. Sebestyén, E. Balázs, R. Vanková, P. Dobrev, I. Tari, J. Tandori, T. Janda. 2012. Effect of light on the gene expression and hormonal status of winter and spring wheat plants during cold hardening. *Physiologia Plantarum*, 145 (2), pp. 296–314. (IF)

Цитирания в Български издания: 13

- от тях: цитирания в дисертации: 11

Цитирания в чуждестранни издания: 66

- от тях: цитирания в дисертации: 2


Общо: 79

h-индекс: 5

Март 2013 год.

София

Изготвил:


/гл. асистент д-р Д. Тодорова/