

## СПИСЪК НА ПУБЛИКАЦИИТЕ

на доц. д-р Цонко Деков Цонев

### Преди ст.н.с. II ст.

1. Станев В., **Ц. Цонев** - Влияние на азотния и фосфорния недостиг върху дифузионните съпротивления за CO<sub>2</sub>, компенсационния пункт и температурната зависимост на фотосинтезата при слънчогледа, *Физиология на растенията*, V, 3, 1979, 12-18.
2. Tyankova, **Ts. Tsonev**, A. Dimitrova, T. Kudrev - Nutrient deficiency-induced changes in photosynthetic activities and growth of maize plants, *Proc. of the I Int. Symp. on Plant Nutrition*, Varna, Bulgaria, September 24-29, 1979, 148-153.
3. Станев В., **Ц. Цонев** - Влияние на температурата в зоната на кореновата система върху фотосинтетичната дейност на слънчогледа и царевичката, *Физиология на растенията*, VI, 2, 1980, 43-50.
4. **Цонев Ц.**, В. Станев - Интензивност на фотосинтезата на сортове фасул с различна продуктивност в зависимост от температурата, интензивността на светлината и концентрацията на CO<sub>2</sub>, Сб. Физиология на растенията т.5 - VII Нац. конференция по физиология на растенията, София 7-9 октомври 1980 г., 563-567. V.,
5. Stanev V., **Ts. Tsonev**, M. Angelov, Zh. Danailov - Investigations on the photosynthetic activity of heterotic tomato hybrids and their parent forms, *Compt. rend. Acad. Bulg. Sci.*, 34, 1981, 1293-1296. ISSN: 0861-1459. **ИФ=0.219**
6. **Цонев Ц.**, Ю. Зейналов, М. Михайлов - Апаратура за изследване кинетиката на реакциите, свързани с функционирането на кислородотделящите центрове при фотосинтетичния апарат, *Физиология на растенията*, VII, 4, 1981, 12-18.
7. **Tsonev Ts.** - An apparatus for obtaining responses of photosynthesis, transpiration, CO<sub>2</sub> compensation point and diffusion resistances of intact leaves to environmental conditions, In: *Plant metabolism regulation, Proc. of the II Int. Youth Symposium* - Varna, Bulgaria, Sept.1981, Sofia, 1982, 279-282.
8. **Цонев Ц.**, В. Станев, Г. Попов - Влияние на калиевия недостиг върху някои фотосинтетични показатели на слънчогледа, Сб. III Национална конференция по ботаника, С., БАН, 1983, 772-777.
9. Станев В., В.Георгиева, **Ц.Цонев** - Влияние на азотната обезпеченост върху интензивността на фотосинтезата, листната площ и общото сухо вещество на доматиите, *Физиология на растенията*, IX, 1, 1983, 9-15.
10. Станев В., **Ц. Цонев**, М. Ангелов, Ж. Данаилов - За връзката на комбинативната способност с фотосинтетичната дейност при линии домати, *Генетика и селекция*, 16, 2, 1983, 170-175.
11. **Tsonev Ts.**, V. Stanev - Stomatal resistance of bean varieties with different productivity in dependence on temperature, light intensity and CO<sub>2</sub>, In: *Plant metabolism regulation, Proc. of the III Int. Youth Symposium* - Varna - Bulgaria - Sept.1983, Sofia, 1984, 119-122.
12. Станев В., М. Ангелов, **Ц. Цонев**, Ж. Данаилов - Интензивност на фотосинтезата и съдържание на хлорофил в листата на доматиени хибриди с хетерозисен ефект по продуктивност, *Физиология на растенията*, X, 2, 1984, 12-18.
13. Mollov M., D. Velichkov, **Ts. Tsonev**, Z. Stoyanova, I. Dekov - Aminoacid composition of transpired water from maize, bean and sunflower plants, *Compt. rend. Acad. Bulg. Sci.*, 37, 1984, 5, 649-651. ISSN: 0861-1459. **ИФ=0.219**
14. **Tsonev Ts.** - A model for simulating the response of bean leaf stomata to environmental factors, In: *Plant Metabolism Regulation, Proc. of the IV Int. Youth Symposium* - Varna - Bulgaria - Oct. 1986, Sofia, 161-164.
15. Антонов М., В. Станев, Д. Величков, **Ц. Цонев** - Влияние на лазерното облъчване на царевични семена върху фотосинтетичната дейност на растенията, *Физиология на растенията*, XII, 1, 1986, 28-34.
16. Stanev V., **Ts. Tsonev** - CO<sub>2</sub> Enrichment in some countries of Eastern Europe: Research and practical application, In: *Carbon Dioxide Enrichment of Greenhouse Crops*, vol. I (Enoch H.Z. and B.A.Kimball, eds.) CRC Press, Boca Raton, Florida, 1986, 35-48.
17. **Цонев Ц.**, В. Станев, К. Добринова, И. Джелепова - Изменения във фотосинтетичните характеристики на различни сортове фасул, подложени на воден стрес, *Физиология на растенията*, XII, 2, 1986, 3-8.

18. Станев В., **Ц. Цонев**, М. Ангелов, Д. Величков, К. Добринова - Влияние на азотното торене и засушаването върху фотосинтетичната продуктивност на фасула, *Физиология на растенията*, XII, 2, 1986, 9-18.
19. Popova L., **Ts. Tsonev**, S. Vaklinova - Regulating role of GA<sub>3</sub> on photosynthetic and photorespiratory carbon metabolism in barley leaves, In: *Progress in Photosynthesis Research* (Biggins J., ed.), Proc. of the VII Int. Congress on Photosynthesis, Providense, Rhode Island, USA, August 10-15, 1986, Martinus Nijhoff Publ., 1987, III.9.669-674.
20. Popova L., **Ts. Tsonev**, S. Vaklinova - A possible role for abscisic acid in regulation of photosynthetic and photorespiratory carbon metabolism in barley leaves, *Plant Physiol.*, 83, 1987, 820-824. ISSN: 0032-0889. **ИФ=6.451**
21. Величков Д., **Ц. Цонев** - Климатична камера за изследване газообмена на цели растения при регулируеми условия. I. Описание и принцип на действие, *Физиология на растенията*, XII, 3, 1987, 59-66.
22. **Цонев Ц.**, В. Станев, М. Ангелов, Ц. Стоянова, К. Добринова, Ж. Данаилов - Сравнителни изследвания върху фотосинтезата на културни и диви генотипове домати, *Физиология на растенията*, XIII, 3, 1987, 3-9.
23. Angelov M., **Ts. Tsonev**, D. Velichkov, E. Musafarov, A. Kosobryuchov - Effect of triaccontanol on the photosynthetic activity of pea plants, *Proc. of the Int. Symposium on Mineral Nutrition and Photosynthesis*, 4-9 Oct. 1987, Varna (eds. S. Vaklinova, V. Stanev, M. Dilova), 336-339.
24. Станев В., Д. Величков, **Ц. Цонев** - Влияние на азотното торене и засушаването върху температурната и светлинна зависимост на фотосинтезата на цели царевични растения, *Физиол. на раст.*, XIII, 4, 1987, 18-22.
25. Popova L., **Ts. Tsonev**, S. Vaklinova - Changes in some photosynthetic and photorespiratory properties in barley leaves after treatment with jasmonic acid, *Journal of Plant Physiol.*, 132, 1988, 257-261. ISSN: 0176-1617. **ИФ=2.677**
26. Станев В., **Ц. Цонев**, М. Ангелов, Д. Величков, К. Добринова - Влияние на засушаването и азотното торене върху фотосинтезата, транспирацията и биологичната продуктивност на царевичката, *Физиология на растенията*, XIV, 1, 1988, 3-10.
27. Popova L., **Ts. Tsonev**, S. Vaklinova - Antitranspiration property of jasmonic acid, *Compt. Rend. Acad. Bulg. Sci.*, 41, 7, 1988, 103-106. **ИФ=0.219**
28. Соколов В., В. Шумный, **Ц. Цонев**, В. Станев, Ж. Данаилов, К. Добринова - Частота, размер и функциональные характеристики устьиц в связи с гетерозисом у гороха, *Изв. СО АН СССР, сер.биол.*, в.2, 1988, 89-94.
29. Данаилов Ж., Д. Баралиева, **Ц. Цонев**, Д. Величков, В. Станев, А.Г. Жакотэ - Изследване на някои фотосинтетични показатели в онтогенезиса на F<sub>1</sub> хибриди домати и родителските им линии, *II Нац. конф. по хетерозис при култ. растения*, 22-23.XI.1988 г., София, 1989, 179-185.
30. Колев В.М., **Ц.Д. Цонев**, В.П. Станев - Влияние на някои повишаващи сухоустойчивостта агенти върху водния дефицит на листата, транспирацията и фотосинтезата на градински фасул при осмотичен шок, *Физиология на растенията*, XIV, 4, 1988, 44-53.
31. Кименов Г., **Ц. Цонев**, М. Ангелов, Ю. Марковска, Е. Камбурова - Влияние на фундазола и лавендотрицина върху фотосинтезата и транспирацията на листа от ябълка, Сб.: *Първа научна конференция "Актуални проблеми по опазване на природната среда в Разградска област"* Русе, 28.10.1988 г., 100-105.
32. Величков Д., Георгиев Г., **Цонев Ц.**, Каранов Е. - Влияние на естерите на някои алифатни дикарбоксилни киселини върху фотосинтезата и транспирацията на соя (*Glycine max* М.), *Физиология на растенията*, XV, 4, 1989, 21-26.
33. Markovska Yu., Kimenov G., **Tsonev Ts.** - Presence of Crassulacean acid metabolism in higher plants *Haberlea rhodopensis* FRIV. and *Ramonda serbica* PANC. - *Photosynthetica*, 23(3), 1989, 364-367. ISSN: 0300-3604. **ИФ=1.016**
34. Kimenov G., Markovska Yu., **Tsonev Ts.** - Photosynthesis and transpiration of *Haberlea rhodopensis* FRIV. in dependence on water deficit, *Photosynthetica*, 23(3), 1989, 368-371. ISSN: 0300-3604. **ИФ=1.016**
35. Danailov Zh., A. Zhakota, **Ts. Tsonev**, D. Velichkov, D. Baralievа, М.Мокану - Reaction to abiotic stress of F<sub>1</sub> tomato hybrids and their parental lines, In: *Eucarpia Tomato-90, Proc. of the XI Eucarpia Meeting on Tomato Genetics and Breeding*, Torremolinсs, Malaga (Spain), March 6-8 1990, 111-116.

36. Стойнова Е., **Цонев Ц.**, Лилов Д. - Влияние на фузикокина върху интензивността на фотосинтезата, транспирацията и състоянието на устицата в листата на соеви растения, *Физиол. на раст.*, XVI, 1, 1990, 3-8.
37. Ангелов Б., Н. Ковачева, **Ц. Цонев**, - Цитофизиологични особености на вирусноболни растения от *Fragaria sp.*, *Физиология на растенията*, XVI, 2, 1990, 50-55.
38. Попова Л., **Ц. Цонев**, Л. Масленкова, Ю. Занев, Ст. Ваклинова - Устичен и неустичен отговор на фотосинтезата към абсцисиева киселина, Сб. *Физиология на растенията т. 8 - X Национална конференция по физиология на растенията*, София 1989г., С., 1990, 206-216.
39. Ангелов М., **Ц. Цонев**, Д. Величков, В. Станев, Е. Музафаров, А. Кособрюхов - Фотосинтетична дейност на фасулеви растения, третирани с триаконтанол, Сб. *Физиология на растенията т. 8 - X Национална конференция по физиология на растенията*, София 1989 г., С., 1990, 302-305.
40. Шматько И., О. Шведова, Е. Ларченко, Хр. Пеев, В. Георгиева, М. Балабанова, **Ц. Цонев** - Реакция на два перспективни хибрида царевица в условия на засушаване, Сб. *Физиол. на раст. т. 8 - X Национална конференция по физиология на растенията*, София 1989 г., С., 1990, 166-169.
41. Деков И., Хр. Пеев, **Ц. Цонев**, М. Кушниренко, С. Печерская, С. Башовая - Приложение на  $Mg^{++}$  за повишаване сухоустойчивостта на фасулеви растения, Сб. *Физиология на растенията т. 8 - X Национална конференция по физиология на растенията*, София 1989г., С., 1990, 170-173.
42. Kosobrukhov A., **Ts. Tsonev**, D. Velichkov, V. Stanev - Effect of various temperatures in the root zone and light intensities on photosynthesis and transpiration of tomato plants, *Biotronics*, 19, 1990, 1-6.
43. Georgiev G., **Ts. Tsonev**, D. Velichkov, E. Karanov - Effects of N-phenyl-N-(2-chlor-4-pyridil) urea on photosynthetic activity of soybean (*Glycine Max. (M)*), In: *Plant metabolism regulation, Proc. of the V Int. Youth Symposium - Varna - Bulgaria - Oct. 1990*, Sofia, 1991, 243-247. ,
44. Stoyanov I. Yordanov, G. Stoilov, **Ts. Tsonev**, D. Velichkov, S. Doncheva - Biological investigations and development of the space greenhouse "Svet", In: *Proc. II micro-symp. "Svet '90" on biotechnology and life support systems of the space biology working group*, Oct. 5-11, 1990 Varna (T. Ivanova, ed.), SRI-BAS, 1991, 17-24.

#### След ст.н.с. II ст.

45. Angelov M., **T. Tsonev**, K Dobrinova, V. Velikova, T. Stoyanova - Changes in some photosynthetic parameters in pea plants after treatment with cobalt, *Photosynthetica*, 28 (2), 1993, 289-295. ISSN: 0300-3604. **ИФ=1.016**
46. Angelov M., **T. Tsonev**, A. Uzunova, K. Gaidardjieva -  $Cu^{2+}$  effect upon photosynthesis, chloroplast structure, RNA and protein synthesis of pea plants, *Photosynthetica*, 28 (3), 1993, 341-350. ISSN: 0300-3604. **ИФ=1.016**
47. Goltsev V., **Ts. Tsonev** - Mathematical model of luminescent reactions in Photosystem II. II. Dynamic model of spectral transient effects, In: *Mathematical Modelling: Methodology, Software Tools and Applications, Proc. of the Int. Conference on Mathematical Modelling and Scientific Computation*, Bulgaria, Sept. 14-18, 1993 (ed. E.D. Popova), DATECS Publ., Sofia, 1993, 104-108.
48. **Tsonev T.**, I. Sergiev - Leaf area measurement using hand scanner, *Photosynthetica*, 29 (3), 625-630, 1993. ISSN: 0300-3604. **ИФ=1.016**
49. Fedina I.S., **T. Tsonev**, E.I. Guleva - The effect of pre-treatment with proline on the responses of *Pisum sativum* to salt stress, *Photosynthetica*, 29 (4), 521-527, 1993. ISSN: 0300-3604. **ИФ=1.016**
50. Metodiev M., **T. Tsonev** - Variation of the the Rubisco properties and the intensity of the leaf gas exchange among the seedlings of different barley varieties, *Compt. Rend. Acad. Sci. Bulg.*, 46(8), 1993, 85-88. **ИФ=0.219**
51. Fedina I., **T. Tsonev**, E. Guleva - ABA as a modulator of the response of *Pisum sativum* to salt stress, *Journal of Plant Physiol.*, 143, 245-249, 1994. ISSN: 0176-1617. **ИФ=2.677**
52. Kicheva M., **T. Tsonev**, L. Popova - Stomatal and nonstomatal limitations to photosynthesis in two wheat cultivars subjected to water stress, *Photosynthetica*, 30 (1), 107-116, 1994. ISSN: 0300-3604. **ИФ=1.016**
53. Zheleva D., **T. Tsonev**, I. Sergiev, E. Karanov - Protective effect of exogenous polyamines against atrazine in pea plants, *J. of Plant Growth Regul.*, 13(4), 1994, 203-211. ISSN: 0721-7595. **ИФ=2.066**
54. Markovska Y.K., **T.D. Tsonev**, G.P. Kimenov, A.A. Tutekova - Physiological changes in higher poikilohydrides - *Haberlea rhodopensis* Friv. and *Ramonda serbica* Panc. during drought and

- rewatering at different light regimes, *Journal of Plant Physiol.*, 144, 1994, 100-108. ISSN: 0176-1617. **ИФ=2.677**
55. Goltsev V., I. Yordanov, **T. Tsonev** - Evaluation of a relative contribution of initial and variable chlorophyll fluorescence measured at different temperatures, *Photosynthetica*, 30(3), 1994, 629-643. ISSN: 0300-3604. **ИФ=1.016**
  56. Vassileva V., G. Ignatov, L. Gigova, **T. Tsonev** - Influence of soybean plants inoculated with fast-growing and slow-growing rhizobial strains on the photosynthetic intensity, transpiration and stomatal resistance - *Compt. Rend. Acad. Sci. Bulg.*, 47(6), 1994, 57-59. **ИФ=0.219**
  57. Gemishev T., K. Tsolova, **T. Tsonev** - Influence of 2,4-D on the respiration and activity of some dehydrogenases in leaves of wheat - *Annuaire de L'Universite de Sofia "St. Kl. Ohridski"*, livre 4, vol. 83-86, 1994, 57-62.
  58. Fedina I. S., **T. Tsonev** - The effect of sodium chloride on the glycolate oxidase and phosphoglycolate phosphatase of *Pisum sativum* *in vivo* and *in vitro* - *Compt. Rend. Acad. Sci. Bulg.*, 47(1), 1994, 89-92. **ИФ=0.219**
  59. Yordanov I., V. Goltsev, **T. Tsonev**, L. Kruleva - Thermal acclimation of the photosynthetic apparatus depending on temperature and duration of treatment - *Bulg. Journal of Plant Physiology*, 21(1), 1995, 12-28.
  60. Stefanov D., I. Yordanov, **T. Tsonev** - Effect of thermal stress combined with different light conditions on some photosynthetic characteristics of barley (*Hordeum vulgare* L.) plants, *Photosynthetica*, 32 (2), 1996, 171-180. ISSN: 0300-3604. **ИФ=1.016**
  61. Popova, L., **T. Tsonev**, G. Lazova, Zh. Stoinova - Drought- and ABA-induced changes in photosynthesis of barley plants, *Physiol. Plantarum*, 96, 1996, 623-629. ISSN: 0031-9317. **ИФ=3.067**
  62. Metodiev M., **T. Tsonev**, L. Popova - Effect of Jasmonic Acid on the stomatal and nonstomatal limitation of leaf photosynthesis in barley leaves, *J. of Plant Growth Regul.*, 15 (2), 75-80, 1996. ISSN: 0721-7595. **ИФ=2.066**
  63. 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.
  64. Markovska Y.K., **T.D. Tsonev**, G.P. Kimenov - Regulation of CAM and respiratory recycling by water supply and light regime in higher poikilohydride plants - *Haberlea rhodopensis* Friv. and *Ramonda serbica* Panc. at transition from biosis to anabiosis and vice versa, *Botanica Acta* 110 (now *Plant Biology*), 18-24, 1997. ISSN: 0932-8629. **ИФ=2.409**
  65. Yordanov I., **T. Tsonev**, V. Goltsev, L. Kruleva, V. Velikova - Interactive effect of water deficit and high temperature on photosynthesis in sunflower and maize plants. 1. Changes in parameters of chlorophyll fluorescence induction kinetics and fluorescence quenching, *Photosynthetica* 33 (3-4), 391-402, 1997. ISSN: 0300-3604. **ИФ=1.016**
  66. Yordanov I., **T. Tsonev**, V. Goltsev, M. Merakchiiska-Nikolova and 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. ISSN: 0300-3604. **ИФ=1.016**
  67. Vasilev A., I. Yordanov, **T. Tsonev** - Effects of Cd<sup>2+</sup> on the physiological state and photosynthetic activity of young barley plants, *Photosynthetica*, 34 (2), 293-302, 1997. ISSN: 0300-3604. **ИФ=1.016**
  68. Metwally A, **T. Tsonev**, Y. Zeinalov - Effect of cytokinins on the photosynthetic apparatus in water-stressed and rehydrated bean plants, *Photosynthetica* 34 (4), 563-567, 1997. ISSN: 0300-3604. **ИФ=1.016**
  69. Metwally A, **T. Tsonev**, Y. Zeinalov - Effect of some cytokinins on the photosynthetic apparatus of bean plants, *Compt. Rend. Acad. Sci. Bulg.*, 50 (4), 97-99, 1997. **ИФ=0.219**
  70. Velikova V., I. Yordanov, M. Kurteva, **T. Tsonev** - Effects of simulated acid rain on the photosynthetic characteristics of *Phaseolus vulgaris* L., *Photosynthetica* 34 (4), 523-535, 1997. ISSN: 0300-3604. **ИФ=1.016**
  71. Fedina I.S., **T. Tsonev**, Effect of pretreatment with methyl jasmonate on the response of *Pisum sativum* to salt stress, *J. Plant Physiol.* 151, 735-740, 1997. ISSN: 0176-1617. **ИФ=2.677**
  72. 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. Acad. bulg. Sci.*, 50 (5), 99-102, 1997. **ИФ=0.219**

73. **Tsonev T.**, G. Lazova, Zh. Stoinova, L. Popova - A possible role for jasmonic acid in adaptation of barley seedlings to salinity stress, *J. of Plant Growth Regul.*, 17 (3), 153-159, 1998. ISSN: 0721-7595. **ИФ=2.066**
74. Vassilev A., **T. Tsonev**, I. Yordanov - Physiological response of barley plants (*Hordeum vulgare* L.) to cadmium contamination in soil during ontogenesis, *Environmental Pollution*, 103 (2-3), 287-293, 1998. ISSN: 0269-7491. **ИФ=3.395**
75. Velikova V. B., I. T. Yordanov, K. M. Georgieva, **T. D. 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 (3-4), 299-307, 1998. ISSN: 0176-1617. **ИФ=2.677**
76. Stefanov D., **T. Tsonev**, T. Velinov, I. Yordanov, K. Branzalov, M. Gateshki - High- and low-temperature induced photoinhibition in bean plants, *Annuaire de L'Universite de Sofia "St. Kl. Ohridski"*, 2002, 94(4), 38-43.
77. **Tsonev T.**, D. Stefanov, K. Georgieva, I. Yordanov - Photosynthetic activity of bean plants under conditions of high- and low-temperature induced photoinhibition, *Proc. of The Xith Int. Congress on Photosynthesis, Budapest, August 17-22, 1998*, 2497-2500. ISBN: 0-7923-5547-4
78. 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 (Proc. of XIth International Congress on Photosynthesis, Budapest, Hungary, August 17-22, 1998)*, Vol. IV, 2577-2580, 1998, Kluwer Academic Publishers, Dodrecht / Boston / London. ISBN: 0-7923-5547-4
79. Stefanov D., T. Velinov, M. Gateshki, **T. Tsonev**, K. Branzalov, I. Yordanov - High- and low-temperature induced photoinhibition in bean plants characterized by photoacoustic and fluorescence measurements, *In: Photoacoustic and Photothermal Phenomena: 10<sup>th</sup> International Conference (ed. F. Scudieri and M. Bertolotti)*, The American Institute of Physics, 643-645, 1998. ISSN: 0094-243X, ISBN: 1-56396-805-3
80. Yordanov I., Velikova V., **Tsonev T.** - Influence of drought, high temperature, and carbamide cytokinin 4-PU-30 on photosynthetic activity of bean plants. 1. Changes in chlorophyll fluorescence quenching *Photosynthetica*, 37 (3) 447-457, 1999. ISSN: 0300-3604. **ИФ=1.016**
81. Velikova V., **Tsonev T.**, Yordanov I. - Light- and CO<sub>2</sub>-responses of photosynthesis and chlorophyll fluorescence characteristics in bean plants after simulated acid rain, *Physiol. Plantarum*, 107, 77-83, 1999. ISSN: 0031-9317. **ИФ=3.067**
82. **Tsonev T.**, Velikova V, Lambreva M., Stefanov D. - Recovery of the photosynthetic apparatus in bean plants after high- and low-temperature induced photoinhibition, *Bulg. J. Pl. Physiol.* 25 (3-4), 45-53, 1999.
83. 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. Acad. bulg. Sci.* 52 (7-8), 71-74, 1999. **ИФ=0.219**
84. Georgieva K., **Tsonev T.**, Velikova V., Yordanov I. - Photosynthetic activity during high temperature treatment of pea plants, *J. Plant Physiol.*, 157 (2), 169-176, 2000. ISSN: 0176-1617. **ИФ=2.677**
85. Dekov I., **Tsonev T.**, Yordanov I. - Effects of water stress and high-temperature stress on the structure and activity of photosynthetic apparatus of *Zea mays* and *Helianthus annuus*, *Photosynthetica* 38 (3), 361-366, 2000. ISSN: 0300-3604. **ИФ=1.016**
86. Cseh Z., Rajagopal S., **Tsonev T.**, Busheva M., Papp E., and Garab G. - Thermo-optic effect in chloroplast thylakoid membranes. Thermal and light stability of pigment arrays with different levels of structural complexity, *Biochemistry* 39, 15250-15257, 2000. ISSN: 0006-2960. **ИФ=3.226**
87. **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. Acad. Sci. Bulg.*, 53 (6), 99-102, 2000. **ИФ=0.219**
88. Yordanov I., Velikova V., **Tsonev T.** - Plant responses to drought, acclimation, and stress tolerance. *Photosynthetica* 38 (1), 171-186, 2000. ISSN: 0300-3604. **ИФ=1.016**

89. Yordanov I., **Tsonev T.**, Velikova V., Georgieva K., Ivanov P., Tsenov N., Petrova T. - Changes in CO<sub>2</sub> assimilation, transpiration and stomatal resistance of different wheat cultivars experiencing drought under field conditions. *Bulg. J. Plant Physiol.* 27 (3-4), 20-33, 2001.
90. Yordanov I., Georgieva K., Velikova V., **Tsonev T.**, Merakchiiska-Nikolova M., Paunova S., Stefanov D. - Response of photosynthetic apparatus of different wheat genotypes to drought. I. Laboratory experiments under controlled light and temperature conditions. *Compt. rend. Acad. Sci. Bulg.* 54 (12), 79-84, 2001. **ИФ=0.219**
91. Yordanov I., Georgieva K., Velikova V., **Tsonev T.**, Ivanov P., Tsenov N., Petrova T. - Responses of photosynthetic apparatus of different wheat (*Triticum aestivum* L.) genotypes to drought under field conditions. II. Changes in O<sub>2</sub> evolution and chlorophyll fluorescence parameters – a possible basis for screening of drought tolerance. *Genetics and Breeding* 31 (3-4), 21-30, 2001/2002.
92. Mitsulov N., **Tsonev T.** - Multichannel measuring system for profile monitoring of CO<sub>2</sub> concentration in cultivation equipments, *International Agrophysics*, 16, 203-208, 2002. **ИФ=0.714**
93. Velikova V., **Tsonev T.**, Edreva A., Gürel A., Hakerlerler H. - Effects of reddening of cotton (*Gossypium hirsutum* L.) leaves on functional activity of photosynthetic apparatus, *Photosynthetica* 40 (3), 449-452, 2002. ISSN: 0300-3604. **ИФ=1.016**
94. **Tsonev T.**, Velikova V., Georgieva K., Hyde P.F., Jones H.G. – Low temperature enhances photosynthetic down-regulation in French bean (*Phaseolus vulgaris* L.) plants, *Annals of Botany* 91, 343-352, 2003. ISSN: 0305-7364. **ИФ=3.388**
95. Yordanov I., Velikova V., **Tsonev T.** - Plant responses to drought and stress tolerance, *Bulg. J. Plant Physiol., Special Issue* 187–206, 2003.
96. **Tsonev T.**, Hikosaka K. - Contribution of photosynthetic electron transport, heat dissipation, and recovery of photoinactivated Photosystem II to photoprotection at different temperatures in *Chenopodium album* leaves, *Plant Cell Physiol.* 44(8), 828–835, 2003. ISSN: 0032-0781. **ИФ=4.257**
97. Lambreva M., Stefanov D., **Tsonev T.** - Changes in Chl a fluorescence and absorbance at 820 nm in bean plants subjected to different regimes of temperature, light intensity and CO<sub>2</sub> concentration, *Biologia Vegetal e Agro-Industrial*, 1, 221-236, 2004.
98. Edreva A., Gürel A., Hakerlerler H., Yagmur B., Velikova V., **Tsonev T.**, Stoyanova - Koleva D., Gesheva E., Dagnon S., Akdemir H. – A complex study on the reddening of cotton leaves. *In: Proceedings of the Plenary Meeting of Inter-Regional Cooperative Research Network on Cotton.* 29 September - 2 October 2004. Thessaloniki, Greece 2004, 138-147.
99. Lambreva M., Stoyanova-Koleva D., Baldjiev G., **Tsonev T.** - Early acclimation changes in the photosynthetic apparatus of bean plants during short-term exposure to elevated CO<sub>2</sub> concentration under high temperature and light intensity, *Agriculture, Ecosystems and Environment* 106(2-3), 219-232, 2005. ISSN: 0167-8809. **ИФ=2.790**
100. Mitsulov N., Stanchev A., Yordanov I., **Tsonev T.** – Photosynthetic activity of tomato plants in cultivation equipment, *In: Proceedings of the National Conference with International Participation on Management, Use and Protection of Soil Resources*, 15-19 May 2005, Sofia, 476-479.
101. Velikova V., **Tsonev T.**, Pinelli P., Alessio G.A., Loreto F. - Localized ozone fumigation system for studying ozone effect on photosynthesis, respiration, electron transport rate and isoprene emission in field-grown Mediterranean oak species, *Tree Physiology*, 25, 1523-1532, 2005. ISSN: 0829-318X. **ИФ=2.403**
102. **Tsonev T.**, Lidon F.C. – Effect of Zn pollution on plant growth and photosynthesis, *Biologia Vegetal e Agro-Industrial*, 2, 223-234, 2005 (Review).
103. Lambreva M., Christov K., **Tsonev T.** - Short-term effect of elevated CO<sub>2</sub> concentration and high irradiance on the antioxidant enzymes in bean plants, *Biol.Plant.* 50 (4), 617-623, 2006. ISSN: 0006-3134. **ИФ=1.582**

104. Velikova V., Loreto F., **Tsonev T.**, Edreva A. - Isoprene prevents the negative consequences of high temperature stress in *Platanus orientalis* leaves, *Funct. Plant Biol.* 33, 931-940, 2006. ISSN: 1445-4408. **ИФ=2.156**
105. Mitsulov N., Petrova L., Penev K., **Tsonev T.**, Libik A., Siwek P. – Greenhouse climate and variations of CO<sub>2</sub> in dependence of incoming photosynthetic active radiation (PhAR), *Journal of Balkan Ecology* 9, 2, 197-208, 2006.
106. Edreva A. M., Velikova V. B., **Tsonev T. D.** - Phenylamides in Plants, *Russ.J.Plant Physiol.* 54, (3), 287–301, 2007. ISSN: 1021-4437. **ИФ=0.558**
107. Lambrev P.H., **Tsonev T.**, Velikova V., Georgieva K., Lambreva M.D., Yordanov I., Kovács L., Garab G. - Trapping of the quenched conformation associated with non-photochemical quenching of chlorophyll fluorescence at low temperature. *Photos.Res.* 94, 321–332, 2007. ISSN: 0166-8595. **ИФ=2.410**
108. Velikova V.B., Edreva A.M., **Tsonev T.D.**, Jones H.G. - Singlet Oxygen Quenching by Phenylamides and their Parent Compounds. *Z. Naturforsch. C.* 62c, 11/12, 833-838, 2007. ISSN: 0939-5075. **ИФ=0.718**
109. Мицулов Н., Петрова Л., Митова И., Пенев К., **Цонев Ц.** – Влияние на постъпващата ФАР в култивационните съоръжения върху фотосинтетичната продуктивност на домати. *Научни Доклади от Международна Конференция 60-год. Институт по Почвоведение “Н.Пушкаргов” 13-17 Май 2007*, София, т.ІІ, 364-367, 2007.
110. Fares S., Brillì F., Noguès I., Velikova V., **Tsonev T.**, Dagli S., Loreto F. - Isoprene emission and primary metabolism in *Phragmites australis* grown under different phosphorus levels. *Plant Biology* 10 (1), 38-43, 2008. ISSN: 1435-8603. **ИФ=2.409**
111. Edreva A., Velikova V., **Tsonev T.**, Dagnon S., Gürel A., Aktaş L., Gesheva E. – Stress-protective role of secondary metabolites: diversity of functions and mechanisms. *General and Applied Plant Physiology* v. XXXIV (1-2), 67-78, 2008. ISSN – 1312-8183.
112. Velikova V., **Tsonev T.**, Barta C., Centritto M., Koleva D., Stefanova M., Busheva M., Loreto F. - BVOC emissions, photosynthetic characteristics and changes in chloroplast ultrastructure of *Platanus orientalis* L. exposed to elevated CO<sub>2</sub> and high temperature. *Environmental Pollution* 157 (10), 2629-2637, 2009. ISSN: 0269-7491. **ИФ=3.395**
113. Loreto F., **Tsonev T.**, Centritto M. - The impact of blue light on leaf mesophyll conductance. *Journal of Experimental Botany* 60 (8), 2283-2290, 2009. ISSN: 0022-0957. **ИФ=4.818**
114. Koleva D., Stefanova M., Ganeva T.S., Velikova V., **Tsonev T.S.**, Loreto F.R. - Structural responses of *Platanus orientalis* L. leaves to elevated CO<sub>2</sub> concentration and high temperature. *Journal of Environmental Protection and Ecology* 11 (1), 122-129. 2010. ISSN: 1311-5065. **ИФ=0.178**
115. Velikova V., **Tsonev T.**, Loreto F., Centritto M. - Changes in photosynthesis, mesophyll conductance to CO<sub>2</sub>, and isoprenoid emissions in *Populus nigra* plants exposed to excess nickel. *Environmental Pollution*, 159 (5), 2011, 1058-1066. ISSN: 0269-7491. **ИФ=3.395**
116. **Tsonev T.**, Velikova V., Ildiz-Aktas L., Gürel A., Edreva A. - Effect of water deficit and potassium fertilization on photosynthetic activity in cotton plants, *Plant Biosystems*, 2011 (in press, available online:18 Jul 2011). ISSN: 1126-3504. **ИФ=0.829**.
117. Krumova S., Zhiponova M., Dankov K., Rashkov G., **Tsonev T.**, Russinova E., Velikova V., Busheva M. - Effects of enhanced brassinosteroid perception on photosynthesis in *Arabidopsis thaliana* line BRIOE, *Compt. rend. Acad. Sci. Bulg.*, 64 (7), 967-972, 2011. **ИФ=0.219**.

#### УЧЕБНИ ПОСОБИЯ

1. Керин В., **Ц. Цонев**, М. Моецка-Берова, А. Василев, З. Златев - Съвременни методи за анализ в растителната физиология, Акад. Издателство на ВСИ, Пловдив, 1997, 112 стр.

**Класификация на научните публикации на доц. Ц. Цонев по тип издания**

Списание	Брой	№ от списъка	Импакт фактор (JCR2010)	Общ IF
<b>Списания с IF и специализирани международни издания:</b>				
Plant Physiology	1	20	6.451	6.451
Journal of Experimental Botany	1	113	4.818	4.818
Plant Cell Physiology	1	96	4.257	4.257
Environmental Pollution	3	74,112,115	3.395	10.185
Annals of Botany	1	94	3.388	3.388
Biochemistry	1	86	3.226	3.226
Physiologia Plantarum	2	61,81	3.067	6.134
Agriculture, Ecosystems and Environment	1	99	2.790	2.790
Journal of Plant Physiology	6	25,51,54,71,75,84	2.677	16.062
Photosynthesis Research	1	107	2.410	2.410
Plant Biology (Bot. Acta)	2	64,110	2.409	4.818
Tree Physiology	1	101	2.403	2.403
Functional Plant Biology	1	104	2.156	2.156
Journal of Plant Growth Regulation	3	53,62,73	2.066	6.198
Biologia Plantarum	1	103	1.582	1.582
Photosynthetica	18	33,34,45,46,48,49,52,55,60,65,66,67,68,70,80,85,88,93	1.016	18.288
Plant Biosystems	1	116	0.829	0.829
Zeitschrift für Naturforschung C.	1	108	0.718	0.718
International Agrophysics	1	92	0.714	0.714
Russian Journal of Plant Physiology	1	106	0.558	0.558
J. of Environmental Protection and Ecology	1	114	0.178	0.178
<b>Чуждестранни списания без IF:</b>				
Biologia Vegetal e Agro-Industrial	2	97,102	-	-
Biotronics	1	42	-	-
Изв. СО АН СССР	1	28	-	-
<b>Статии в чуждестранни научни книги</b>	1	16	-	-
<b>Български научни списания:</b>				
CR acad. Bulg. Sci.	12	5,13,27,50,56,58,69,72,83,87,90,117	0.219	2.628
Bulg. J. Pl. Physiol. (GAPP, Физ. на раст.)	22	1,3,6,9,12,15,17,18,21,22,24,26,30,32,36,37,59,63,82,89,95,111	-	-
Genetics and Breeding	2	10,91	-	-
Journal of Balkan Ecology	1	105	-	-
Ann. de L'Univ. de Sofia "St. Kl. Ohridski"	2	57,76	-	-
<b>Сборници от конгреси, симпозиуми и конференции в чужбина</b>	6	19,35,77,78,79,98	-	-
<b>Сборници от конгреси, симпозиуми и конференции у нас</b>	18	2,4,7,8,11,14,23,29,31,38,39,40,41,43,44,47,100,109	-	-
<b>Общо</b>	<b>117</b>			<b>100.79</b>