

С П И С Ъ К
на научните публикации на доц. д-р Виолета Борисова Великова
за
участие в конкурса за професор

1. **Velikova V**, Ivanova A, Yordanov I – Changes in lipid composition of *Phaseolus vulgaris* leaves after simulated acid rain treatment. *Bulgarian Journal of Plant Physiology* 28 (1-2): 59-65, **2002**
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3. **Velikova V**, Barta C, Nogues I, Brilli F, Fares S, Loreto F - Isoprene in a changing environment – effect of high temperature and ozone on isoprene emission. Proc. First ACCENT Symposium, Urbino, September 12-16 **2005**, pp. 45-47
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7. Lambrev P, Tsonev T, **Velikova V**, Georgieva K, Lambreva M, Yordanov I, Kovács L, Gyözö G – Trapping of the quenched conformation associated with non-photochemical quenching of chlorophyll fluorescence at low temperature. *Photosynthesis Research* 94: 321-332, **2007** (ИФ=2.410)
8. **Velikova V**, Edreva A, Tsonev T, Jones HG – Singlet oxygen quenching by phenylamides and their parent compounds. *Zeitschrift fur Naturforschung* 62c: 833-838, **2007** (ИФ=0.718)
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10. Fares S, Brilli 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: 38-43, **2008** (ИФ=2.409)
11. **Velikova V** – Isoprene as a tool for plant protection against abiotic stresses – review. *Journal of Plant Interactions* 3: 1-15, **2008** (ИФ=0.889)

- 12.** Velikova V, Fares S, Loreto F – Isoprene and nitric oxide reduce damages in leaves exposed to oxidative stress. *Plant Cell and Environment* 31: 1882-1894, **2008 (ИФ=5.154)**
- 13.** Edreva A, Velikova V, Tsonev T, Dagnon S, Gürel A, Aktaş, 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**
- 14.** Vickers CE, Possell M, CI Cojocariu, **Velikova VB**, Laothawornkitkul J, Ryan A, Mullineaux PM, Hewitt CN – Isoprene synthesis protects transgenic plants from oxidative stress. *Plant Cell and Environment* 32: 520-531, **2009 (ИФ=5.154)**
- 15.** Velikova V, Tsonev T, Barta C, Centritto M, Koleva D, Stefanova M, Busheva M, Loreto F – BVOC emissions, photosynthetic characteristics and changes in chloroplast ultra-structure of *Platanus orientalis* L. exposed to elevated CO₂ and high temperature. *Environmental Pollution* 157: 2629-2637, **2009 (ИФ=3.395)**
- 16.** Velikova V, Salerno G, Frati F, Peri E, Conti E, Colazza S, Loreto F – Influence of feeding and oviposition by phytophagous pentatomids on photosynthesis of herbaceous plants. *Journal of Chemical Ecology* 36: 629-641, **2010 (ИФ=2.486)**
- 17.** Koleva D, Stefanova M, Ganeva TS, **Velikova V**, Tsonev T, Loreto F - Structural responses of *Platanus orientalis* L. leaves to elevated CO₂ concentration and high temperature. *Journal of Environmental Protection and Ecology* 11 (1), 122-129, **2010 (ИФ=0.178)**
- 18.** Tsonev T, **Velikova V**, Yildiz-Aktas L, Gürel A, Edreva A - Effect of water deficit and potassium fertilization on photosynthetic activity in cotton plants. *Plant Biosystems* 145 (4), 841-847, **2011 (ИФ=0.829)**
- 19.** **Velikova V**, Tsonev T, Loreto F, Centritto M - Changes in photosynthesis, mesophyll conductance to CO₂, and isoprenoid emissions in *Populus nigra* plants exposed to excess nickel. *Environmental Pollution* 159, 1058-1066, **2011 (ИФ=3.395)**
- 20.** **Velikova V**, Várkonyi Z, Szabó M, Maslenkova L, Nogues I, Kovács L, Peeva V, Busheva M, Garab G, Sharkey TD, Loreto F - Increased thermostability of thylakoid membranes in isoprene-emitting leaves probed with three biophysical techniques. *Plant Physiology* 157, 905-916, **2011 (ИФ=6.451)**
- 21.** Krumova S, Zhipanova M, Dankov K, Rashkov G, Tsonev T, Russinova E, **Velikova V**, Busheva M – Effects of enhanced brassionsteroid perception on photosynthesis in *Arabidopsis thaliana* line BRIOE. *Compt. rend. Acad. Sci. Bulg.* 64 (7), 967-972, **2011 (ИФ=0.219)**
- 22.** **Velikova V**, Sharkey TD, Loreto F - Stabilization of thylakoid membranes in isoprene-emitting plants reduces formation of reactive oxygen species. *Plant Signaling & Behavior* 7(1), **2012 (ADDENDA)**
- 23.** **Velikova V**, La Mantia T, Lauteri M, Michelozzi M, Nogues I, Loreto F - The impact of winter flooding with saline water on foliar carbon uptake and the volatile fraction of leaves and fruits of lemon (*Citrus x limon* L. (Burm. f.)) trees. *Functional Plant Biology* **2012 (ИФ=2.156) (приета за печат)**

Класификация на научните публикации на доц. В. Великова по тип издания

Списание	Брой	№ от списъка	Импакт фактор (JCR2010)	Общ IF
I. Списания с IF:				
I.1. чуждестранни издания:				
<i>Plant Physiology</i>	1	20	6.451	6.451
<i>Plant Cell and Environment</i>	2	12, 14	5.154	10.308
<i>Environmental Pollution</i>	2	15, 19	3.395	6.79
<i>Journal of Chemical Ecology</i>	1	16	2.486	2.486
<i>Photosynthesis Research</i>	1	7	2.410	2.410
<i>Plant Biology</i>	2	9, 10	2.409	4.818
<i>Australian Journal of Plant Physiology (FPB)</i>	2	4, 23	2.156	4.312
<i>Photosynthetica</i>	1	2	1.016	1.016
<i>Journal of Plant Interactions</i>	1	11	0.889	0.889
<i>Plant Biosystems</i>	1	18	0.829	0.829
<i>Zeitschrift fur Naturforschung</i>	1	8	0.718	0.718
<i>Russ Journal of Plant Physiology</i>	1	6	0.558	0.558
<i>Journal of Environmental Protection and Ecology</i>	1	17	0.178	0.178
I.2. български издания:				
<i>Compt. rend. Acad. bulg. Sci.</i>	1	21	0.219	0.219
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II.1. чуждестранни списания:				
<i>Plant, Signaling and Behavior</i>	1	22	-	-
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<i>Физ. на раст. (BJPP, GAPP)</i>	2	1, 13	-	-
III. Сборници от конгреси, симпозиуми и конференции в чужбина				
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