

## Zoznam publikačnej činnosti

**Mgr. Andrej Pavlovič, PhD.**

### ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Pavlovič, Andrej [UKOPR000] (100%) : The Effect of Electrical Signals on Photosynthesis and Respiration

Lit.: 111 zázň., 8 obr.

In: Plant Electrophysiology. 2. zv.: Signaling and Responses. - New York : Springer, 2012. - S. 33-62 [3,05 AH]. - ISBN 978-3-642-29109-8

*Ohlasy (4):*

[o1] 2014 Lautner, S. - Stummer, M. - Matyssek, R. - Fromm, J. - Grams, T.E.E: Plant, Cell and Environment, Vol. 37, No. 1, 2014, s. 254-260 - SCI

[o3] 2014 Volkov, A.G. - Forde-Tuckett, V. - Volkova, M.I. - Markin, V.S.: Morphing structures of the *Dionaea muscipula* Ellis during the trap opening and closing. In: Plant Signaling and Behavior [elektronický zdroj], Vol. 9, February, 2014, Art. No. e27793 [online], <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4091236/?report=classic>

[o1] 2014 Sukhov, V. - Sherstneva, O. - Surova, L. - Katicheva, L. - Vodeneev, V.: Plant Cell and Environment, Vol. 37, No. 11, 2014, s. 2532-2541 - SCI

[o1] 2015 Sukhov, V. - Surova, L. - Sherstneva, O. - Katicheva, L. - Vodeneev, V.: Frontiers in Plant Science, Vol. 5, January, 2015, Art. No. 766 - SCI

### ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Pavlovič, Andrej [UKOPR000] - Masarovičová, Elena [UKOPREPE] - Kráľová, Katarína [UKOPRCUS] - Kubová, Jana: Response of chamomile plants (*Matricaria recutita* L.) to cadmium treatment

Lit.: 25 zázň.

In: Bulletin of Environmental Contamination and Toxicology. - Vol. 77, No. 5 (2006), s. 763-771

*Indikátor časopisu:*

IF (JCR) 2006=0,505

*Ohlasy (15):*

[o1] 2007 Šalamon, I. - Labun, P. - Skoula, M. - Fabian, M.: Acta Horticulture, Vol. 749, 2007, s. 231-236 - SCI

[o3] 2010 Rosete, C.R.J.: Fertilización orgánica e inorgánica en la producción y calidad de aceites esenciales en manyonilla, mento z tomillo. Montecillo : Institución de enseñanza e investigación en ciencias agrícolas, 2010, S. 47

[o1] 2011 Baczek-Kwinta, R. - Koziel, A. - Seidler-Lozykowska, K.: Photosynthetica, Vol. 49, No. 1, 2011, s. 87-97 - SCI

[o3] 2011 Seyedeh Zohreh Saderi - Fatemeh Zarinkamar - Hossein Zeynali: Iranian Journal of Plant Biology, Vol. 3, No. 9, 2011, s. 53-62

[o2] 2012 Vatehová, Z. - Kollárová, K. - Zelko, I. - Richterová-Kučerová, D. - Bujdoš, M. - Lišková, D.: Biologia, Vol. 67, No. 3, 2012, s. 498-504 - SCI ; SCOPUS

[o1] 2012 Caldelas, C. - Araus, J.L. - Febrero, A. - Bort, J.: Acta Physiologiae Plantarum, Vol. 34, No. 3, 2012, s. 1217-1228 - SCI ; SCOPUS

[o1] 2012 Juárez-Rosetea, C.R. - Rodríguez-Mendoza, M.N. - Trejo-Téllez, L.I. - Aguilar-Castillo, J.A.: Acta Horticulturae, Vol. 947, May, 2012, s. 307-312 - SCOPUS

[o3] 2010 Sadweri, S.Z. - Zarinkamar, F.: Effect of different concentrations of lead on the anatomy of German chamomile (*Matricaria chamomilla* L.) in various stages of development. In: Environmental Stresses in Crop Science, Vol. 3, No. 2, 2010, s. 139-149

[o3] 2012 Xia, Q.X. - Bai, H.T. - Sun, L.C. - Gao, T.G. - Jiang, C.D. - Shi, L.: Research Progress on Active Composition and Practical Application of Medicinal Plants of *Matricaria recutita*. In: Acta Horticulturae Sinica, Vol. 39, No. 9, 2012, s. 1864

[o1] 2013 Lukačová, Z. - Švubová, R. - Kohanová, J. - Lux, A.: Plant Growth Regulation, Vol. 70, No. 1, 2013, s. 89-103 - SCI ; SCOPUS

[o1] 2013 Kováčik, J.: Acta Physiologiae Plantarum, Vol. 35, No. 5, 2013, s. 1721-1725 - SCI ; SCOPUS

[o1] 2013 Vaculík, M. - Jurkovič, A. - Matejkovič, P. - Molnárová, M. - Lux, A.: Water, Air, and Soil Pollution, Vol. 224, No. 5, 2013, Art. No. 1546 - SCI ; SCOPUS

- [o3] 2014 Torres-Martínez, R. - Bello-González, M.A. - Molina-Torres, J. - Ramírez-Chávez, E. - García-Rodríguez, Y. - Fulgencio-Negrete, R. - García-Hernández, A. - López-Gómez, R. - Martínez-Pacheco, M.M. - Chávez, B.N.L. - Salgado-Garciglia, R.: Efecto de la fertilización sobre el crecimiento y contenido de compuestos volátiles en *Satureja macrostema* (Benth) Briq. In: *Revista Mexicana de Ciencias Forestales*, Vol. 5, No. 21, 2014, s. 134
- [o3] 2014 Das, M.: *Chamomile Medicinal, Biochemical, and Agricultural aspects*. Boca Raton : CRC Press 2014, S. 96
- [o1] 2014 Stancheva, I.- Geneva, M. - Boychinova, M. - Mitova, I. - Markovska, Y.: *Journal of Plant Nutrition*, Vol. 37, No. 12, 2014, s. 1952-1964 - SCOPUS

- ADC02 Pavlovič, Andrej [UKOPR000] - Masarovičová, Elena [UKOPREPE] - Hudák, Ján [UKOPR000] : Carnivorous Syndrome in Asian Pitcher Plants of the Genus *Nepenthes*  
Lit.: 47 záz. n.  
In: *Annals of Botany*. - Vol. 100, No. 3 (2007), s. 527-536  
*Indikátor časopisu:*  
IF (JCR) 2007=2,939  
*Ohlasy (21):*  
[o1] 2008 Farnsworth, E.J. - Ellison, A.M.: *Journal of Ecology*, Vol. 96, No. 1, 2008, s. 213-221 - SCI  
[o1] 2008 Osunkoya, O.O. - Daud, S.D. - Wimmer, F.L.: *Annals of Botany*, Vol. 102, No. 5, 2008, s. 845-853 - SCI  
[o1] 2009 Wang, L.X. - Zhou, Q. - Zheng, Y.J. - Xu, S.Y.: *Progress in Natural Science*, Vol. 19, No. 12, 2009, s. 1657-1664 - SCI  
[o1] 2009 Karagatzides, J.D. - Ellison, A.M.: *American Journal of Botany*, Vol. 96, No. 9, 2009, s. 1612-1619 - SCI  
[o1] 2010 Bruzzese, B.M. - Bowler, R. - Massicotte, H.B. - Fredeen, A.L.: *Photosynthetica*, Vol. 48, No. 1, 2010, s. 103-109 - SCI  
[o1] 2010 Adamec, L.: *Central European Journal of Biology*, Vol. 5, No. 1, 2010, s. 121-124 - SCI  
[o2] 2010 Hájek, T. - Adamec, L.: *Biologia*, Vol. 65, No. 1, 2010, s. 69-74 - SCI  
[o1] 2010 Moran, J.A. - Clarke, C.M.: *Plant Signaling & Behavior*, Vol. 5, No. 6, 2010, s. 1-5 - SCOPUS  
[o1] 2009 Anuniwat, A. - Chaveerach, A. - Tanee, T. - Sudmoon, R.: *Pakistan Journal of Biological Sciences*, Vol. 12, No. 22, 2009, s. 1455-1461 - SCOPUS  
[o1] 2011 Adamec, L.: Ecophysiological look at plant carnivory: Why are plants carnivorous? In: *All Flesh Is Grass: Plant-Animal Interrelationships Cellular Origin, Life in Extreme Habitats and Astrobiology*, Vol. 16. Dordrecht - Heidelberg - London - New York : Springer Science + Business Media, 2011, S. 457-489 - BKCI-S  
[o1] 2010 Adamec, L.: *Cell Respiration and Cell Survival: Processes, Types and Effects*. Hauppauge : Nova Science Publ., 2010, S. 225-235 - BKCI-S  
[o1] 2011 Ellison, A.M. - Adamec, L.: *Oikos*, Vol. 120, No. 11, 2011, s. 1721-1731 - SCI  
[o1] 2011 Bonhomme, V. - Pelloux-Prayer, H. - Jousset, E. - Forterre, Y. - Labat, J.J. - Gaume, L.: *New Phytologist*, Vol. 191, No. 2, 2011, s. 545-554 - SCI  
[o1] 2011 Mithofer, A.: *Phytochemistry*, Vol. 72, No. 13, 2011, s. 1678-1682 - SCI  
[o1] 2012 Kováčik, J. - Klejdus, B. - Repčáková, K.: *Plant Physiology and Biochemistry*, Vol. 52, March, 2012, s. 21-27 - SCI ; SCOPUS  
[o1] 2012 Król, E. - Płachno, B.J. - Adamec, L. - Stolarz, M. - Dziubińska, H. - Trebacz, K.: *Annals of Botany*, Vol. 109, No. 1, 2012, s. 47-64 - SCI ; SCOPUS  
[o3] 2012 He, J. - Zain, A.: Photosynthesis and Nitrogen Metabolism of *Nepenthes alata* in Response to Inorganic NO<sub>3</sub> - and Organic Prey N in the Greenhouse. In: *ISRN Botany [elektronický zdroj]*, Vol. 2012, 2012, Art. No. ID 263270  
[o1] 2013 Moran, J.A. - Gray, L.K. - Clarke, Ch. - Lijin, Ch.: *Annals of Botany*, Vol. 112, No. 7, 2013, s. 1279-1291 - SCI ; SCOPUS  
[o1] 2014 Sweat, J. - Bodri, M.S.: *Plant Tissue Culture and Biotechnology*, Vol. 24, No. 1, 2014, s. 93-100 - SCOPUS  
[o1] 2014 Eichi, V.R. - Tyerman, S.D. - Wirthensohn, M.G.: *Journal of the American Society for Horticultural Science*, Vol. 139, No. 6, 2014, s. 627-633 - SCOPUS ; SCI  
[o1] 2014 Dkhar J. - Pareek A.: *EvoDevo*, Vol. 5, December, 2014, Art. No. 47 - SCOPUS ; SCI

- ADC03 Demko, Viktor [UKOPR000] (50%) - Pavlovič, Andrej [UKOPR000] (10%) - Valková, Danka (10%) - Slovák, Ludmila [UKOPR000] (10%) - Grimm, Bernhard (10%) - Hudák, Ján [UKOPR000] (10%) : A novel insight into the regulation of light-independent chlorophyll biosynthesis in *Larix decidua* and *Picea abies* seedlings  
Lit.: 49 záz. n., 5 obr.  
In: *Planta*. - Vol. 230, No. 1 (2009), s. 165-176  
*Indikátor časopisu:*  
IF (JCR) 2009=3,372

*Ohlasy (8):*

- [o1] 2011 Yamamoto, Y. - Kurumiya, S. - Ohashi, R. - Fujita, Y.: Plant and Cell Physiology, Vol. 52, No. 11, 2011, s. 1983-1993 - SCI
- [o3] 2011 Tanaka, R. - Kobayashi, K. - Masudac, T.: Tetrapyrrole Metabolism in Arabidopsis thaliana. In: Arabidopsis Book, Vol. 9 [elektronický zdroj]. Rockville : American Society of Plant Biologists, 2011, S. e0145
- [o1] 2011 Nazir, S. - Khan, M.S.: Molecular Biology Reports, Vol. 39, No. 12, 2012, s. 10637-10646 - SCI
- [o3] 2011 Mysliwa-Kurdziel B. - Gabruk M.: Biosynteza chlorofilu: dwa mechanizmy redukcji protochlorofilidu. In: Kosmos - Problemy nauk biologicznych, Vol. 60, No. 3-4, 2011, s. 443
- [o1] 2012 Kobayashi, K. - Masuda, T.: Tetrapyrrole Biosynthesis in Plant Systems. In: Handbook of Porphyrin Science with Applications to Chemistry, Physics, Materials Science, Engineering, Biology and Medicine, Vol. 20: Chlorophylls and Related Systems. Book Series: Handbook of Porphyrin Science. Singapore : World Scientific Publishing, 2012, S. 141-211 - BKCI-S
- [o3] 2013 Yamamoto, H. - Kurumiya, S. - Ohashi, R. - Fujita, Y.: Functional analysis of the nitrogenase-like protochlorophyllide reductase encoded in chloroplast genome using cyanobacterium Leptolyngbya boryana. In: Photosynthesis Research for Food, Fuel and the Future Advanced Topics in Science and Technology in China. Heidelberg, New York : Springer, 2013, S. 427-431
- [o1] 2014 Wu, Q. - Su, N.N. - Shen, W.B. - Cui, J.: Acta Physiologiae Plantarum, Vol. 36, June, 2014, s. 1411-1420 - SCI
- [o1] 2014 Nomata, J. - Kondo, T. - Mizoguchi, T. - Tamiaki, H. - Itoh, S. - Fujita, Y.: Scientific Reports [elektronický zdroj], Vol. 4, June, 2014, Art. No. 5455 - SCI ; SCOPUS

ADC04 Pavlovič, Andrej [UKOPR000] (50%) - Singerová, Lucia (20%) - Demko, Viktor [UKOPR000] (20%) - Hudák, Ján [UKOPR000] (10%) : Feeding enhances photosynthetic efficiency in the carnivorous pitcher plant *Nepenthes talangensis* Lit.: 34 záz., 3 obr., 2 tab.

In: Annals of Botany. - Vol. 104, No. 2 (2009), s. 307-314

*Indikátor časopisu:*

IF (JCR) 2009=3,501

*Ohlasy (14):*

- [o1] 2010 Moran, J.A. - Hawkins, B.J. - Gowen, B.E. - Robbins, S.L. - Samantha L.: Journal of Experimental Botany, Vol. 61, No. 5, 2010, s. 1365-1374 - SCI
- [o1] 2010 Chin, L.J. - Moran, J.A. - Clarke, C.: New Phytologist, Vol. 186, No. 2, 2010, s. 461-470 - SCI
- [o1] 2010 Adamec, L.: Central European Journal of Biology, Vol. 5, No. 1, 2010, s. 121-124 - SCI
- [o1] 2010 Bruzzese, B.M. - Bowler, R. - Massicotte, H.B. - Fredeen, A.L.: Photosynthetica, Vol. 48, No. 1, 2010, s. 103-109 - SCI
- [o1] 2010 Moran, J.A. - Clarke, C.M.: Plant Signaling & Behavior, Vol. 5, No. 6, 2010, s. 1-5 - SCOPUS
- [o1] 2011 Ellison, A.M. - Adamec, L.: Oikos, Vol. 120, No. 11, 2011, s. 1721-1731 - SCI
- [o1] 2011 Adamec, L.: Fundamental and Applied Limnology, Vol. 178, No. 2, 2011, s. 171-176 - SCI
- [o1] 2012 Bazile, V. - Moran, J.A. - Le Moguec, G. - Marshall, D.J. - Gaume, L.: PLoS ONE, Vol. 7, No. 5, 2012, Art. No. e36179 - SCI ; SCOPUS
- [o1] 2013 Scharmann, M. - Thornham, D.G. - Grafe, T.U. - Federle, W.: PLoS ONE, Vol. 8, No. 5, 2013, Art. No. e63556 - SCI ; SCOPUS
- [o1] 2013 Adamec, L.: Frontiers in Plant Science [elektronický zdroj], Vol. 4, January, 2013, Art. No. 10 - SCOPUS
- [o1] 2013 Moran, J.A. - Gray, L.K. - Clarke, Ch. - Lijin, Ch.: Annals of Botany, Vol. 112, No. 7, 2013, s. 1279-1291 - SCI ; SCOPUS
- [o1] 2014 Wicke, S. - Schäferhoff, B. - Depamphilis, C.W. - Müller, K.F.: Molecular Biology and Evolution, Vol. 31, No. 3, 2014, s. 529-545 - SCI
- [o1] 2014 Hatcher, C.R. - Hart, A.G.: Journal of Ecology [elektronický zdroj], Vol. 2014, 2014, Art. No. 135207 - SCOPUS
- [o1] 2014 Kruse, J. - Gao, P. - Honsel, A. - Kreuzwieser, J. - Burzlaff, T. - Alfarraj, S. - Hedrich, R. - Rennenberg, H.: Oecologia, Vol. 174, No. 3, 2014, s. 839-851 - SCI

ADC05 Pavlovič, Andrej [UKOPR000] (50%) - Demko, Viktor [UKOPR000] (30%) - Durchan, M. (10%) - Hudák, J. (10%) : Feeding with aminolevulinic acid increased chlorophyll content in Norway spruce (*Picea abies*) in the dark

Lit.: 17 záz., 2 obr.

In: Photosynthetica. - Vol. 47, No. 4 (2009), s. 631-634

*Indikátor časopisu:*

IF (JCR) 2009=1,072

*Ohlasy (3):*

- [o1] 2012 Korkmaz, A.: Effects of Exogenous Application of 5-aminolevulinic acid (ALA) in Crop Plants: Abiotic Stress Responses in Plants. In: Metabolism, and Productivity and Sustainability. New York : Springer, 2012, S. 215-234 - BKCI-S
- [o1] 2014 Kurlus, R. - Lysiak, G.: Acta Horticulturae, No. 1020, February, 2014, s. 323-330 - SCOPUS
- [o1] 2014 Maximova, N. - Slovakova, L.: Photosynthetica, Vol. 52, No. 2, 2014, s. 203-210 - SCI

ADC06 Pavlovič, Andrej [UKOPR000] (50%) - Slovákova, Ľudmila [UKOPRBFR] (20%) - Demko, Viktor [UKOPR000] (10%) - Durčan, M. (5%) - Mikulová, Katarína (5%) - Hudák, Ján [UKOPR000] (10%) : Chlorophyll biosynthesis and chloroplast development in etiolated seedlings of *Ginkgo biloba* L.

Lit.: 34 zázň., 4 obr., 1 tab.

In: Photosynthetica. - Vol. 47, No. 4 (2009), s. 510-516

*Indikátor časopisu:*

IF (JCR) 2009=1,072

*Ohlasy (1):*

[o1] 2010 Li, Y. - Wang, Z.B. - Xu, T.H. - Tu, W.F. - Liu, C. - Zhang, Y.M. - Yang, CH.: Journal of Plant Physiology, Vol. 167, No. 16, 2010, s. 1390-1397 - SCI

ADC07 Breznenová, Katarína (50%) - Demko, Viktor [UKOPR000] (10%) - Pavlovič, Andrej [UKOPR000] (10%) - Gálová, Eliška [UKOPRBGE] (10%) - Švubová, Renáta [UKOPRBFR] (10%) - Hudák, Ján [UKOPR000] (10%) : Light-independent accumulation of essential chlorophyll biosynthesis- and photosynthesis-related proteins in *Pinus mugo* and *Pinus sylvestris* seedlings

Lit.: 29 zázň., 6 obr.

In: Photosynthetica. - Vol. 48, No. 1 (2010), s. 16-22

*Indikátor časopisu:*

IF (JCR) 2010=1,016

*Ohlasy (2):*

[o1] 2011 Reinhardt, K. - Castanha, C. - Germino, M.J. - Kueppers, L.M.: Tree Physiology, Vol. 31, No. 6, 2011, s. 615-625 - SCI

[o3] 2011 Mysliwa-Kurziel B. - Gabruk M.: Biosynteza chlorofilu: dwa mechanizmy redukcji protochlorofilidu. In: Kosmos - Problemy nauk biologicznych, Vol. 60, No. 3-4, 2011, s. 443

ADC08 Demko, Viktor [UKOPR000] (45%) - Pavlovič, Andrej [UKOPR000] (45%) - Hudák, Ján [UKOPR000] (10%) : Gabaculine alters plastid development and differentially affects abundance of plastid-encoded DPOR and nuclear-encoded GluTR and FLU-like proteins in spruce cotyledons

Lit.: 46 zázň., 5 obr.

In: Journal of Plant Physiology. - Vol. 167, No. 9 (2010), s. 693-700

*Indikátor časopisu:*

IF (JCR) 2010=2,677

*Ohlasy (3):*

[o1] 2012 Czarnecki, O. - Gläßer, C. - Chen, J.-G. - Mayer, K.F.X - Grimm, B.: Frontiers in Plant Science, Vol. 3, October, 2012, s. 18, Art. No. 236 - SCOPUS

[o1] 2012 Kobayashi, K. - Masuda, T.: Tetrapyrrole Biosynthesis in Plant Systems. In: Handbook of Porphyrin Science with Applications to Chemistry, Physics, Materials Science, Engineering, Biology and Medicine. Book Series: Handbook of Porphyrin Science, Vol 20. Hackensack : World Scientific Publishing, 2012, S. 141-211 - BKCI-S

[o1] 2014 Maximova, N. - Slovakova, L.: Photosynthetica, Vol. 52, No. 2, 2014, s. 203-210 - SCI

ADC09 Pavlovič, Andrej [UKOPR000] (50%) - Singerová, Lucia (20%) - Demko, Viktor [UKOPR000] (10%) - Šantrůček, J. (10%) - Hudák, J. (10%) : Root nutrient uptake enhances photosynthetic assimilation in prey-deprived carnivorous pitcher plant *Nepenthes talangensis*

Lit.: 31 zázň., 3 obr.

In: Photosynthetica. - Vol. 48, No. 2 (2010), s. 227-233

*Indikátor časopisu:*

IF (JCR) 2010=1,016

*Ohlasy (4):*

[o1] 2011 Ellison, A.M - Adamec, L.: Oikos, Vol. 120, No. 11, 2011, s. 1721-1731 - SCI

[o1] 2012 Król, E. - Plachno, B.J. - Adamec, L. - Stolarz, M. - Dziubińska, H. - Trebacz, K.: Annals of Botany, Vol. 109, No. 1, 2012, s. 47-64 - SCI ; SCOPUS

[o1] 2013 Scharmann, M. - Thornham, D.G. - Grafe, T.U. - Federle, W.: PLoS ONE, Vol. 8, No. 5, 2013, Art. No. e63556 - SCI ; SCOPUS

[o3] 2013 Saputro, R.A. - Ardie, S.W.: Aplikasi Berbagai Komposisi dan Konsentrasi Pupuk Majemuk untuk Pembentukan Kantong pada *Nepenthes x ventrata*. In: Buletin Agrohorti, Vol. 1, No. 1, 2013, s. 113-118

ADC10 Pavlovič, Andrej [UKOPR000] (80%) - Demko, Viktor [UKOPR000] (10%) - Hudák, Ján [UKOPR000] (10%) : Trap closure and prey retention in Venus flytrap (*Dionaea muscipula*) temporarily reduces photosynthesis and stimulates respiration

Lit.: 52 zázň., 6 obr.

In: Annals of Botany. - Vol. 105, No. 1 (2010), s. 37-44

*Indikátor časopisu:*

IF (JCR) 2010=3,388

*Ohlasy (14):*

[o1] 2011 Bonhomme, V. - Pelloux-Prayer, H. - Jousselein, E. - Forterre, Y. - Labat, J. J. - Gaume, L.: New Phytologist, Vol. 191, No. 2, 2011, s. 545-554 - SCI

[o1] 2010 Krol, E. - Dziubinska, H. - Trebacz, K.: Action Potential: Biophysical and Cellular Context, Initiation, Phases and Propagation. Hauppauge : Nova Science Publ., 2010, S. 1-28 - BKCI-S

[o1] 2011 Favre, P. - Greppin, H. - Degli Agosti, R.: Journal of Plant Physiology, Vol. 168, No. 7, 2011, s. 653-660 - SCI

[o1] 2012 Volkov, A.G. - Murphy, V.A. - Clemmons, J.I. - Curley, M.J. - Markin, V.S.: Journal of Plant Physiology, Vol. 169, No. 1, 2012, s. 55-64 - SCI ; SCOPUS

[o1] 2012 Król, E. - Płachno, B.J. - Adamec, L. - Stolarz, M. - Dziubińska, H. - Trebacz, K.: Annals of Botany, Vol. 109, No. 1, 2012, s. 47-64 - SCI ; SCOPUS

[o1] 2012 Gish, M. - Dafni, A. - Inbar, M.: PLoS ONE, Vol. 7, No. 4, 2012, Art. No. 32706 - SCI ; SCOPUS

[o3] 2012 Markin, V.S. - Volkov A.G.: Morphing Structures in the Venus Flytrap. In: Plant Electrophysiology. Berlin : Springer, 2012, S. 1-31

[o1] 2013 Volkov, A.G. - Harris, S.L. - Vilfranc, C.L. - Murphy, V.A. - Wooten, J.D. - Paulicin, H. - Volkova, M.I. - Markin, V.S.: Journal of Plant Physiology, Vol. 170, No. 1, 2013, s. 25-32 - SCI ; SCOPUS

[o1] 2013 Volkov, A.G. - Vilfranc, C.L. - Murphy, V.A. - Mitchell, C.M. - Volkova, M.I. - O'Neal, L. - Markin, V.S.: Journal of Plant Physiology, Vol. 170, No. 9, 2013, s. 838-846 - SCI ; SCOPUS

[o1] 2013 Eisen, D. - Janssen, D. - Chen, X. - Choa, F.-S. - Kostov, D. - Fan, J.: Progress in Biomedical Optics and Imaging - Proceedings of SPIE Photonic Therapeutics and Diagnostics IX. San Francisco : [s.n.], 2013, Art. No. 85655I - SCOPUS

[o1] 2013 Cuperman, D. - Verner, I.M.: International Journal of Technology and Design Education, Vol. 23, No. 4, 2013, s. 849-866 - SCI ; SCOPUS

[o1] 2014 Lautner, S. - Stummer, M. - Matyssek, R. - Fromm, J. - Grams, T.E.E.: Plant Cell and Environment, Vol. 37, No. 1, 2014, s. 254-260 - SCI

[o1] 2014 Kruse, J. - Gao, P. - Honsel, A. - Kreuzwieser, J. - Burzlaff, T. - Alfarraj, S. - Hedrich, R. - Rennenberg, H.: Oecologia, Vol. 174, No. 3, 2014, s. 839-851 - SCI

[o3] 2015 Volkov, A.G. - Markin, V.S.: Active and Passive Electrical Signaling in Plants. In: Progress in Botany, Vol. 76. Chan : Springer, 2015, S. 143-176

ADC11 Pavlovič, Andrej [UKOPR000] (100%) : Photosynthetic characterization of Australian pitcher plant *Cephalotus follicularis*

Lit.: 30 zázň., 4 zázň.

In: Photosynthetica. - Vol. 49, No. 2 (2011), s. 253-258

*Indikátor časopisu:*

IF (JCR) 2011=1,000

*Ohlasy (1):*

[o3] 2014 Tuleja, M. - Chmielowska, A. - Plachno, B.J.: The preliminary attempts of in vitro regeneration from petioles of recalcitrant species of *Cephalotus follicularis* Labill. In: Modern Phytomorphology [elektronický zdroj], Vol. 6, 2014, s. 37-38 [online], <http://phytomorphology.org/journal/archive/volume-6/>

ADC12 Pavlovič, Andrej [UKOPR000] (70%) - Slováková, Ľudmila [UKOPRBFR] (10%) - Pandolfi, Camilla (10%) - Mancuso, Stefano (10%) : On the mechanism underlying photosynthetic limitation upon trigger hair irritation in the carnivorous plant Venus flytrap (*Dionaea muscipula* Ellis)

Lit.: 59 zázň., 6 obr., 1 tab.

In: Journal of Experimental Botany. - Vol. 62, No. 6 (2011), s. 1991-2000

*Indikátor časopisu:*

IF (JCR) 2011=5,364 [2012-5,242]

*Ohlasy (17):*

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Lit.: 65 zázň., 4 obr.

In: *Plant Cell and Environment*. - Vol. 34, No. 11 (2011), s. 1865-1873

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ADC14 Vredenberg, Wim (50%) - Pavlovič, Andrej [UKOPR000] (50%) : Chlorophyll a fluorescence induction (Kautsky curve) in a Venus flytrap (*Dionaea muscipula*) leaf after mechanical trigger hair irritation  
Lit.: 76 zázň., 7 obr.  
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Lit.: 72 zázň., 5 obr., 5 tab.  
In: *Annals of Botany*. - Vol. 113, No. 1 (2014), s. 69-78  
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IF (JCR) 2014= [2013-3,295]  
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[o1] 2015 Gao, P. - Loeffler, T.S. - Honsel, A. - Kruse J. - Krol E. - Scherzer S. - Kreuzer I. - Bemm F. - Buegger F. - Burzlaff T. - Hedrich, R. - Rennenberg, H.: *New Phytologist*, Vol. 205, No. 3, 2015, s. 1320-1329 - SCI ; SCOPUS

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Lit.: 43 zázň., 3 obr.  
In: *Plant Signaling & Behavior*. - Vol. 5, No. 11 (2010), s. 1-5

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Lit.: 22 zázň., 1 obr.  
In: *Plant Signaling & Behavior*. - Vol. 6, No. 6 (2011), s. 840-842  
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ADE03 Pavlovič, Andrej [UKOPR000] (100%) : Adaptive radiation with regard to nutrient sequestration strategies in the carnivorous plants of the genus *Nepenthes*  
Lit.: 24 zázň., 1 obr.  
In: *Plant Signaling & Behavior*. - Vol. 7, No. 2 (2012), s. 295-297  
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#### **ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

