

Zoznam publikačnej činnosti

RNDr. Marek Vaculík, PhD.

ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách

ABA01 Martinka, Michal [UKOPRBFR] (90%) - Vaculík, Marek [UKOPRBFR] (5%) - Lux, Alexander [UKOPRBFR] (5%): Plant Cell Responses to Cadmium and Zinc
Lit.: 252 zázň., 3 obr.
In: Applied Plant Cell Biology: Cellular Tools and Approaches for Plant Biotechnology. - Berlin, Heidelberg : Springer-Verlag, 2014. - S. 209-246 [3,5 AH]. - ISSN 1861-1370. - ISBN 978-3-642-41786-3
Anonymné recenzné konanie zo strany vydavateľa [rec.]
Ohlasy (8):
[o1] 2014 Chen, Y. - Mo, H.Z. - Zheng, M.Y. - Xian, M. - Qi, Z.Q. - Li, Y.Q. - Hu, L.B. - Chen, J. - Yang, L.F.: Plos ONE, Vol. 9, No. 10, 2014, Art. No. e110904 - SCI
[o1] 2015 Asgher, M. - Khan, M.I.R. - Anjum, N.A. - Khan, N.A.: Protoplasma, Vol. 252, No. 2, 2015, s. 399-413 - SCI ; SCOPUS
[o3] 2015 Xu, Y. - Chu, L. - Jin, Q. - Wang, Y. - Chen, X. - Zhao, H. - Xue, Z.: Transcriptome-wide identification of miRNAs and their targets from *Typha angustifolia* by RNA-Seq and their response to cadmium stress. In: PloS One, Vol. 10, No. 4, 2015, Art. No. e012546
[o1] 2016 Thomas, C.L. - Alcock, T.D. - Graham, N.S. - Hayden, R. - Matterson, S. - Wilson, L. - Young, D. - Dupuy, L.X. - White, P.J. - Hammond, J.P. - Danku, J.M.C. - Salt, D.E. - Sweeney, A. - Bancroft, I. - Broadley, M.R.: BMC Plant Biology, Vol. 16, No. 1, 2016, Art. No. 214 - SCI ; SCOPUS
[o1] 2016 Versieren, L. - Evers, S. - De Schamphelaere, K. - Blust, R. - Smolders, E.: Environmental Toxicology and Chemistry, Vol. 35, No. 10, 2016, s. 2483-2492 - SCI ; SCOPUS
[o1] 2016 Wei, X. - Lü, L. - Li, G. - Tang, Y.: Linye Kexue/Scientia Silvae Sinicae, Vol. 52, No. 9, 2016, s. 133-138 - SCOPUS
[o1] 2017 Versieren, L. - Evers, S. - AbdElgawad, H. - Asard, H. - Smolders, E.: Environmental Toxicology and Chemistry, Vol. 36, No. 1, 2017, s. 220-230 - SCI ; SCOPUS
[o1] 2017 Ranathunge, K. - Kim, Y.X. - Wassmann, F. - Kreszies, T. - Zeisler, V. - Schreiber, L.: Annal of Botany, Vol. 119, No. 4, 2017, s. 629-643 - SCI

ABA02 Liška, Denis [UKOPDDPP] (20% [0,676 AH]) - Soukup, Milan [UKOPRBFRs] (20% [0,676 AH]) - Lukačová, Zuzana [UKOPRBFR] (20% [0,676 AH]) - Bokor, Boris [UKOVP] (20% [0,676 AH]) - Vaculík, Marek [UKOPRBFR] (20% [0,676 AH]): Mechanisms of Silicon-Mediated Alleviation of Abiotic Stress in Plants : Recent Advances and Future Perspective
Lit.: 260 zázň., 2 obr.
In: Silicon in Plants: Advances and Future Prospect. - Boca Raton : CRC Press, 2017. - S. 1-27 [3,38 AH]. - ISBN 978-1-4987-3949-8
Anonymné recenzné konanie zo strany vydavateľa [rec.]

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Vaculík, Marek [UKOPRBFR] (80% [1,936 AH]) - Vaculíková, Miroslava [UKOPRSV] (20% [0,484 AH]): Role of Silicon under Heavy Metal and Toxic Element Stress : An Emphasis on Root Biology
Lit.: 132 zázň.
In: Silicon in Plants: Advances and Future Prospect. - Boca Raton : CRC Press, 2017. - S. 175-194 [2,42 AH]. - ISBN 978-1-4987-3949-8
Anonymné recenzné konanie zo strany vydavateľa [rec.]

ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

ACB01 Vaculík, Marek [UKOPRBFR] (100%) : Základné princípy fytoremediácií. - 1. vyd. - 2018 : Univerzita Komenského v Bratislave, 2018. - 90 s. [5,47 AH]

Lit.: 154 zázň.
ISBN 978-80-223-4514-9
Čiamporová, Milada [rec.]
Lux, Alexander [rec.]

ADC Vedecké práce v zahraničňých karentovaných časopisoch

ADC01 Vaculík, Marek [UKOPRBFR] (40%) - Lux, Alexander [UKOPRBFR] (20%) - Luxová, Miroslava (20%) - Tanimoto, Eiichi (10%) - Lichtscheidl, Irene (10%): Silicon mitigates cadmium inhibitory effects in young maize plants

Lit.: 40 zázň.

In: Environmental and Experimental Botany. - Vol. 67, No. 1 (2009), s. 52-58. - ISSN 0098-8472

Indikátor časopisu:

IF (JCR) 2009=3,164

Ohlasy (71):

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[o1] 2010 Miao, B.H. - Han, X.G. - Zhang, W.H.: Annals of Botany, Vol. 105, No. 6, 2010, s. 967-973 - SCI

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[o1] 2011 Yang, Y. - Zhang, Y. - Wei, X. - You, J. - Wang, W. - Lu, J. - Shi, R.: Ecotoxicology and Environmental Safety, Vol. 74, No. 4, 2011, s. 733-740 - SCI ; SCOPUS

[o3] 2010 Tallberg P. - Lehtimäki, M. - Siipola, V.: Distribution of silicon in soils and sediments of a small catchment area: similarities and differences. In: 19th World Congress of Soil Science, Soil Solutions for a Changing World. Brisbane : International Union of Soil Sciences, 2010, S. 45

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[o1] 2012 Li, L.B. - Zheng, C. - Fu, Y.Q. - Wu, D.M. - Yang, X.J. - Shen, H.: Biological Trace Element Research, Vol. 145, No. 1, 2012, s. 101-108 - SCOPUS

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[o1] 2012 Rizwan, M. - Meunier, J.D. - Miche, H. - Keller, C.: Journal of Hazardous Materials, Vol. 209, 2012, s. 326-334 - SCI ; SCOPUS

[o2] 2012 Vatehova, Z. - Kollarova, K. - Zelko, I. - Richterova-Kucerova, D. - Bujdos, M. - Liskova, D.: Biologia, Vol. 67, No. 3, 2012, s. 498-504 - SCI ; SCOPUS

[o1] 2013 Qiu, Z. - Li, J. - Zhang, M. - Bi, Z. - Li, Z.: Ecotoxicology and Environmental Safety, Vol. 88, 2013, s. 135-141 - SCOPUS

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[o1] 2013 Farooq, M.A. - Ali, S. - Hameed, A. - Ishaque, W. - Mahmood, K. - Iqbal, Z.: Ecotoxicology and Environmental Safety, Vol. 96, October 2013, s. 242-249 - SCI ; SCOPUS

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ADC02 Lux, Alexander [UKOPRBFR] (35%) - Martinka, Michal [UKOPRBFR] (30%) - Vaculik, Marek [UKOPRBFR] (30%) - White, Philip J. (5%): Root responses to cadmium in the rhizosphere: a review

Lit.: 178 zázn., 6 obr., 1 tab.

In: Journal of Experimental Botany. - Vol. 62, No. 1 (2011), s. 21-37. - ISSN 0022-0957

Indikátor časopisu:

IF (JCR) 2011=5,364

Ohlasy (275):

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Lit.: 43 zázň., 8 obr., 1 tab.

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Lit.: 73 zázň., 8 obr., 2 tab.

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Lit.: 61 zázň., 7 obr.

In: *Environmental Pollution*. - Vol. 163, No. 4 (2012), s. 117-126. - ISSN 0269-7491

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ADC06 Drličková, Gabriela (30%) - Vaculík, Marek [UKOPRBFR] (30%) - Matejkovič, Peter [UKOPREGE] (10%) - Lux, Alexander [UKOPRBFR] (30%): Bioavailability and Toxicity of Arsenic in Maize (*Zea mays* L.) Grown in Contaminated Soils

Lit.: 17 zázň., 4 obr., 2 tab.

In: Bulletin of Environmental Contamination and Toxicology. - Vol. 91, No. 2 (2013), s. 235-239. - ISSN 0007-4861

Indikátor časopisu:

IF (JCR) 2013=1,216

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ADC07 Konlechner, Cornelia (30%) - Turktas, Mine (10%) - Langer, Ingrid (10%) - Vaculík, Marek [UKOPRBFR] (10%) - Wenzel, Walter W. (10%) - Puschenreiter, Markus (10%) - Hauser, Marie-Theres (20%): Expression of zinc and cadmium responsive genes in leaves of willow (*Salix caprea* L.) genotypes with different accumulation characteristics

Lit.: 63 zázň., 4 obr., 3 tab.

In: Environmental Pollution. - Vol. 178 (2013), s. 121-127. - ISSN 0269-7491

Indikátor časopisu:

IF (JCR) 2013=3,902

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ADC08 Kulkarni, Manoj G. (20%) - Stirk, Wendy A. (10%) - Southway, Colin (10%) - Papenfus, Heino B. (10%) - Swart, Pierre A. (10%) - Lux, Alexander [UKOPRBFR] (10%) - Vaculík, Marek [UKOPRBFR] (10%) - Martinka, Michal [UKOPRBFR] (10%) - Van Staden, Johannes (10%): Plant Growth Regulators Enhance Gold Uptake in Brassica Juncea

Lit.: 54 zázň., 2 obr., 1 tab.

In: International Journal of Phytoremediation. - Vol. 15, No. 2 (2013), s. 117-126. - ISSN 1522-6514

Indikátor časopisu:

IF (JCR) 2013=1,466

Ohlasy (2):

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ADC09 Tatarková, Veronika [UKOPREGE] (40%) - Hiller, Edgar [UKOPREGE] (40%) - Vaculík, Marek [UKOPRBFR] (20%): Impact of wheat straw biochar addition to soil on the sorption, leaching, dissipation of the herbicide (4-chloro-2-methylphenoxy) acetic acid and the growth of sunflower (*Helianthus annuus* L.)

Lit.: 48 zázň., 4 obr., 2 tab.

In: Ecotoxicology and Environmental Safety. - Vol. 92, June (2013), s. 215-221. - ISSN 0147-6513

Indikátor časopisu:

IF (JCR) 2013=2,482

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ADC10 Vaculík, Marek [UKOPRBFR] (30%) - Jurkovič, Ľubomír [UKOPREGE] (20%) - Matejkovič, Peter [UKOPREGE] (20%) - Molnárová, Marianna [UKOPREEF] (10%) - Lux, Alexander [UKOPRBFR] (20%): Potential Risk of Arsenic and Antimony Accumulation by Medicinal Plants Naturally Growing on Old Mining Sites

Lit.: 75 zázň., 6 obr., 7 tab.

In: Water, Air and Soil Pollution. - Vol. 224, No. 5 (2013), Art. No. 1546 [16 s.]. - ISSN 0049-6979

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2013=1,685

Ohlasý (33):

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ADC11 Bokor, Boris [UKOVP] (50%) - Vaculík, Marek [UKOPRBFR] (30%) - Slovákova, Ludmila [UKOPRBFR] (5%) - Masarovič, Daniel [UKOPRBFR] (5%) - Lux, Alexander [UKOPRBFR] (10%): Silicon does not always mitigate zinc toxicity in maize

Lit.: 55 zázň., 6 obr., 1 tab.

In: Acta Physiologiae Plantarum. - Vol. 36, No. 3 (2014), s. 733-743. - ISSN 0137-5881

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2014=1,584

Kvartil Q:

wos-jcr -- Q2 [plant sciences] -- 2014

Ohlasy (9):

- [o1] 2015 Dresler, S. - Wojcik, M. - Bednarek, W. - Hanaka, A. - Tukiendorf, A.: Russian Journal of Plant Physiology, Vol. 62, No. 1, 2015, s. 86-92 - SCI
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- [o1] 2016 Khaliq, A. - Ali, S. - Hameed, A. - Farooq, M.A. - Farid, M. - Shakoor, M.B. - Mahmood, K. - Ishaque, W. - Rizwan, M.: Archives of Agronomy and Soil Science, Vol. 62, No. 5, 2016, s. 633-647 - SCI ; SCOPUS
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ADC12 Vaculíková, Miroslava [UKOPRSAV] (40%) - Vaculík, Marek [UKOPRBFR] (20%) - Šimková, Lenka (5%) - Fialová, Ivana (5%) - Kochanová, Eva (5%) - Sedláková, Barbora (5%) - Luxová, Miroslava (20%): Influence of silicon on maize roots exposed to antimony- Growth and antioxidative response

Lit.: 48 zázň., 4 obr., 1 tab.

In: Plant Physiology and Biochemistry. - Vol. 83 (2014), s. 279-284. - ISSN 0981-9428

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2014=2,756

Kvartil Q:

wos-jcr -- Q1 [plant sciences] -- 2014

Ohlasy (10):

[o1] 2015 Zhang, X.Y. - Wang, J. - Liu, X.Y. - Gu, L.F. - Hou, Y.Y. - He, C.Q. - Chen, X.P. - Liang, X.: International Journal of Phytoremediation, Vol. 17, No. 2, 2015, s. 1220-1226 - SCI ; SCOPUS

[o1] 2015 Sytykiewicz, H.: Biochemical Systematics and Ecology, Vol. 60, June, 2015, s. 131-142 - SCI ; SCOPUS

[o1] 2016 Khaliq, A. - Ali, S. - Hameed, A. - Farooq, M.A. - Farid, M. - Shakoor, M.B. - Mahmood, K. - Ishaque, W. - Rizwan, M.: Archives of Agronomy and Soil Science, Vol. 62, No. 5, 2016, s. 633-647 - SCI ; SCOPUS

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[o1] 2017 Haynes, R.J.: Significance and Role of Si in Crop Production. In: Advances in Agronomy. San Diego : Elsevier Academic Press, 2017, S. 83-166 - BKCI-S

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[o1] 2017 Zhang, L. - Yang, Q. - Wang, S. - Li, W. - Jiang, S. - Liu, Y.: Ecotoxicology and Environmental Safety, Vol. 144, October, 2017, s. 572-577 - SCI ; SCOPUS

ADC13 Stoláriková-Vaculíková, Miroslava (30%) - Romeo, Stefania (20%) - Minnocci, Antonio (10%) - Luxová, Miroslava (10%) - Vaculík, Marek [UKOPRBFR] (10%) - Lux, Alexander [UKOPRBFR] (10%) - Sebastiani, Luca (10%):

Anatomical, biochemical and morphological responses of poplar *Populus deltoides* clone Lux to Zn excess

Lit.: 42 zázň., 8 obr., 4 tab.

In: Environmental and Experimental Botany. - Vol. 109, January (2015), s. 235-243. - ISSN 0098-8472

Registrované v: wos
Registrované v: scopus
Indikátor časopisu:
IF (JCR) 2015=3,712

Kvartil Q:

wos-jcr -- Q1 [plant sciences] ; Q1 [environmental sciences] -- 2014

Ohlasy (7):

[o1] 2016 Luo, Z.B. - He, J.L. - Polle, A. - Rennenberg, H.: *Biotechnology Advances*, Vol. 34, No. 6, 2016, s. 1131-1148 - SCI

[o1] 2016 Xu, Z. - Chen, L. - Tang, S. - Zhuang, L. - Yang, W. - Tu, L. - Tan, B. - Zhang, L.: *Trees - Structure and Function*, Vol. 30, No. 6, 2016, s. 2019-2027 - SCI ; SCOPUS

[o1] 2017 Elloumi, N. - Belhaj, D. - Mseddi, S. - Zouari, M. - Abdallah, F.B. - Woodward, S. - Kallel, M.: *Ecological Engineering*, Vol. 99, February, 2017, s. 164-171 - SCOPUS

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[o1] 2017 Pietrini, F. - Di Baccio, D. - Iori, V. - Veliksar, S. - Lemanova, N. - Juškaite, L. - Maruška, A. - Zacchini, M.: *Science of the Total Environment*, Vol. 592, August, 2017, s. 412-418 - SCI ; SCOPUS

ADC14 Vaculík, Marek [UKOPRBFR] (60%) - Pavlovič, Andrej [UKOPRBFRs] (20%) - Lux, Alexander [UKOPRBFR] (20%): Silicon alleviates cadmium toxicity by enhanced photosynthetic rate and modified bundle sheath's cell chloroplasts ultrastructure in maize

Lit.: 62 zázn., 4 obr., 2 tab.

In: *Ecotoxicology and Environmental Safety*. - Vol. 120, October (2015), s. 66-73. - ISSN 0147-6513

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2015=3,130

Kvartil Q:

wos-jcr -- Q2 [environmental sciences] ; Q3 [toxicology] -- 2014

Ohlasy (18):

[o1] 2016 Rizwan, M. - Meunier, J.D. - Davidian, J.C. - Pokrovsky, O.S. - Bovet, N. - Keller, C.: *Environmental Science and Pollution Research*, Vol. 23, No. 2, 2016, s. 1414-1427 - SCI ; SCOPUS

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[o1] 2016 Ma, J. - Sheng, H. - Li, X. - Wang, L.: *Plant Physiology and Biochemistry*, Vol. 104, July, 2016, s. 71-80 - SCI ; SCOPUS

[o1] 2016 Fan, X. - Wen, X. - Huang, F. - Cai, Y. - Cai, K.: *Acta Physiologiae Plantarum*, Vol. 38, No. 8, 2016, Art. No. 197 - SCI ; SCOPUS

[o1] 2016 Wang, Y. - Hu, Y. - Duan, Y. - Feng, R. - Gong, H.: *Acta Physiologiae Plantarum*, Vol. 38, No. 8, 2016, Art. No. 211 - SCI ; SCOPUS

[o1] 2016 Zhu, Y. - Guo, J. - Feng, R. - Jia, J. - Han, W. - Gong, H.: *Plant and Soil*, Vol. 406, No. 1-2, 2016, s. 231-249 - SCI ; SCOPUS

[o1] 2016 Ali, S. - Rizwan, M. - Ullah, N. - Bharwana, S.A. - Waseem, M. - Farooq, M.A. - Abbasi, G.H. - Farid, M.: *Acta Physiologiae Plantarum*, Vol. 38, No. 11, 2016, Art. No. 262 - SCI ; SCOPUS

[o1] 2016 Liu, R.Y. - Dong, X.C. - Gu, W.T. - Yu, L.X. - Jin, W.J. - Qu, Y. - Zhang, F. - Li, W.J.: *Scientia Horticulturae*, Vol. 213, December, 2016, s. 303-313 - SCI ; SCOPUS

[o1] 2017 Rizwan, M. - Ali, S. - Qayyum, M.F. - Ok, Y.S. - Zia-ur-Rehman, M. - Abbas, Z. - Hannan, F.: *Environmental Geochemistry and Health*, Vol. 39, No. 2, Sp. Iss., 2017, s. 259-277 - SCI ; SCOPUS

[o1] 2017 Ji, X.H. - Liu, S.H. - Juan, H. - Bocharnikova, E.A. - Matichenkov, V.V.: *Environmental Science and Pollution Research*, Vol. 24, No. 11, 2017, s. 10740-10748 - SCI ; SCOPUS

[o1] 2017 Kollarova, K. - Vatehova, Z. - Kucerova, D. - Liskova, D.: *Environmental Science and Pollution Research*, Vol. 24, No. 18, 2017, s. 15340-15346 - SCI ; SCOPUS

- [o1] 2017 Xu, L. - Islam, F. - Ali, B. - Pei, Z.F. - Li, J.J. - Ghani, M.A. - Zhou, W.J.: 3 Biotech, Vol. 7, August, 2017, Art. No. 273 - SCI ; SCOPUS
- [o1] 2018 Wei, X. - Liu, Y.Q. - Zhan, Q. - Zhang, P.B. - Zhao, D.D. - Xu, B. - Bocharnikova, E. - Matichenkov, V.: Paddy and Water Environment, Vol. 16, No. 1, 2018, s. 173-181 - SCI
- [o1] 2018 Pereira, T.S. - Pereira, T.S. - Souza, C.L.F.D. - Lima, E.J.A. - Batista, B.L. - Lobato, A.K.D.: Physiology and Molecular Biology of Plants, Vol. 24, No. 1, 2018, s. 99-114 - SCI
- [o1] 2018 Gaion, L.A. - Lorevice, P.G. - Monteiro, C.C. - Gavassi, M.A. - D'Amico-Damiao, V. - Gratao, P.L. - Gasparino, E.C. - Carvalho, R.F.: Bragantia, Vol. 77, No. 1, 2018, s. 13-22 - SCI
- [o1] 2018 Guo, L. - Chen, A.T. - He, N. - Yang, D. - Liu, M.D.: Journal of Soils and Sediments, Vol. 18, No. 4, 2018, s. 1691-1700 - SCI
- [o1] 2018 Liu, D. - Liu, M. - Liu, X.L. - Cheng, X.G. - Liang, Z.W.: Frontiers in Plant Science, Vol. 9, May, 2018, Art. No. 716 - SCI
- [o1] 2018 Alzahrani, Y. - Kusvuran, A. - Alharby, H.F. - Kusvuran, S. - Rady, M.M.: Ecotoxicology and Environmental Safety, Vol. 154, June, 2018, s. 187-196 - SCI

ADC15 Vaculík, Marek [UKOPRBFR] (50%) - Mrázová, Anna (40%) - Lux, Alexander [UKOPRBFR] (10%): Antimony (SbIII) reduces growth, declines photosynthesis, and modifies leaf tissue anatomy in sunflower (*Helianthus annuus* L.)
Lit.: 31 zázň., 5 obr., 3 tab.

In: Environmental Science and Pollution Research. - Vol. 22, No. 23 (2015), s. 18699-18706. - ISSN 0944-1344

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2015=2,760

Kvartil Q:

wos-jcr -- Q1 [environmental sciences] -- 2014

Ohlasy (2):

[o1] 2016 Jankovská, I. - Sloup, V. - Száková, J. - Langrová, I. - Sloup, S.: Environmental Science and Pollution Research, Vol. 23, No. 19, 2016, s. 19126-19133 - SCOPUS

[o1] 2017 Ortega, A. - Garrido, I. - Casimiro, I. - Espinosa, F.: PLoS ONE, Vol. 12, No. 9, 2017, Art. No. e0183991 - SCI ; SCOPUS

ADC16 Vaculíková, Miroslava [UKOPRSV] (40%) - Vaculík, Marek [UKOPRBFR] (20%) - Tandy, Susan (10%) - Luxová, Miroslava (10%) - Schulin, Rainer (20%): Alleviation of antimonate (SbV) toxicity in maize by silicon (Si)
Lit.: 46 zázň., 5 obr., 1 tab.

In: Environmental and Experimental Botany. - Vol. 128, August (2016), s. 11-17. - ISSN 0098-8472

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2016=4,369

Kvartil Q:

wos-jcr -- Q1 [plant sciences] ; Q1 [environmental sciences] -- 2016

Ohlasy (3):

[o1] 2017 Zhang, L. - Yang, Q. - Wang, S. - Li, W. - Jiang, S. - Liu, Y.: Ecotoxicology and Environmental Safety, Vol. 144, October, 2017, s. 572-577 - SCI ; SCOPUS

[o1] 2017 Muneer, S. - Park, Y.G. - Kim, S. - Jeong, B.R.: Journal of Plant Growth Regulation, Vol. 36, No. 4, 2017, s. 836-845 - SCI ; SCOPUS

[o1] 2018 Pereira, T.S. - Pereira, T.S. - Souza, C.L.F.D. - Lima, E.J.A. - Batista, B.L. - Lobato, A.K.D.: Physiology and Molecular Biology of Plants, Vol. 24, No. 1, 2018, s. 99-114 - SCI

ADC17 Vadkertiová, Renáta (45%) - Molnárová, Jana (25%) - Lux, Alexander [UKOPRBFR] (5%) - Vaculík, Marek [UKOPRBFR] (20%) - Lišková, Desana (5%): Yeasts associated with an abandoned mining area in Pernek and their tolerance to different chemical elements
Lit.: 64 zázň., 4 tab.

In: Folia Microbiologica (Praha). - Vol. 61, No. 3 (2016), s. 199-207. - ISSN 0015-5632

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2016=1,521

Kvartil Q:

wos-jcr -- Q3 [biotechnology and applied microbiology] ; Q4 [microbiology] -- 2016

Ohlasy (2):

[o1] 2016 Russo, G. - Libkind, D. - Giraudo, M.R. - Delgado, O.D.: Journal of Basic Microbiology, Vol. 56, No. 11, 2016, s. 1203-1211 - SCI

[o1] 2017 Crognale, S. - D'Annibale, A. - Pesciaroli, L. - Stazi, S.R. - Petruccioli, M.: Frontiers in Microbiology, Vol. 8, November, 2017, Art. No. 2202 - SCI ; SCOPUS

ADC18 Bokor, Boris [KAUT] [UKOVV] (25%) - Ondoš, Slavomír [UKOPRZH] (25%) - Vaculík, Marek [UKOPRBFR] (25%) - Bokorová, Silvia (5%) - Weidinger, Marieluise (5%) - Lichtscheidl, Irene (5%) - Turňa, Ján [UKOPRBMB] (5%) - Lux, Alexander [UKOPRBFR] (5%): Expression of Genes for Si Uptake, Accumulation, and Correlation of Si with Other Elements in Ionome of Maize Kernel

Lit.: 56 zázň., 6 obr., 1 tab.

In: Frontiers in Plant Science [elektronický zdroj]. - Vol. 8, June (2017), Art. No. 1063 [12 s.] [online]. - ISSN 1664-462X

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2017= [2016-4,291]

Kvartil Q:

wos-jcr -- Q1 [plant sciences] -- 2016

ADC19 Singh, Shweta (30%) - Tripathi, Durgesh Kumar (15%) - Singh, Swati (5%) - Sharma, Shivesh (5%) - Dubey, Nawal Kishore (15%) - Chauhan, Devendra Kumar (15%) - Vaculík, Marek [UKOPRBFR] (15%): Toxicity of aluminium on various levels of plant cells and organism: A review

Lit.: 214 zázň., 5 obr., 1 tab.

In: Environmental and Experimental Botany. - Vol. 137, May (2017), s. 177-193. - ISSN 0098-8472

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2017= [2016-4,369]

Kvartil Q:

wos-jcr -- Q1 [plant sciences] ; Q1 [environmental sciences] -- 2016

Ohlasy (14):

[o1] 2017 Pontigo, S. - Godoy, K. - Jiménez, H. - Gutiérrez-Moraga, A. - Mora, M.D.L.L. - Cartes, P.: Frontiers in Plant Science, Vol. 8, April, 2017, Art. No. 642 - SCI ; SCOPUS

[o1] 2017 Kováts, N. - Horváth, E. - Eck-Varanka, B. - Csajbók, E. - Hoffer, A.: Environmental Science and Pollution Research, Vol. 24, No. 18, 2017, s. 15291-15298 - SCI ; SCOPUS

[o1] 2017 Marques, D.N. - Reis, S.P.D. - de Souza, C.R.B.: Plant Gene, Vol. 11, September, 2017, s. 170-179 - SCI ; SCOPUS

[o1] 2017 Prasad, R. - Gupta, N. - Kumar, M. - Kumar, V. - Wang, S. - Abd-Elsalam, K.A.: Nanomaterials act as plant defense mechanism. In: Nanotechnology: Food and Environmental Paradigm. Singapore : Springer, 2017, S. 253-269 - SCOPUS

[o1] 2017 Li, D. - Shu, Z. - Ye, X. - Zhu, J. - Pan, J. - Wang, W. - Chang, P. - Cui, C. - Shen, J. - Fang, W. - Zhu, X. - Wang, Y.: Plant Physiology and Biochemistry, Vol. 119, October, 2017, s. 265-274 - SCI ; SCOPUS

[o1] 2017 Farid, M. - Ali, S. - Rizwan, M. - Ali, Q. - Abbas, F. - Bukhari, S.A.H. - Saeed, R. - Wu, L.: Ecotoxicology and Environmental Safety, Vol. 145, November, 2017, s. 90-102 - SCI ; SCOPUS

[o1] 2017 Rodrigues, A.A. - Vasconcelos-Filho, S.C. - Rodrigues, C.L. - Rodrigues, D.A. - Silva, G.P. - De Fátima Sales, J. - Nascimento, K.J.T. - Teles, E.M.G. - Rehn, L.S.: Flora: Morphology, Distribution, Functional Ecology of Plants, Vol. 236-237, November, 2017, s. 9-14 - SCI ; SCOPUS

[o1] 2017 Olatunji, D. - Geelen, D. - Verstraeten, I.: International Journal of Molecular Sciences, Vol. 18, No. 12, 2017, Art. No. 2587 - SCI ; SCOPUS

[o1] 2018 Gouda, S. - Kerry, R.G. - Das, G. - Paramithiotis, S. - Shin, H.-S. - Patra, J.K.: Microbiological Research, Vol. 206, January, 2018, s. 131-140 - SCI ; SCOPUS

- [o1] 2018 Smith, J.F.N. - Botha, A. - Hardie, A.G.: Soil Research, Vol. 56, No. 3, 2018, s. 252-263 - SCI
- [o1] 2018 Kaur, B. - Kaur, N. - Kumar, S.: Coordination Chemistry Reviews, Vol. 358, March, 2018, s. 13-69 - SCI
- [o1] 2018 Pech-Ku, R. - Munoz-Sanchez, J.A. - Monforte-Gonzalez, M. - Vazquez-Flota, F. - Rodas-Junco, B.A. - Gonzalez-Mendoza, V.M. - Hernandez-Sotomayor, S.M.T.: Journal of Inorganic Biochemistry, Vol. 181, April, 2018, s. 177-182 - SCI
- [o1] 2018 Nikalje, G.C. - Suprasanna, P.: Frontiers in Plant Science, Vol. 9, June, 2018, Art. No. 777 - SCI
- [o1] 2018 Dragicevic, I. - Eich-Greatorex, S. - Sogn, T.A. - Horn, S.J. - Krogstad, T.: Journal of Environmental Management, Vol. 217, July, 2018, s. 12-22 - SCI

ADD Vedecké práce v domácich karentovaných časopisoch

ADD01 Stoláriková, Miroslava (40%) - Vaculík, Marek [UKOPRBFR] (30%) - Lux, Alexander [UKOPRBFR] (10%) - Di Baccio, Daniela (5%) - Minnocci, Antonio (5%) - Andreucci, Andrea (5%) - Sebastiani, Luca (5%): Anatomical differences of poplar (*Populus xeuramericana* clone I-214) roots exposed to zinc excess

Lit.: 32 zázň., 5 obr., 2 tab.

In: *Biologia*. - Vol. 67, No. 3 (2012), s. 483-489. - ISSN 0006-3088

Indikátor časopisu:

IF (JCR) 2012=0,506

Ohlasy (13):

[o1] 2013 Gaetani, M. - Lulli, F. - Andreucci, A. - Masini, A. - Vittori, G. - Volterrani, M.: Propagation of Ornamental Plants, Vol. 13, No. 2, 2013, s. 57-64 - SCI ; SCOPUS

[o1] 2013 Tognetti, R. - Coccozza, C. - Marchetti, M.: IForest, Vol. 6, January, 2013, s. 37-47 - SCI ; SCOPUS

[o1] 2014 Coccozza, C. - Vitullo, D. - Lima, G. - Maiuro, L. - Marchetti, M. - Tognetti, R.: Environmental Science and Pollution Research, Vol. 21, No. 3, 2014, s. 1796-1808 - SCI ; SCOPUS

[o1] 2014 Wan, X.M - Lei, M - Chen, T.B - Zhou, G.D - Yang, J - Zhou, X.Y - Zhang, X. - Xu, R.X.: Environmental Science and Pollution Research, Vol. 21, No. 1, 2014, s. 325-336 - SCI ; SCOPUS

[o1] 2014 Romeo, S. - Trupiano, D. - Ariani, A. - Renzone, G. - Scippa, G.S. - Scaloni, A. - Sebastiani, L.: Journal of Plant Physiology, Vol. 171, No. 12, 2014, s. 1054-1063 - SCI ; SCOPUS

[o1] 2015 Wang, P. - Chen, N.-L. - Zou, X.-H. - Ma, X.-Q. - Wu, P.-F.: Chinese Journal of Ecology, Vol. 34, No. 2, 2015, s. 550-556 - SCOPUS

[o1] 2015 Ben Ammar, W. - Zarrouk, M. - Nouairi, I.: *Biologia*, Vol. 70, No. 2, 2015, s. 198-207 - SCI ; SCOPUS

[o1] 2015 Rossi, L. - Francini, A. - Minnocci, A. - Sebastiani, L.: *Scientia Horticulturae*, Vol. 192, August, 2015, s. 38-46 - SCI ; SCOPUS

[o1] 2015 Lucisine, P. - Lecerf, A. - Danger, M. - Felten, V. - Aran, D. - Auclerc, A. - Gross, E.M. - Huot, H. - Morel, J.L. - Muller, S. - Nahmani, J. - Maunoury-Danger, F.: *Science of the Total Environment*, Vol. 537, December, 2015, s.213-224 - SCI ; SCOPUS

[o1] 2016 Luo, Z.-B. - He, J. - Polle, A. - Rennenberg, H.: *Biotechnology Advances*, Vol. 34, No. 6, 2016, s. 1131-1148 - SCOPUS

[o1] 2017 Rossi, L. - Zhang, W. - Ma, X.: *Environmental Pollution*, Vol. 229, October, 2017, s. 132-138 - SCI ; SCOPUS

[o1] 2017 Iori, V. - Pietrini, F. - Bianconi, D. - Mughini, G. - Massacci, A. - Zacchini, M.: *IForest*, Vol. 10, No. 2, 2017, s. 416-421 - SCI ; SCOPUS

[o1] 2017 Rossi, L. - Zhang, W.L. - Schwab, A.P. - Ma, X.M.: *Environmental Science&Technology*, Vol. 51, No. 21, 2017, s. 12815-12824 - SCI

ADF Vedecké práce v ostatných domácich časopisoch

ADF01 Jurkovič, Ľubomír [UKOPREGE] (20%) - Šottník, Peter [UKOPRGLG] (20%) - Fľaková, Renáta [UKOPRGHY] (20%) - Jankulár, Michal [UKOPREGE] (20%) - Ženišová, Zlatica [UKOPRGHY] (10%) - Vaculík, Marek [UKOPRBFR] (10%): Opustené Sb ložisko Poproč – zdroj kontaminácie prírodných zložiek v povodí Olšavy

Lit.: 54 zázň., 4 obr., 4 tab.

In: *Mineralia Slovaca*. - Vol. 42, No. 1 (2010), s. 109-120. - ISSN 0369-2086

Ohlasy (13):

[o4] 2010 Matejkovič, P. - Bašteek, A.: Zhodnotenie zaľáženia pôd rizikovými prvkami v oblasti opusteného Sb-ložiska Pernek a ich vplyv na životné prostredie. In: *Cambelove dni 2010*. Bratislava : Univerzita Komenského, 2010, S. 41-45

- [o4] 2011 Bačová, N.: Chemické zloženie banských vôd oblasti Medzev - Poproč - Zlatá Idka. In: Geochémia 2011. Bratislava : Štátny geologický ústav Dionýza Štúra, 2011, S. 15
- [o1] 2012 Lalinská-Voleková, B. - Majzlan, J. - Klimko, T. - Chovanovan, M. - Kucerová, G. - Michnová, J. - Hovoric, R. - Göttlicher, J. - Steininger, R.: Canadian Mineralogist, Vol. 50, No. 2, 2012, s. 481-500 - SCOPUS
- [o4] 2011 Čurlík, J.: Potenciálne toxické stopové prvky a ich distribúcia v pôdach Slovenska. Bratislava : Jaroslav Suchoň-Suma print, 2011, S. 437
- [o3] 2011 Littera, P.: Kontaminácia pitnej vody arzénom: prehľad najviac zaťažených oblastí sveta a niekoľko príkladov zo Slovenska. In: Arzén - výskyt, metabolizmus, toxicita, analytické stanovenie a využitie v didaktike. Ostrava : Technická univerzita Ostrava, 2011, S. 20
- [o4] 2014 Jesenák, K. - Kadlečíková, M. - Breza, J. - Hubeňák, M. - Kolmačka, M. - Bálintová, M.: Syntéza uhlíkových nanorúrok na odpadoch po ťažbe rudných surovín na Slovensku. In: Geochémia 2014. Bratislava : Štátny geologický ústav Dionýza Štúra, 2014, S. 85
- [o3] 2015 Klimko, T.: Mineralogical and geochemical study of mine waste weathering products. Ostrava : Technical university of Ostrava, 2015, S. 85
- [o4] 2015 Juhásová, J. - Čerňanský, S. - Beláková, E. - Šimonovičová, A.: Bioakumulácia a biovolatilizácia arzénu a antimónu z kontaminovaných pôd v laboratórnych podmienkach. In: Acta Environmentalica Universitatis Comenianae, roč. 23, č. 2, 2015, s. 34
- [o4] 2015 Šimonovičová, A. - Čerňanský, S. - Peťková, K.: Mikrobiologická charakteristika opusteného antimónového ložiska na lokalite Poproč. In: Geochémia 2015. Bratislava : Štátny geologický ústav Dionýza Štúra, 2015, S. 159
- [o1] 2015 Bellová, R. - Tomčíková, I.: International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Vol. 1, No. 5. Sofia : STEF 92 Technology, 2014, S. 161-168 - SCOPUS
- [o4] 2016 Šimonovičová, A. - Čerňanský, S.: Mikroskopické vláknité huby izolované z pôdy a z odkaliska opusteného antimónového ložiska na lokalite Poproč a ich enzymatická aktivita. In: Geochémia 2016. Zborník vedeckých príspevkov z konferencie. Bratislava : Štátny geologický ústav Dionýza Štúra, 2016, S. 148
- [o4] 2016 Hredzák, S. - Zubrik, A. - Lovás, M. - Matik, M. - Dolinská, S. - Znamenáčková, I. - Bendek, F.: Cadmium: a brief review. In: Situation in ecologically loaded regions of Slovakia and Central Europe. Košice : Slovenská banícka spoločnosť ZSVTS, 2016, S. 157
- [o4] 2017 Boturová, K. - Blinková, M. - Babičová, A.: Význam identifikácie izolovaných mikroorganizmů z antimonového odkališťa Poproč. In: Geochémia 2017. Zborník vedeckých príspevkov z konferencie. Bratislava : Štátny geologický ústav Dionýza Štúra, 2017, S. 14

Štatistika kategórií (Záznamov spolu: 91, z nich je v prehľade uvedených 25):

- ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách (2)
- ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)
- ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách (1)
- ADC Vedecké práce v zahraničných karentovaných časopisoch (19)
- ADD Vedecké práce v domácich karentovaných časopisoch (1)
- ADF Vedecké práce v ostatných domácich časopisoch (1)

Štatistika ohlasov (663):

- [o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (626)
- [o2] Citácie v domácich publikáciách registrované v citačných indexoch (5)
- [o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (12)
- [o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (20)

Štatistika kategórií prác nezaraďených do prehľadu (Záznamov spolu: 66):

- AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (1)
- AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (1)
- AFC Publikované príspevky na zahraničných vedeckých konferenciách (9)
- AFD Publikované príspevky na domácich vedeckých konferenciách (24)
- AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (15)
- AFH Abstrakty príspevkov z domácich vedeckých konferencií (8)
- AFL Postery z domácich konferencií (1)
- AGI Správy o vyriešených vedeckovýskumných úlohách (1)
- BDF Odborné práce v ostatných domácich časopisoch (1)
- BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (5)