

Zoznam publikačnej činnosti

RNDr. Zuzana Lukačová, PhD.

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

ABA01 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.]

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Lukačová, Zuzana [UKOPRBFr] (80%) - Lux, Alexander [UKOPRBFr] (20%): Silicon Influence on Maize, *Zea mays* L., Hybrids Exposed to Cadmium Treatment
Lit.: 17 zázň., 11 obr., 2 tab.
In: Bulletin of Environmental Contamination and Toxicology. - Vol. 85, No. 3 (2010), s. 243-250. - ISSN 0007-4861
Indikátor časopisu:
IF (JCR) 2010=1,139
Kvartil Q:
wos-jcr -- Q3 [environmental sciences] -- 2010
wos-jcr -- Q4 [toxicology] -- 2010
Ohlasy (44):
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ADC02 Lukačová, Zuzana [UKOPRBFR] (70%) - Švubová, Renáta [UKOPRBFR] (15%) - Kohanová, Jana [UKOPRBFR] (5%) - Lux, Alexander [UKOPRBFR] (10%): Silicon mitigates the Cd toxicity in maize in relation to cadmium translocation, cell distribution, antioxidant enzymes stimulation and enhanced endodermal apoplasmic barrier development

Lit.: 64 zázn., 16 obr., 5 tab.

In: Plant Growth Regulation. - Vol. 70, No. 1 (2013), s. 89-103. - ISSN 0167-6903

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2013=1,625

Kvartil Q:

wos-jcr -- Q2 [plant science] -- 2013

Ohlasy (77):

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- [o1] 2019 Luyckx, M. - Berni, R. - Cai, G. - Lutts, S. - Guerriero, G.: *Impact of heavy metals on non-food herbaceous crops and prophylactic role of si*. In: *Plant Metallomics and Functional Omics: A System-Wide Perspective*. New York : Springer International Publishing, 2019, S. 303-321 - SCOPUS
- [o1] 2020 Ivanov, A.A. - Kosobryukhov, A.A.: *Ecophysiology of plants under cadmium toxicity: Photosynthetic and physiological responses*. In: *Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives I: General Consequences and Plant Responses*. Singapore : Springer Singapore, 2020, S. 429-484 - SCOPUS
- [o1] 2020 Wang, J. - Lu, X. - Zhang, J. - Ouyang, Y. - Wei, G. - Xiong, Y.: *Journal of Hazardous Materials*, Vol. 394, July, 2020, Art. No. 122505 - SCOPUS ; SCI
- [o1] 2020 Shafeeq-ur-Rahman Xuebin -, Q. Yatao -, X. Ahmad -, M.I. Shehzad -, M. Zain -, M. -: *Journal of Soil Science and Plant Nutrition*, Vol. 20, No. 3, 2020, s. 1110-1121 - SCOPUS ; SCI
- [o1] 2020 Labancova, E. - Vivodova, Z. - Kucerova, D. - Liskova, D. - Kollarova, K.: *Ecotoxicology*, Vol. 29, No. 7, 2020, s. 987-1002 - SCOPUS ; SCI
- [o1] 2020 Zexer, N. - Elbaum, R.: *Journal of Experimental Botany*, Vol. 71, No. 21, 2020, s. 6818-6829 - SCOPUS ; SCI
- [o1] 2020 Kreszies, T. - Kreszies, V. - Ly, F. - Thangamani, P.D. - Shellakkutti, N. - Schreiber, L.: *Journal of Experimental Botany*, Vol. 71, No. 21, 2020, s. 6799-6806 - SCOPUS ; SCI
- [o1] 2021 Shah, A.A. - Aslam, S. - Akbar, M. - Ahmad, A. - Khan, W.U. - Yasin, N.A. - Ali, B. - Rizwan, M. - Ali, S.: *Plant Physiology and Biochemistry*, Vol. 158, January, 2021, s. 1-12 - SCOPUS ; SCI
- [o1] 2021 Yadav, V. - Arif, N. - Kovac, J. - Singh, V.P. - Tripathi, D.K. - Chauhan, D.K. - Vaculik, M.: *Plant Physiology and Biochemistry*, Vol. 159, February, 2021, s. 100-112 - SCOPUS ; SCI

- [o1] 2021 Kumar, S. - Natalio, F. - Elbaum, R.: Journal of Structural Biology, Vol. 213, No. 1, 2021, Art. No. 107665 - SCOPUS ; SCI
- [o1] 2021 Gheshlaghpour, J. - Asghari, B. - Khademian, R. - Sedaghati, B.: Industrial Crops and Products, Vol. 163, May, 2021, Art. No. 113338 - SCOPUS
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- [n1] 2021 Zaman, Q.U. - Rashid, M. - Nawaz, R. - Hussain, A. - Ashraf, K. - Latif, M. - Heile, A.O. - Mehmood, F. - Salahuddin, S. - Chen, Y.: Silicon fertilization: A step towards cadmium-free fragrant rice. In: Plants, Vol. 10, No. 11, 2021, art. no. 2440 - SCOPUS
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- [n1] 2021 Mišúthová, A. - Slovákova, L. - Kollárová, K. - Vaculík, M.: Plant Physiology and Biochemistry, Vol. 2021, No. 168, 2021, s. 155-166 - SCOPUS
- [n1] 2021 Alam, P. - Balawi, T.H. - Altalayan, F.H. - Hatamleh, A.A. - Ashraf, M. - Ahmad, P.: Silicon attenuates the negative effects of chromium stress in tomato plants by modifying antioxidant enzyme activities, ascorbate glutathione cycle and glyoxalase system. In: Acta Physiologica Plantarum, Vol. 43, No. 7, 2021, art. no. 110 - SCOPUS
- [n1] 2021 Thind, S. - Hussain, I. - Rasheed, R. - Ashraf, M.A. - Perveen, A. - Ditta, A. - Hussain, S. - Khalil, N. - Ullah, Z. - Mahmood, Q.: Alleviation of cadmium stress by silicon nanoparticles during different phenological stages of Ujala wheat variety. In: Arabian Journal of Geosciences, Vol. 14, No. 11, 2021, art. no. 1028 - SCOPUS
- [n1] 2022 Akhter, N. - Habiba, O. - Hina, M. - Shahnaz, M.M. - Alzuaibr, F.M. - Alamri, S. - Hashem, M. - Khalid, N. - Aqeel, M. - Noman, A.: Structural, Biochemical, and Physiological Adjustments for Toxicity Management, Accumulation, and Remediation of Cadmium in Wetland Ecosystems by *Typha domingensis* Pers. In: Water, Air, and Soil Pollution, Vol. 233, No. 5, 2022, art. no. 151 - SCOPUS
- [n1] 2022 Kiany, T. - Pishkar, L. - Sartipnia, N. - Iranbakhsh, A. - Barzin, G.: Effects of silicon and titanium dioxide nanoparticles on arsenic accumulation, phytochelatin metabolism, and antioxidant system by rice under arsenic toxicity. In: Environmental Science and Pollution Research, Vol. 29, No. 23, 2022, s. 34725-34737 - SCOPUS
- [n1] 2022 Zexer, N. - Elbaum, R.: Hydrogen peroxide modulates silica deposits in sorghum roots. In: Journal of Experimental Botany, Vol. 73, No. 5, 2022, s. 1450-1463 - SCOPUS
- [n1] 2022 Zulfiqar, U. - Ayub, A. - Hussain, S. - Waraich, E.A. - El-Esawi, M.A. - Ishfaq, M. - Ahmad, M. - Ali, N. - Maqsood, M.F.: Cadmium Toxicity in Plants: Recent Progress on Morpho-physiological Effects and Remediation Strategies. In: Journal of Soil Science and Plant Nutrition, Vol. 22, No. 1, 2022, s. 212-269 - SCOPUS
- [n1] 2021 Azam, S.K. - Karimi, N. - Souri, Z. - Vaculík, M.: Multiple effects of silicon on alleviation of arsenic and cadmium toxicity in hyperaccumulator *Isatis cappadocica* Desv. In: Plant Physiology and Biochemistry, Vol. 2021, No. 168, 2021, s. 177-187 - SCOPUS
- [n1] 2021 Bokor, B. - Santos, C.S. - Kostolani, D. - Machado, J. - da Silva, M.N. - Carvalho, S.M.P. - Vaculik, M. - Vasconcelos, M.W.: Mitigation of climate change and environmental hazards in plants: Potential role of the beneficial metalloid silicon. In: Journal of Hazardous Materials, Vol. 416, 2021, Art. No. 126193 - SCOPUS
- [n1] 2021 Singh, A. - Roychoudhury, A.: Silicon transporters in plants. In: Metal and Nutrient Transporters in Abiotic Stress. Amsterdam : Elsevier, 2021, S. 133-143 - SCOPUS
- [n1] 2022 Altaf, M.M. - Diao, X-p. - Altaf, M.A. - Rehman, Au. - Shakoore, A. - Khan, L.U. - Jan, B.L. - Ahmad, P.: Silicon-mediated metabolic upregulation of ascorbate glutathione (AsA-GSH) and glyoxalase reduces the toxic effects of vanadium in rice. In: Journal of hazardous Materials, Vol 436, 2022, art. no 129145 - SCOPUS ; SCI
- [n1] 2022 Noor-ul-Ain, N-u. - Haider, F.U. - Fatima, M. - Habiba, Y. - Zhou, Y. - Ming, R.: Genetic Determinants of Biomass in C-4 Crops: Molecular and Agronomic Approaches to Increase Biomass for Biofuels. In: Frontier in Plant Science, Vol13, 2022, art. no 839588 - SCOPUS ; SCI

ADC03 Blehová, Alžbeta [UKOPRBFR] (40%) - Švubová, Renáta [UKOPRBFR] (20%) - Lukačová, Zuzana [UKOPRBFR] (10%) - Moravčíková, Jana (10%) - Matušíková, Ildikó (20%): Transformation of sundew: pitfalls and promises
Lit.: 42 záz., 4 obr., 1 tab.

In: Plant Cell, Tissue and Organ Culture. - Vol. 12, No. 2 (2015), s. 681-687. - ISSN 0167-6857

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2015=2,390

Kvartil Q:

wos-jcr -- Q1 [plant sciences] -- 2015

wos-jcr -- Q2 [biotechnology & applied microbiology] -- 2015

Ohlasy (4):

[o1] 2018 Ellison, A.M. - Adamec, L.: Carnivorous Plants: Physiology, Ecology, and Evolution. New York : Oxford University Press, 2018, S. 1-510 - BKCI-S

[o1] 2019 Pavlovič, A. - Mithoefer, A.: Journal of Experimental Botany, Vol. 70, No. 13, 2019, s. 3379-3389 - SCI ; SCOPUS

[o1] 2021 Makowski, W. - Krolicka, A. - Nowicka, A. - Zwyrtkova, J. - Tokarz, B. - Pecinka, A. - Banasiuk, R. - Tokarz, K.M.: Applied Microbiology and Biotechnology, Vol. 105, No. 3, 2021, s. 1215-1226 - SCOPUS ; SCI

[n1] 2021 Hedrich, R. - Fukushima, K.: On the Origin of Carnivory: Molecular Physiology and Evolution of Plants on an Animal Diet. In: Annual Review of Plant Biology, Vol. 72, 2021, s. 133-153 - SCOPUS

ADC04 Bokor, Boris [UKOVP] (30%) - Bokorová, Silvia [UKOVP] (30%) - Ondoš, Slavomír [UKOPRZHG] (30%) - Švubová, Renáta [UKOPRBFR] (2%) - Lukačová, Zuzana [UKOPRBFR] (2%) - Hýblová, Michaela [UKOPRBMBd] (2%) - Szemes, Tomáš [UKOPRBMB] (2%) - Lux, Alexander [UKOPRBFR] (2%): Ionome and expression level of Si transporter genes (*Lsi1*, *Lsi2*, and *Lsi6*) affected by Zn and Si interaction in maize Lit.: 52 záz.n., 6 obr., 3 tab.

In: Environmental Science and Pollution Research. - Vol. 22, No. 9 (2015), s. 6800-6811. - ISSN 0944-1344

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2015=2,760

Kvartil Q:

wos-jcr -- Q2 [environmental sciences] -- 2015

Ohlasy (28):

[o1] 2015 Pontigo, S. - Ribera, A. - Gianfreda, L. - Mora, M.D. - Nikolic, M. - Cartes, P.: Platna, Vol. 242, No. 1, 2015, s. 23-37 - SCI

[o1] 2017 Sun, H. - Guo, J. - Duan, Y. - Zhang, T. - Huo, H. - Gong, H.: Physiologia Plantarum, Vol. 159, No. 2, 2017, s. 201-204 - SCI ; SCOPUS

[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] 2018 Suriagoda, L.D.B. - Dittert, K. - Lambers, H.: Pedosphere, Vol. 28, No. 3, 2018, s. 363-382 - SCI ; SCOPUS

[o1] 2018 Mousavi, S.M. - Moteszarehadeh, B. - Hosseini, H.M. - Alikhani, H. - Zolfaghari, A.A.: Environmental Geochemistry and Health, Vol. 40, No. 4, 2018, s. 1221-1235 - SCI

[o1] 2019 Zargar, S.M. - Mahajan, R. - Bhat, J.A. - Nazir, M. - Deshmukh, R.: 3 Biotech, Vol. 9, No. 3, 2019, Art. No. 73 - SCI ; SCOPUS

[o1] 2019 Markovich, O. - Kumar, S. - Cohen, D. - Addadi, S. - Fridman, E. - Elbaum, R.: Silicon, Vol. 11, No. 5, 2019, s. 2385-2391 - SCOPUS

[o1] 2020 Khanam, R. - Kumar, A. - Nayak, A.K. - Shahid, M. - Tripathi, R. - Vijayakumar, S. - Bhaduri, D. - Kumar, U. - Mohanty, S. - Panneerselvam, P. - Chatterjee, D. - Satapathy, B.S. - Pathak, H.: Science of the Total Environment, Vol.699, January, 2020, Art. No. 134330 - SCOPUS

[o1] 2020 Mandlik, R. - Thakral, V. - Raturi, G. - Shinde, S. - Nikolic, M. - Tripathi, D.K. - Sonah, H. - Deshmukh, R.: Journal of Experimental Botany, Vol. 71, No. 21, 2020, s. 6703-6718 - SCOPUS

[o1] 2020 Ligaba-Osena, A. - Guo, W. - Choi, S.C. - Limmer, M.A. - Seyfferth, A.L. - Hankoua, B.B.: Frontiers in Plant Science, Vol. 11, November, 2020, Art. No. 608503 - SCOPUS

[o1] 2020 Hu, J. - Li, Y. - Ryong Jeong, B.: Plants, Vol. 9, No. 5, 2020, Art. No. 569 - SCOPUS ; SCI

[o1] 2021 Chaiwong, N. - Rerkasem, B. - Pusadee, T. - Prom-u-thai, C.: Journal of the Science of Food and Agriculture, Vol. 101, No. 1, 2021, s. 220-228 - SCOPUS

- [o1] 2021 Katz, O. - Puppe, D. - Kaczorek, D. - Prakash, N.B. - Schaller, J.: Plants, Vol. 10, No. 4, 2021, Art. No. 652 - SCOPUS
- [n1] 2021 Ma, W. - Yue, L. - Chen, F. - Ji, H. - Fan, N. - Liu, M. - Xiao, Z. - Wang, Z.: Silica nanomaterials and earthworms synergistically regulate maize root metabolite profiles: Via promoting soil Si bioavailability. In: Environmental Science: Nano, Vol. 8, No. 12, 2021, s. 3865-3878 - SCOPUS
- [n1] 2021 Misuthova, A. - Slovakova, L. - Kollarova, K. - Vaculik, M.: Effect of silicon on root growth, ionomics and antioxidant performance of maize roots exposed to As toxicity. In: Plant Physiology and Biochemistry, Vol. 168, 2021, s.155-166 - SCOPUS
- [n1] 2021 Fan, X. - Zhou, X. - Chen, H. - Tang, M. - Xie, X.: Cross-Talks Between Macro- and Micronutrient Uptake and Signaling in Plants. In: Frontiers in Plant Science, Vol. 12, 2021, Art. No. 663477 - SCOPUS
- [n1] 2021 Fiala, R. - Fialova, I. - Vaculik, M. - Luxova, M.: Effect of silicon on the young maize plants exposed to nickel stress. In: Plant Physiology and Biochemistry, Vol. 166, 2021, s. 645-656 - SCOPUS
- [n1] 2021 Rajput, V.D. - Minkina, T. - Feizi, M. - Kumari, A. - Khan, M. - Mandzhieva, S. - Sushkova, S. - El-ramady, H. - Verma, K.K. - Singh, A. - van Hullebusch, E.D. - Singh, R.K. - Jatav, H.S. - Choudhary, R.: Effects of silicon and silicon-based nanoparticles on rhizosphere microbiome, plant stress and growth. In: Biology, Vol. 10, No. 8, 2021, Art. No. 791 - SCOPUS
- [n1] 2021 Pavlovic, J. - Kostic, L. - Bosnic, P. - Kirkby, E.A. - Nikolic, M.: Interactions of Silicon With Essential and Beneficial Elements in Plants. In: Frontiers in Plant Science, Vol. 12, 2021, Art. No. 697592 - SCOPUS
- [n1] 2021 Lesharadevi, K. - Parthasarathi, T. - Muneer, S.: Silicon biology in crops under abiotic stress: A paradigm shift and cross-talk between genomics and proteomics. In: Journal of Biotechnology, Vol. 333, 2021, s. 21-38 - SCOPUS
- [n1] 2021 Coskun, D. - Deshmukh, R. - Shivaraj, S.M. - Isenring, P. - Belanger, R.R.: Lsi2: A black box in plant silicon transport. In: Plant and Soil, Vol. 466, No. 1-2, 2021, s. 1-20 - SCOPUS
- [n1] 2022 Perez-Zavala, F.G. - Atriztan-Hernandez, K. - Martinez-Irastorza, P. - Oropeza-Aburto, A. - Lopez-Arredondo, D. - Herrera-Estrella, L.: Titanium nanoparticles activate a transcriptional response in Arabidopsis that enhances tolerance to low phosphate, osmotic stress and pathogen infection. In: Frontiers in Plant Science, Vol. 13, 2022, art. no 994523 - SCOPUS ; SCI
- [n1] 2022 Cermelj, A.M. - Fidersek, E. - Golob, A. - Marsic, N.K. - Mikus, K.V. - Germ, M.: Different Concentrations of Potassium Silicate in Nutrient Solution Affects Selected Growth Characteristics and Mineral Composition of Barley (*Hordeum vulgare* L.). In: Plants, Vol. 11, No. 11, 2022, art. no 1405 - SCOPUS ; SCI
- [n1] 2022 Chaiwong, N. - Pusadee, T. - Jamjod, S. - Prom-U-Thai, Ch.: Silicon Application Promotes Productivity, Silicon Accumulation and Upregulates Silicon Transporter Gene Expression in Rice. In: Plants, Vol. 11, No. 7, 2022, art. no 989 -SCOPUS ; SCI
- [n1] 2022 Mir, R.A. - Bhat, B.A. - Yousuf, H. - Islam, S.T. - Raza, A. - Rizvi, M.A. - Charagh, S. - Albaqami, M. - Sofi, P.A. - Zargar, S.M.: Multidimensional Role of Silicon to Activate Resilient Plant Growth and to Mitigate Abiotic Stress. In: Frontiers in Plant Science, Vol. 13, 2022, art. no. 819658 - SCOPUS ; SCI
- [n1] 2022 Chaiwong, N. - Prom-u-thai, C.: Significant Roles of Silicon for Improving Crop Productivity and Factors Affecting Silicon Uptake and Accumulation in Rice: a Review. In: Journal of Soil Science and Plant Nutrition, Vol. 22, No. 2, 2022, s. 1970-1982 - SCOPUS
- [n1] 2022 Yang, Z. - Chen, Z. - He, N. - Yang, D. - Liu, M.: Effects of Silicon and Iron Application on Arsenic Absorption and Physiological Characteristics of Rice (*Oryza sativa* L.). In: Bulletin of Environmental Contamination and Toxicology, Vol. 108, No. 6, 2022, s. 1046-1055 - SCOPUS
- [n1] 2022 Han, L.-N. - Wang, S.-J. - Chen, H., Ren, Y. Wang, X.-Y. - Hu, W.-T. - Tang, M.: Arbuscular mycorrhiza mitigates zinc stress on *Eucalyptus grandis* through regulating metal tolerance protein gene expression and ionome uptake. In: Frontiers in Plant Science, Vol. 13, 2022, art. no. 1022696 - SCOPUS

ADC05 Švubová, Renáta [UKOPRBFR] (35%) - Lukačová, Zuzana [UKOPRBFR] (35%) - Kaštier, Peter [UKOPRBFR] (10%) - Blehová, Alžbeta [UKOPRBFR] (20%): New aspects of dodder-tobacco interactions during haustorium development

Lit.: 50 záz., 7 obr.

In: Acta Physiologiae Plantarum. - Vol. 39, No. 3 (2017), Art. No. 66 [12 s.]. - ISSN 0137-5881

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

IF (JCR) 2017=1,438

Kvartil Q:

wos-jcr -- Q2 [plant sciences] -- 2017

Ohlasy (4):

[o1] 2018 Zagorchev, L.I. - Albanova, I.A. - Tosheva, A.G. - Li, J. - Teofanova, D.R.: *Planta*, Vol. 248, No. 3, 2018, s. 591-599 - SCI ; SCOPUS

[o1] 2018 Zagorchev, L.I. - Albanova, I.A. - Tosheva, A.G. - Li, J.M. - Teofanova, D.R.: *Plant Physiology and Biochemistry*, Vol. 132, November, 2018, s. 408-414 - SCI ; SCOPUS

[o1] 2019 Olsen, S. - Krause, K.: *Plant Methods*, Vol. 15, No. 1, 2019, Art. No. 88 - SCI ; SCOPUS

[n1] 2021 Brun, G. - Spallek, T. - Simier, P. - Delavault, P.: Molecular actors of seed germination and haustoriogenesis in parasitic weeds. In: *Plant Physiology*, Vol. 185, No. 4, 2021, s. 1270-1281 - SCOPUS

ADC06 Lukačová, Zuzana [UKOPRBFR] (40%) - Švubová, Renáta [UKOPRBFR] (40%) - Janikovicová, Simona (5%) - Volajová, Zuzana (5%) - Lux, Alexander [UKOPRBFR] (10%): Tobacco plants (*Nicotiana benthamiana*) were influenced by silicon and were not infected by dodder (*Cuscuta europaea*)
Lit.: 88 zázn.

In: *Plant Physiology and Biochemistry*. - č. 139 (2019), s. 179-190. - ISSN (print) 0981-9428

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2019=1,11

SNIP (SCOPUS) 2019=1,391

CiteScore (SCOPUS) 2019=6,1

IF (JCR) 2019=3.72

Kvartil Q:

wos-jcr -- Q1 [Plant sciences] -- 2019

scimago-sjr -- Q1 [Plant science] -- 2019

scimago-sjr -- Q2 [Genetics] -- 2019

scimago-sjr -- Q2 [Physiology] -- 2019

Ohlasy (3):

[o1] 2020 Vega, I. - Rumpel, C. - Ruiz, A. - De La Luz Mora, M. - Calderini, D.F. - Cartes, P.: *Agronomy*, Vol. 10, No. 8, 2020, Art. No. 1138 - SCOPUS ; SCI

[n1] 2021 Ahire, M.L. - Mundada, P.S. - Nikam, T.D. - Bapat, V.A. - Penna, S.: Multifaceted roles of silicon in mitigating environmental stresses in plants. In: *Plant Physiology and Biochemistry*, Vol. 2021, No. 169, 2021, s. 291-310 - SCOPUS

[n1] 2021 Raturi, G. Sharma, Y. - Rana, V. - Thakral, V. - Myaka, B. - Salvi, P. - Singh, M. - Dhar, H. - Deshmukh, R.: Exploration of silicate solubilizing bacteria for sustainable agriculture and silicon biogeochemical cycle. In: *Plant Physiology and Biochemistry*, Vol. 2021, No. 166, 2021, s. 827-838 - SCOPUS

ADC07 Lux, Alexander [UKOPRBFR] (12.5%) - Lukačová, Zuzana [UKOPRBFR] (12.5%) - Vaculík, Marek [UKOPRBFR] (12.5%) - Švubová, Renáta [UKOPRBFR] (12.5%) - Kohanová, Jana [UKOPRBFR] (12.5%) - Soukup, Milan (12.5%) - Martinka, Michal [UKOPRBFR] (12.5%) - Bokor, Boris [UKOVP] (12.5%): Silicification of Root Tissues [elektronický dokument]

Lit.: 176 zázn.

In: *Plants-Basel* [elektronický dokument]. - Roč. 9, č. 1 (2020), s. [1-20], Article Number: 111 [online]. - ISSN (online) 2223-7747

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2020=0,892

SNIP (SCOPUS) 2020=1,467

CiteScore (SCOPUS) 2020=2,2

IF (JCR) 2020=3.935

Kvartil Q:

wos-jcr -- Q1 [Plant sciences] -- 2020

scimago-sjr -- Q1 [Ecology] -- 2020

scimago-sjr -- Q1 [Ecology, evolution, behavior and systematics] -- 2020

scimago-sjr -- Q1 [Plant science] -- 2020

Ohlasy (14):

[o1] 2020 Hughes, H.J. - Hung, D.T. - Sauer, D.: Nutrient Cycling in Agroecosystems, Vol. 118, No. 1, September, 2020, s. 75-89 - SCI

[o1] 2020 Piperno, D.R. - McMichael, C.: Quaternary International, Vol. 565, November, 2020, s. 54-74 - SCOPUS ; SCI

[o1] 2021 Dhiman, P. - Rajora, N. - Bhardwaj, S. - Sudhakaran, S.S. - Kumar, A. - Raturi, G. - Chakraborty, K. - Gupta, O.P. - Devanna, B.N. - Tripathi, D.K. - Deshmukh, R.: Plant Physiology and Biochemistry, Vol. 162, May, 2021, s. 110-123 -SCOPUS

[n1] 2021 Wang, M. - Wang, R. - Mur, L.A.J. - Ruan, J. - Shen, Q. - Guo, S.: Functions of silicon in plant drought stress responses. In: Horticulture Research, Vol. 8, No. 1, 2021, art. no. 254 - SCOPUS

[n1] 2021 Putra, R. - Vandegeer, R.K. - Karan, S. - Powell, J.R. - Hartley, S.E. - Johnson, S.N.: Silicon enrichment alters functional traits in legumes depending on plant genotype and symbiosis with nitrogen-fixing bacteria. In: Functional Ecology, Vol. 35, No. 12, 2021, s. 2856-2869 - SCOPUS

[n1] 2021 Wang, D. - Hou, L. - Zhang, L. - Liu, P.: The mechanisms of silicon on maintaining water balance under water deficit stress. In: Physiologia Plantarum, Vol. 173, No. 3, 2021, s. 1253-1262 - SCOPUS

[n1] 2021 Saha, G. - Mostofa, M.G. - Rahman, M.M. - Tran, L.-S.P.: Silicon-mediated heat tolerance in higher plants: A mechanistic outlook. In: Plant Physiology and Biochemistry, Vol. 2021, No. 166, 2021, s. 314-347 - SCOPUS

[n1] 2021 Janeeshma, E. - Puthur, J.T. - Ahmad, P.: Silicon distribution in leaves and roots of rice and maize in response to cadmium and zinc toxicity and the associated histological variations. In: Physiologia Plantarum, Vol. 173, No. 1, 2021, 460-471 - SCOPUS

[n1] 2021 Ahammed, G.J. - Yang, Y.: Mechanisms of silicon-induced fungal disease resistance in plants. In: Plant Physiology and Biochemistry, Vol. 2021, No. 165, 2021, s. 200-206 - SCOPUS

[n1] 2021 Liu, W.-S. - Laird, J.S. - Ryan, C.G. - Tang, Y.-T. - Qiu, R.-L. - Echevarria, G. - Morel, J.-L. - Van Der Ent, A.: Rare earth elements, aluminium and silicon distribution in the fern *Dicranopteris linearis* revealed by pIXE Maiaanalysis. In: Annals of Botany, Vol. 128, No. 1, 2021, s. 17-30 - SCOPUS

[n1] 2021 Jiang, N.-H. - Zhang, S.-H.: Effects of combined application of potassium silicate and salicylic acid on the defense response of hydroponically grown tomato plants to *Ralstonia solanacearum* infection. In: Sustainability, Vol. 13, No.7, 2021, Art. No. 3750 - SCOPUS

[n1] 2021 Hadi, S.M.H.S.A. - Zakaria, L. - Sidique, S.N.M. - Mahyudin, M.M. - Nor, N.M.I.M.: The potential of soluble silicon for managing white root disease in rubber (*Hevea brasiliensis*). In: Australian Journal of Crop Science, Vol. 15, No.10, 2021, s. 1346-1354 - SCOPUS

[n1] 2022 Xiao, Z. - Ye, M. - Gao, Z. - Jiang, Y. - Zhang, X. - Nikolic, N. - Liang, Y.: Silicon Reduces Aluminum-Induced Suberization by Inhibiting the Uptake and Transport of Aluminum in Rice Roots and Consequently Promotes Root Growth. In: Plant and Cell Physiology, Vol. 63, No. 3, 2022, s. 340-352 - SCOPUS

[n1] 2022 Badgal, P. - Chowdhary, P. - Bhat, M.A. - Soodan, A.S.: Phytolith profile of *Acrachne racemosa* (B. Heyne ex Roem. & Schult.) Ohwi (Cynodonteae, Chloridoideae, Poaceae). In: PLoS ONE, Vol. 17, February, 2022, art. no. e0263721 - SCOPUS

ADC08 Vaculík, Marek [UKOPRBFR] (29%) - Lukačová, Zuzana [UKOPRBFR] (19%) - Bokor, Boris [UKOVP] (19%) - Martinka, Michal [UKOPRBFR] (9%) - Tripathi, Durgesh Kumar (5%) - Lux, Alexander [UKOPRBFR] (19%): Alleviation mechanisms of metal(loid) stress in plants by silicon : a review
Lit.: 174 záz.

In: Journal of Experimental Botany. - Roč. 71, č. 21 SI (2020), s. 6744-6757. - ISSN (print) 0022-0957

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2020=2,616

SNIP (SCOPUS) 2020=1,839

CiteScore (SCOPUS) 2020=9,7

IF (JCR) 2020=6,992

Kvartil Q:

wos-jcr -- Q1 [Plant sciences] -- 2020

scimago-sjr -- Q1 [Physiology] -- 2020

scimago-sjr -- Q1 [Plant science] -- 2020

Ohlasy (33):

[o1] 2020 Gomez-Merino, F.C. - Trejo-Tellez, L.I. - Garcia-Jimenez, A. - Escobar-Sepulveda, H.F. - Ramirez-Olvera, S.M.: PeerJ, Vol. 8, November, 2020, Art. No. e10053 - SCOPUS

[o1] 2020 Vega, I. - Rumpel, C. - Ruiz, A. - de la Luz Mora, M. - Calderini, D.F. - Cartes, P.: Agronomy, Vol. 10, No. 8, 2020, Art. No. 1138 - SCOPUS ; SCI

[o1] 2021 Khan, M.I.R. - Ashfaq, F. - Chhillar, H. - Irfan, M. - Khan, N.A.: Plant Physiology and Biochemistry, Vol. 162, May, 2021, s. 36-47 - SCOPUS

[o1] 2021 Zulfiqar, F. - Ashraf, M.: Plant Physiology and Biochemistry, Vol. 160, March, 2021, s. 257-268 - SCOPUS

[o1] 2021 Acevedo, F.E. - Peiffer, M. - Ray, S. - Tan, C.-W. - Felton, G.W.: Frontiers in Plant Science, Vol. 12, February, 2021, Art. No. 631824 - SCOPUS ; SCI

[o1] 2021 Mundada, P.S. - Barvkar, V.T. - Umdale, S.D. - Anil, Kumar S. - Nikam, T.D. - Ahire, M.L.: Journal of Hazardous Materials, Vol. 403, February, 2021, Art. No. 124078 - SCOPUS ; SCI

[o1] 2021 Arif, M.S. - Yasmeen, T. - Abbas, Z. - Ali, S. - Rizwan, M. - Aljarba, N.H. - Alkahtani, S. - Abdel-Daim, M.M.: Frontiers in Plant Science, Vol. 11, January, 2021, Art. No. 545453 - SCOPUS ; SCI

[n1] 2021 Gautam, A. - Pandey, A.K.: Aquaporins Responses under Challenging Environmental Conditions and Abiotic Stress Tolerance in Plants. In: Botanical Review, Vol. 87, No. 4, 2021, s. 467-495 - SCOPUS

[n1] 2021 Wang, D. - Hou, L. - Zhang, L. - Liu, P.: The mechanisms of silicon on maintaining water balance under water deficit stress. In: Physiologia Plantarum, Vol. 173, No. 3, 2021, s. 1253-1262 - SCOPUS

[n1] 2021 Etienne, P. - Trouverie, J. - Haddad, C. - Arkoun, M. - Yvin, J.-C. - Caius, J. - Brunaud, V. - Laine, P.: Root Silicon Treatment Modulates the Shoot Transcriptome in Brassica napus L. and in Particular Upregulates Genes Related to Ribosomes and Photosynthesis. In: Silicon, Vol. 13, No. 11, 2021, s. 4047-4055 - SCOPUS

[n1] 2021 Zhou, J. - Gao, M. - Cui, H. - Li, D. - Xia, R. - Wang, T. - Zhou, J.: Influence of Silicon and Selenium and Contribution of the Node to Cadmium Allocation and Toxicity in Rice. In: ACS Agricultural Science and Technology, Vol. 1, No. 5, 2021, s. 550-557 - SCOPUS

[n1] 2021 Wu, J. - Li, R. - Lu, Y. - Bai, Z.: Sustainable management of cadmium-contaminated soils as affected by exogenous application of nutrients: A review. In: Journal of Environmental Management, Vol. 2021, No. 295, 2021, art. no. 113081 - SCOPUS

[n1] 2021 Das, S. - Kim, G.W. - Lee, J.G. - Bhuiyan, M.S.I. - Kim, P.J.: Silicate fertilization improves microbial functional potentials for stress tolerance in arsenic-enriched rice cropping systems. In: Journal of Hazardous Materials, Vol. 2021, No. 417, 2021, art. no. 125953 - SCOPUS

[n1] 2021 Yang, S. - Ulhassan, Z. - Shah, A.M. - Khan, A.R. - Azhar, W. - Hamid, Y. - Hussain, S. - Sheteiwiy, M.S. - Salam, A. - Zhou, W.: Salicylic acid underpins silicon in ameliorating chromium toxicity in rice by modulating antioxidant defense, ion homeostasis and cellular ultrastructure. In: Plant Physiology and Biochemistry, Vol. 2021, No. 166, 2021, s. 1001-1013 - SCOPUS

[n1] 2021 Chandra, J. - Keshavkant, S.: Mechanisms underlying the phytotoxicity and genotoxicity of aluminum and their alleviation strategies: A review. In: Chemosphere, Vol. 2021, No. 278, 2021, art. no. 130384 - SCOPUS

[n1] 2021 Ranjan, A. - Sinha, R. - Bala, M. - Pareek, A. - Singla-Pareek, S.L. - Singh, A.K.: Silicon-mediated abiotic and biotic stress mitigation in plants: Underlying mechanisms and potential for stress resilient agriculture. In: Plant Physiology and Biochemistry, Vol. 2021, No. 163, 2021, s. 15-25 - SCOPUS

[n1] 2021 Arnao, M.B. - Ruiz, J.H.: Melatonin Against Environmental Plant Stressors: A Review. In: Current Protein and Peptide Science, Vol. 22, No. 5, 2021, s. 413-429 - SCOPUS

[n1] 2021 Mundada, P.S. - Ahire, M.L. - Umdale, S.D. - Barmukh, R.B. - Nikam, T.D. - Pable, A.A. - Deshmukh, R.K. - Barvkar, V.T.: Characterization of influx and efflux silicon transporters and understanding their role in the osmotic stress tolerance in finger millet (*Eleusine coracana* (L.) Gaertn.). In: Plant Physiology and Biochemistry, Vol. 2021, No. 162, 2021, s. 677-689 - SCOPUS

[n1] 2021 Ma, C. - Hao, Y. - Zhao, J. - Zuverza-Mena, N. - Meselhy, A.G. - Dhankher, O.P. - Rui, Y. - White, J.C. - Xing, B.: Graphitic carbon nitride (C₃N₄) reduces cadmium and arsenic phytotoxicity and accumulation in rice (*oryza sativa* L.). In: Nanomaterials, Vol. 11, No. 4, 2021, art. no. 839 - SCOPUS

[n1] 2022 Bijanzadeh, E. - Barati, V. - Egan, T.P.: Foliar application of sodium silicate mitigates drought stressed leaf structure in corn (*Zea mays* L.). In: South African Journal of Botany, Vol. 2022, No. 147, 2022, s. 8-17 - SCOPUS

- [n1] 2022 Bueno, A.M. - Flores, R.A. - de Brito Ferreira, E.P. - de Andrade, A.F. - de Lima, F.R.S. - de Souza Jr., J.P. - de Oliveira Abdala, K. - Mesquita, M. - de Mello Prado, R.: Effects of Foliar Silicon Application, Seed Inoculation and Splitting of N Fertilization on Yield, Physiological Quality, and Economic Viability of the Common Bean. In: *Silicon*, Vol. 14, No. 8, 2022, s. 4169-4181
- [n1] 2022 D'agostini, F. - Vadez, V. - Kholova, J. - Ruiz-Perez, J. - Madella, M. - Lancelotti, C.: Understanding the Relationship between Water Availability and Biosilica Accumulation in Selected C4 Crop Leaves: An Experimental Approach. In: *Plants*, Vol. 11, No. 8, 2022, art. no. 1019 - SCOPUS
- [n1] 2022 Mir, R.A. - Bhat, B.A. - Yousuf, H. - Islam, S.T. - Raza, A. - Rizvi, M.A. - Charagh, S. - Albaqami, M. - Sofi, P.A. - Zargar, S.M.: Multidimensional Role of Silicon to Activate Resilient Plant Growth and to Mitigate Abiotic Stress. In: *Frontiers in Plant Science*, Vol. 2022, No. 13, 2022, art. no. 819658 - SCOPUS
- [n1] 2022 Das, S. - Biswas, A.K.: Comparative study of silicon and selenium to modulate chloroplast pigments levels, Hill activity, photosynthetic parameters and carbohydrate metabolism under arsenic stress in rice seedlings. In: *Environmental Science and Pollution Research*, Vol. 29, No. 13, 2022, s. 19508-19529 - SCOPUS
- [n1] 2022 Ayed, S. - Othmani, A. - Bouhaouel, I. - Rasaa, N. - Othmani, S. - Amara, H.S.: Effect of Silicon (Si) Seed Priming on Germination and Effectiveness of its Foliar Supplies on Durum Wheat (*Triticum turgidum* L. ssp. durum) Genotypes under Semi-Arid Environment. In: *Silicon*, Vol. 14, No. 4, 2022, s. 1731-1741 - SCOPUS
- [n1] 2022 Schroder, P. - Mench, M. - Povilaitis, V. - Rineau, F. - Rutkowska, B. - Schloter, M. - Szulc, W. - Zydalis, R. - Loit, E.: Relaunch cropping on marginal soils by incorporating amendments and beneficial trace elements in an interdisciplinary approach. In: *Science of the Total Environment*, Vol. 2022, No. 803, 2022, art. no. 149844 - SCOPUS
- [n1] 2022 Čermelj, A.M. - Golob, A. - Vogel-Mikuš, K. - Germ, M.: Silicon mitigates negative impacts of drought and uv-b radiation in plants. In: *Plants*, Vol. 11, No. 1, 2022, art. no. 91 - SCOPUS
- [n1] 2022 Kumari, A. - Kumari, P. - Rajput, V.D. - Sushkova, S.N. - Minkina, T.: Metal(loid) nanosorbents in restoration of polluted soils: geochemical, ecotoxicological, and remediation perspectives. In: *Environmental Geochemistry and Health*, Vol. 44, No. 1, 2022, s. 235-246 - SCOPUS
- [n1] 2022 Cai, Y. - Pan, B. - Liu, B. - Cai, K. - Tian, J. - Wang, W.: The Cd sequestration effects of rice roots affected by different Si management in Cd-contaminated paddy soil. In: *Science of Total Environment*, Vol. 849, 2022, art. no.157718 - SCOPUS ; SCI
- [n1] 2022 Sattar, A. - Sher, A. - Abourehab, M.A.S. - Ijaz, M. - Nawaz, M. - Ul-Allah, S. - Abbas, T. - Shah, A.N. - Imam, M. - Abdelsalam, N.R. - Hasan, M E. - Abbas, A. - Javaid, M.M.: Application of silicon and biochar alleviates the adversities of arsenic stress in maize by triggering the morpho-physiological and antioxidant defense mechanisms. In: *Frontiers in Environmental Science*, Vol. 10, 2022, art. no. 979049 - SCOPUS ; SCI
- [n1] 2022 Rachappanavar, V. - Padiyal, A. - Sharma, J.K. - Gupta, S.K.: Plant hormone-mediated stress regulation responses in fruit crops: a review. In: *Scientia Horticulturae*, Vol. 304, 2022, art. no. 111302 - SCOPUS ; SCI
- [n1] 2022 Zhang, P. - Wei, X. - Zhang, Y. - Zhan, Q. - Bocharnikova, E. - Matichenkov, V.: Silicon-Calcium Synergetic Alleviation of Cadmium Toxicity in the Paddy Soil-Rice System: from Plot Experiment to Field Demonstration. In: *Water Air and Soil Pollution*, Vol. 233, No. 9, 2022, art. no. 357 - SCOPUS ; SCI
- [n1] 2022 Li, D. - Liu, H. - Gao, M. - Zhou, J. - Zhou, J.: Effects of soil amendments, foliar sprayings of silicon and selenium and their combinations on the reduction of cadmium accumulation in rice. In: *Pedosphere*, Vol. 32, No. 4, 2022, s.649-659 - SCOPUS; SCI

ADC09 Lukačová, Zuzana [UKOPRBFR] (40%) - Švubová, Renáta [UKOPRBFR] (25%) - Selveková, Patrícia (10%) - Hensel, Karol [UKOMFKAFZM] (25%): The Effect of Plasma Activated Water on Maize (*Zea mays* L.) under Arsenic Stress [elektronický dokument]

Lit.: 74 záz.

In: *Plants-Basel* [elektronický dokument]. - Roč. 10, č. 9 (2021), s. [1-20], art. no. 1899 [online]. - ISSN (online) 2223-7747

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2021=0,765

SNIP (SCOPUS) 2021=1,347

CiteScore (SCOPUS) 2021=3,6

IF (JCR) 2021=4.658

Kvartil Q:

wos-jcr -- Q1 [Plant sciences] -- 2021

scimago-sjr -- Q1 [Ecology, evolution, behavior and systematics] -- 2021

scimago-sjr -- Q1 [Plant science] -- 2021

scimago-sjr -- Q2 [Ecology] -- 2021

Ohlasy (1):

[n1] 2022 Mildaziene, V. - Sera, B.: Effects of Non-Thermal Plasma Treatment on Plant Physiological and Biochemical Processes. In: *Plants*, Vol. 11, No. 8, 2022, art. no. 1018 - SCOPUS

ADC10 Lukačová, Zuzana [UKOPRBFR] (60%) - Bokor, Boris [UKOVP] (20%) - Vávrová, Silvia [UKOPRBMB] (5%) - Šoltys, Katarína [UKOPRBMV] (5%) - Vaculík, Marek [UKOPRBFR] (10%): Divergence of reactions to arsenic (As) toxicity in tobacco (*Nicotiana benthamiana*) plants : a lesson from peroxidase involvement
Lit.: 50 záz.

In: *Journal of Hazardous Materials*. - č. 417 (2021), s. [1-11], art. no. 126049. - ISSN (print) 0304-3894

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2021=1,991

SNIP (SCOPUS) 2021=2,062

CiteScore (SCOPUS) 2021=14,7

IF (JCR) 2021=14.224

Kvartil Q:

wos-jcr -- Q1 [Environmental sciences] -- 2021

wos-jcr -- Q1 [Engineering, environmental] -- 2021

scimago-sjr -- Q1 [Environmental chemistry] -- 2021

scimago-sjr -- Q1 [Environmental engineering] -- 2021

scimago-sjr -- Q1 [Health, toxicology and mutagenesis] -- 2021

scimago-sjr -- Q1 [Pollution] -- 2021

scimago-sjr -- Q1 [Waste management and disposal] -- 2021

Ohlasy (5):

[n1] 2022 Singh, R. - Misra, A.N. - Sharma, P.: Genome wide transcriptional response of contrasting genotypes of industrial crop castor to As(V) stress: Identification of genes and mechanisms associated with As(V) tolerance. In: *Industrial Crops and Products*, Vol. 2022, No. 179, 2022, art. no. 114678 - SCOPUS

[n1] 2022 Zulfikar, F. - Ashraf, M.: Antioxidants as modulators of arsenic-induced oxidative stress tolerance in plants: An overview. In: *Journal of Hazardous Materials*, Vol. 2022, No. 427, 2022, art. no. 127891 - SCOPUS

[n1] 2022 Wang, D. - Li, J. - Yao, X. - Wu, Q. - Zhang, J. - Ye, J. - Xu, H. - Wu, Z. - Cai, D.: Tobacco Waste Liquid-Based Organic Fertilizer Particle for Controlled-Release Fulvic Acid and Immobilization of Heavy Metals in Soil. In: *Nanomaterials*, Vol. 12, No. 12, 2022, art. no. 2056 - SCOPUS

[n1] 2022 Ahmad, B. - Dar, T.A. - Khan, M.M.A. - Ahmad, A. - Rinklebe, J. - Chen, Y.L. - Ahmad, P.: Oligochitosan fortifies antioxidative and photosynthetic metabolism and enhances secondary metabolite accumulation in arsenic-stressed peppermint. In: *Frontiers in Plant Science*, Vol. 13, 2022, art. no. 987746 - SCOPUS ; SCI

[n1] 2022 Yang, G.L. - Zheng, M.M. - Liao, H.M. - Tan, A.J. - Feng, D. - Lv, S.M.: Influence of cadmium and microplastics on physiological responses, ultrastructure and rhizosphere microbial community of duckweed. In: *Ecotoxicology and Environmental Safety*, Vol. 243, 2022, art. no. 114011 - SCOPUS ; SCI

ADD Vedecké práce v domácích karentovaných časopisoch

ADD01 Lukačová, Zuzana [UKOPRBFR] (15%) - Líška, Denis [UKOPDDPP] (60%) - Bokor, Boris [UKOVP] (10%) - Švubová, Renáta [UKOPRBFR] (10%) - Lux, Alexander [UKOPRBFR] (5%): Silicon and cadmium interaction of maize (*Zea mays* L.) plants cultivated in vitro

Lit.: 74 záz.

In: *Biologia*. - Roč. 76, č. 9 (2021), s. 2721-2733. - ISSN (print) 0006-3088

Registrované v: scopus

Registrované v: wos

Indikátor časopisu:

SJR (SCOPUS) 2021=0,339

SNIP (SCOPUS) 2021=0,774

CiteScore (SCOPUS) 2021=2,1

IF (JCR) 2021=1.653

Kvartil Q:

wos-jcr -- Q3 [Biology] -- 2021

scimago-sjr -- Q3 [Animal science and zoology] -- 2021

scimago-sjr -- Q3 [Ecology, evolution, behavior and systematics] -- 2021

scimago-sjr -- Q3 [Plant science] -- 2021

scimago-sjr -- Q4 [Biochemistry] -- 2021

scimago-sjr -- Q4 [Cell biology] -- 2021

scimago-sjr -- Q4 [Genetics] -- 2021

scimago-sjr -- Q4 [Molecular biology] -- 2021

P1 Pedagogický výstup publikačnej činnosti ako celok

P101 Lukačová, Zuzana [UKOPRBFR] (100%) : Základy bioštatistiky : Sprievodca základnými štatistickými metódami pre biológov. - 1. vyd. - Bratislava : Ľubica Cibulková - LPC, 2022. - 148 s. [6,58 AH] [print]
Lit.: 6 záz.
ISBN 978-80-973923-1-4
Melicherčík, Igor [rec.]
Bokes, Pavol [rec.]
typ dokumentu: učebnica pre vysoké školy

V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka

V201 Kákoniová, Daniela (45% [0,41 AH]) - Múčková, Marta (5% [0,04 AH]) - Maliarová, M. (5% [0,04 AH]) - Lukačová, Zuzana [UKOPRBFR] (45% [0,41 AH]): Biotechnological production of secondary metabolites by *Taxus baccata* L. in vitro
Nevykazované UKO
Lit.: 31 záz.
In: Floriculture, Ornamental and Plant Biotechnology : Advances and Topical Issues : Roč. Volume 4. - Middlesex : Global Science Books, 2006. - S. 449-453 [0,9 AH]. - ISBN 978-4-903313-09-2
Anonymné recenzovanie uvedené v publikácii [rec.]
typ dokumentu: príspevok vo vedeckom zborníku

Štatistika kategórií (Záznamov spolu: 34):

ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách (1)

ADC Vedecké práce v zahraničných karentovaných časopisoch (10)

ADD Vedecké práce v domácich karentovaných časopisoch (1)

AFC Publikované príspevky na zahraničných vedeckých konferenciách (1)

AFD Publikované príspevky na domácich vedeckých konferenciách (2)

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (5)

AFH Abstrakty príspevkov z domácich vedeckých konferencií (2)

AFL Postery z domácich konferencií (2)

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie, ...) (2)

V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka (2)

O2 Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka (5)

P1 Pedagogický výstup publikačnej činnosti ako celok (1)

Štatistika ohlasov (213):

- [o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (132)
- [o2] Citácie v domácich publikáciách registrované v citačných indexoch (1)
- [o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (1)
- [n1] Citácia v publikácii registrovaná v citačných indexoch (79)

Výpis k 19.12.2022

Mgr. Ingrida Švecová, Ústredná knižnica-CKIPS