

Zoznam publikačnej činnosti

RNDr. Božena Šerá, PhD.

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Šerá, Božena [UKOPREKE] (100%) : Mezidruhové vzťahy rastlín z pohľadu jejích kořenových systémů
In: Kořenový systém rostlín pro 21. století. - Brno : Mendelova univerzita v Brně, 2018. - S. 89-100 [1,2 AH]. - ISBN 978-80-7509-645-6
Svejkovská, Adéla [rec.]
Dostál, Vítězslav [rec.]

ABC02 Šerá, Božena [UKOPREKE] (75%) - Masarovičová, Elena [UKOPREPE] (25%): Vztah podzemní a nadzemní části rostlín vzhledem k ekologickým strategiím
In: Kořenový systém rostlín pro 21. století. - Brno : Mendelova univerzita v Brně, 2018. - S. 47-60 [1,6 AH]. - ISBN 978-80-7509-645-6
Svejkovská, Adéla [rec.]
Dostál, Vítězslav [rec.]

ABC03 Šerá, Božena [UKOPREKE] (100%) : Problematika anatomie, morfologie a architektury podzemních orgánů ve vazbě na jejich funkce
In: Kořenový systém rostlín pro 21. století. - Brno : Mendelova univerzita v Brně, 2018. - S. 77-87 [1,1 AH]. - ISBN 978-80-7509-645-6
Svejkovská, Adéla [rec.]
Dostál, Vítězslav [rec.]

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Šerá, Božena [UKOPREKE] (80%) - Šerý, Michal (20%): Number and weight of seeds and reproductive strategies of herbaceous plants
Lit.: 59 zázň., 3 obr., 3 tab.
In: Folia Geobotanica. - Vol. 39, No. 1 (2004), s. 27-40. - ISSN 1211-9520
Registrované v: wos
Registrované v: scopus
Indikátor časopisu:
IF (JCR) 2004= -
Ohlasy (8):
[o1] 2016 Valko, O. - Deak, B. - Magura, T. - Torok, P. - Kelemen, A. - Toth, K. - Horvath, R. - Nagy, D.D. - Debnar, Z. - Zsigrai, G. - Kapocsi, I. - Tothmeresz, B.: Science of the Total Environment, Vol. 572, December, 2016, s. 1377-1384 -SCI
[o1] 2017 Kalusova, V. - Ceplova, N. - Lososova, Z.: Urban Ecosystems, Vol. 20, No. 1, 2017, s. 65-75 - SCI
[o1] 2018 Chaudron, C. - Perronne, R. - Di Pietro, F.: Applied Vegetation Science, Vol. 21, No. 1, 2018, s. 33-44 - SCI
[o1] 2018 Wang, Y.H. - Ma, Y.L. - Feng, G.J. - Feng, G.J. - Li, H.H.: Planta Daninha, Vol. 36, 2018, Art. No. e018166895 - SCI
[o1] 2018 Klinerova, T. - Tasevova, K. - Dostal, P.: Journal of Biogeography, Vol. 45, No. 7, 2018, s. 1550-1559 - SCI
[o1] 2018 Nishizawa, M. - Ohara, M.: Plant Species Biology, Vol. 33, No. 4, 2018, s. 289-304 - SCI
[o1] 2019 Hayafune, T. - Utech, F.H. - Ohara, M.: Plant Species Biology, Vol. 34, No. 1, 2019, s. 27-30 - SCI ; SCOPUS
[o1] 2019 Amartuvshin, N. - Hülber, K. - Plutzer, C. - Tserenbaljid, G.: Plant Biology, Vol. 21, No. 3, 2019, s. 559-562 - SCI ; SCOPUS

ADC02 Straňák, V. (55%) - Tichý, M. (10%) - Kříha, V. (10%) - Scholtz, V. (10%) - Šerá, Božena [UKOPREKE]

(10%) - Špatenka, P. (5%): Technological applications of surfatron produced discharge
Lit.: 18 zázň., 8 obr., 1 tab.

In: Journal of Optoelectronics and Advanced Materials. - Vol. 9, No. 4 (2007), s. 852-857. - ISSN 1454-4164
[7th International Balkan Workshop on Applied Physics. 7th, Constanta, 5.-7.7.2006]

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2007=0,827

Ohlasy (1):

[o1] 2016 Ohta, T.: Plasma in Agriculture. In: Cold Plasma in Food and Agriculture: Fundamentals and Applications. London : Academic Press-Elsevier Science, 2016, S. 205-221 - BKCI-S

ADC03 Pavela, Roman (50%) - Vrchotová, Naděžda (30%) - Šerá, Božena [UKOPREKE] (20%): Growth inhibitory effect of extracts from Reynoutria sp plants against Spodoptera littoralis larvae = Efecto inhibitorio del crecimiento de los extractos de plantas de Reynoutria sp. contra larvas de Spodoptera littoralis

Lit.: 39 zázň., 9 tab.

In: Agrocienca. - Vol. 42, No. 5 (2008), s. 573-584. - ISSN 1405-3195

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2008=0,232

Ohlasy (6):

[o1] 2016 Szczepanik, M. - Gliszczynska, A. - Hnatejko, M. - Zawitowska, B.: Applied Entomology and Zoology, Vol. 51, No. 3, 2016, s. 393-401 - SCI

[o1] 2017 Ali, S. - Ullah, M.I. - Arshad, M. - Iftikhar, Y. - Saqib, M. - Afzal, M.: Turkiye Entomoloji Dergisi-Turkish Journal of Entomology, Vol. 41, No. 3, 2017, s. 275-284 - SCI

[o1] 2018 Gabaston, J. - El Khawand, T. - Waffo-Teguo, P. - Decendit, A. - Richard, T. - Merillon, J.M. - Pavela, R.: Journal of Pest Science, Vol. 91, No. 2, 2018, s. 897-906 - SCI

[o1] 2018 Ali, A.M. - Ibrahim, A.M.A.: Journal of Asia-Pacific Entomology, Vol. 21, No. 2, 2018, s. 631-637 - SCI

[o1] 2019 Elsharkawy, E.R. - Ali, A.M.H.: Oriental Journal of Chemistry, Vol. 35, No. 2, 2019, s. 738-743 - SCI

[o1] 2018 Moawad, S.S. - Sadek, H.E.: Annals of Agricultural Science, Vol. 63, No. 2, 2019, s. 141-144 - SCI

ADC04 Šerá, Božena [UKOPREKE] (50%) - Straňák, Vítězslav (20%) - Šerý, Michal (20%) - Tichý, Michal (5%) - Špatenka, Petr (5%): Germination of chenopodium album in response to microwave plasma treatment
Lit.: 15 zázň., 5 obr., 1 tab.

In: Plasma Science and Technology. - Vol. 10, No. 4 (2008), s. 506-511. - ISSN 1009-0630

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2008=0,402

Ohlasy (36):

[o1] 2016 Koga, K. - Thapanut, S. - Amano, T. - Seo, H. - Itagaki, N. - Hayashi, N. - Shiratani, M.: Applied Physics Express, Vol. 9, No. 1, 2016, Art. No. 016201 - SCI

[o1] 2016 Henselova, M. - Slovakova, L. - Martinka, M. - Zahoranova, A. - Cernak, M.: Interaction of Low-Temperature Plasma with Grains of Maize (Zea Mays L.). In: HAKONE XV: International Symposium on High Pressure, Low Temperature Plasma Chemistry: With Joint COST TD1208 Workshop: Non-Equilibrium Plasmas with Liquids for Water and Surface Treatment. Brno : Masarykova univerzita, 2016, S. 364-367 - CPCI-S

[o1] 2016 Ohta, T.: Plasma in Agriculture. In: Cold Plasma in Food and Agriculture: Fundamentals and Applications. London : Academic Press-Elsevier Science, 2016, S. 205-221 - BKCI-S

[o1] 2016 Zahoranova, A. - Henselova, M. - Hudecova, D. - Kalinakova, B. - Kovacik, D. - Medvecká, V. - Cernak, M.: Plasma Chemistry and Plasma Processing, Vol. 36, No. 2, 2016, s. 397-414 - SCI

[o1] 2017 Puligundla, P. - Kim, J.-W. - Mok, Ch.: Food Control, Vol. 71, January, 2017, s. 376-382 - SCI

[o1] 2017 Velichko, I. - Pazderu, K. - Pulkrabek, J.: Cold Plasma Seed Treatment and its Effect on Plant Growing. In: Seed and Seedlings XIII. Prague : Czech University Life Sciences, 2017, S. 54-59 - CPCI-S

[o1] 2017 Kim, J.-W. - Puligundla, P. - Mok, Ch.: Journal of the Science of Food and Agriculture, Vol. 97, No. 1, 2017, s. 128-134 - SCI

[o1] 2017 Zhang, J.J. - Jo, J.O. - Huynh, D.L. - Mongre, R.K. - Ghosh, M. - Singh, A.K. - Lee, S.B. - Mok, Y.S. Hyuk, P. - Jeong, D.K.: Scientific Reports, Vol. 7, February, 2017, Art. No. 41917 - SCI

[o1] 2017 Sadhu, S. - Thirumdas, R. - Deshmukh, R.R. - Annapure, U.S.: LWT-Food Science and Technology, Vol. 78, May, 2017, s. 97-104 - SCI

[o1] 2017 Safari, N. - Iranbakhsh, A. - Oraghi Ardebili, Z.: Plasma Science & Technology, Vol. 19, No. 5, 2017, Art. No. UNSP 055501 - SCI

[o1] 2017 Nam, W.J. - Lee, S.T. - Jeong, S.Y. - Lee, J.K. - Yun, G.S.: European Physical Journal D, Vol. 71, No. 5, 2017, Art. No. 134 - SCI

[o1] 2017 Puligundla, P. - Kim, J.-W. - Mok, C.h: Food and Bioprocess Technology, Vol. 10, No. 6, 2017, s. 1093-1102 - SCI

[o1] 2017 Gomez-Ramirez, A. - Lopez-Santos, C. - Cantos, M. - Garcia, J.L. - Molina, R. - Cotrino, J. - Espinos, J.P. - Gonzalez-Elipe, A.R.: Scientific Reports, Vol. 7, July, 2017, Art. No. 5924 - SCI

[o1] 2017 Li, Y.J. - Wang, T.C. - Meng, Y.R. - Qu, G.Z. - Sun, Q.H. - Liang, D.L. - Hu, S.B.: Plasma Chemistry and Plasma Processing, Vol. 37, No. 6, 2017, s. 1621-1634 - SCI

[o1] 2017 Iranbakhsh, A. - Ghoranneviss, M. - Ardebili, Z.O. - Ardebili, N.O. - Tackallou, S.H. - Nikmaram, H.: Biologia Plantarum, Vol. 61, No. 4, 2017, s. 702-708 - SCI

[o1] 2018 Roy, N.C. - Hasan, M.M. - Talukder, M.R. - Hossain, M.D. - Chowdhury, A.N.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 1, 2018, s. 13-28 - SCI

[o1] 2018 Hosseini, S.I. - Mohsenimehr, S. - Hadian, J. - Ghorbanpour, M. - Shokri, B.: Physics of Plasmas, Vol. 25, No. 1, 2018, Art. No. 013525 - SCI

[o1] 2018 Szoke, C. - Nagy, Z. - Gierczik, K. - Szekely, A. - Spitkol, T. - Zsuboril, Z.T. - Galiba, G. - Marton, C.L. - Kutasi, K.: Plasma Science & Technology, Vol. 15, No. 2, 2018, Art. No. e1700138 - SCI

[o1] 2018 Puac, N. - Skoro, N. - Spasic, K. - Zivkovic, S. - Milutinovic, M. - Malovic, G. - Petrovic, Z.L.: Plasma Science & Technology, Vol. 15, No. 2, 2018, Art. No. e1700082 - SCI

[o1] 2018 Pawlat, J. - Starek, A. - Sujak, A. - Kwiatkowski, M. - Terebun, P. - Budzen, M.: Plasma Science & Technology, Vol. 15, No. 2, 2018, Art. No. e1700064 - SCI

[o1] 2018 Feng, J.K. - Wang, D.C. - Shao, C.Y. - Zhang, L.L. - Tang, X.: Plasma Science & Technology, Vol. 20, No. 3, 2018, Art. No. UNSP 035505 - SCI

[o1] 2018 Souza da Silva, D.L. - Farias, M.D.L. - Vitoriano, J.O. - Alves Junior, C. - Torres, S.B.: Revista Caatinga, Vol. 31, No. 3, 2018, s. 632-639 - SCI

[o1] 2018 Iranbakhsh, A. - Ardebili, Z.O. - Ardebili, N.O. - Ghoranneviss, M. - Safari, N.: Acta Physiologiae Plantarum, Vol. 40, No. 8, 2018, Art. No. 154 - SCI

[o1] 2018 Saberli, M. - Modarres-Sanavy, S.A.M. - Zare, R. - Ghomi, H.: Scientific Reports, Vol. 8, August, 2018, Art. No. 11655 - SCI

[o1] 2018 Magureanu, M. - Sirbu, R. - Dobrin, D. - Gidea, M.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 5, 2018, s. 989-1001 - SCI

[o1] 2018 Li, L. - Li, J. - Shao, H. - Dong, Y.: Plasma Science & Technology, Vol. 20, No. 9, 2018, Art. No. UNSP 095502 - SCI

[o1] 2018 de Groot, G.J.J.B. - Hundt, A. - Murphy, A.B. - Bange, M.P. - Mai-Prochnow, A.: Scientific Reports, Vol. 8, September, 2018, Art. No. 14372 - SCI

[o1] 2018 Nam, W.J. - Jeong, S.Y. - Lee, J.K. - Yun, G.S.: Journal of Physics D-Applied Physics, Vol. 51, No. 44, 2018, Art. No. 444001 - SCI

[o1] 2018 Nalwa, C. - Thakur, A.K.: Indian Journal of Ecology, Vol. 45, No. 4, 2018, s. 814-821 - SCOPUS

[o1] 2019 Brandenburg, R. - Bogaerts, A. - Bongers, W. - Fridman, A. - Fridman, G. - Locke, B.R. - Miller, V. - Reuter, S. - Schiorlin, M. - Verreycken, T. - Ostrikov, K.K.: Plasma Processes and Polymers, Vol. 16, No. 1, 2019, Art. No. 1700238 - SCI ; SCOPUS

[o1] 2019 Singh, R. - Prasad, P. - Mohan, R. - Verma, M.K. - Kumar, B.: Journal of Applied Research on Medicinal and Aromatic Plants, Vol. 12, March, 2019, s. 78-81 - SCI ; SCOPUS

[o1] 2019 Rifna, E.J. - Ratish Ramanan, K. - Mahendran, R.: Trends in Food Science and Technology, Vol. 86, April, 2019, s. 95-108 - SCOPUS

- [o1] 2019 Kabir, A.H. - Rahman, M.M. - Das, U. - Sarkar, U. - Roy, N.C. - Reza, M.A. - Talukder, M.R. - Uddin, M.A.: PLoS ONE, Vol. 14, No. 4, 2019, Art. No. e0214509 - SCI ; SCOPUS
- [o1] 2019 Yodpitak, S. - Mahatheeranont, S. - Boonyawan, D. - Roytrakul, S. - Norkaew, O.: Food Chemistry, Vol. 289, August, 2019, s. 328-339 - SCI ; SCOPUS
- [o1] 2019 Li, L. - Guo, H.L. - Zong, J.Q. - Chen, J.B. - Wang, Y. - Li, J.J. - Li, D.D. - Shao, H.L. - Liu, J.X.: Plasma Science & Technology, Vol. 21, No. 5, 2019, Art. No. 055504 - SCI
- [o1] 2019 Lotfy, K. - Al-Harbi, N.A. - Abd El-Raheem, H.: Plasma Chemistry and Plasma Processing, Vol. 39, No. 4, 2019, s. 897-912 - SCI

ADC05 Vrchotová, Naděžda (60%) - Šerá, Božena [UKOPREKE] (30%) - Dadáková, Eva (10%): Some phenolic compounds in Himalayan Knotweed

Lit.: 24 zázn.

In: Journal of the Indian Chemical Society. - Vol. 85, No. 11 (2008), s. 1148-1149. - ISSN 0019-4522

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2008=0,384

ADC06 Šerá, Božena [UKOPREKE] (40%) - Šerý, Michal (30%) - Straňák, Vítězslav (20%) - Špatenka, Petr (5%) - Tichý, Michal (5%): Does Cold Plasma Affect Breaking Dormancy and Seed Germination? A Study on Seeds of Lamb's Quarters (*Chenopodium album* agg.)

Lit.: 36 zázn., 2 obr., 2 tab.

In: Plasma Science and Technology. - Vol. 11, No. 6 (2009), s. 750-754. - ISSN 1009-0630

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2009=0,380

Ohlasy (25):

[o1] 2016 Ohta, T.: Plasma in Agriculture. In: Cold Plasma in Food and Agriculture: Fundamentals and Applications. London : Academic Press-Elsevier Science, 2016, S. 205-221 - BKCI-S

[o1] 2016 Zhou, R.W. - Zhou, R.S. - Zhang, X.H. - Zhuang, J.X. - Yang, S.Z. - Bazaka, K. - Ostrikov, K.: Scientific Reports, Vol. 6, September, 2016, Art. No. 32603 - SCI

[o1] 2016 Alves, C.J. - Vitoriano, J.D. - da Silva, D.L.S. - Farias, M.D. - Dantas, N.B.D.: Scientific Reports, Vol. 6, September, 2016, Art. No. 33722 - SCI

[o1] 2016 Li, L. - Li, J.G. - Shen, M.C. - Hou, J.F. - Shao, H.L. - Dong, Y.H. - Jiang, J.F.: Plasma Science & Technology, Vol. 18, No. 10, 2016, s. 1027-1033 - SCI

[o1] 2016 Mildaziene, V. - Pauzaite, G. - Malakauskiene, A. - Zukiene, R. - Nauciene, Z. - Filatova, I. - Azharonok, V. - Lyushkevich, V.: Bioelectromagnetics, Vol. 37, No. 8, 2016, s. 536-548 - SCI

[o1] 2017 Pawlat, J. - Terebun, P. - Kwiatkowski, M. - Starek, A. - Kiczorowski, P. - Andrejko, D. - Kopacki, M.: Effects of Helium-Air RF Plasma Jet on Onion Seeds' Germination. In: International Conference on Electromagnetic Devices and Processes in Environment Protection with Seminar Applications of Superconductors (ELMECO & AOS). New York : IEEE, 2017, Nestr. - CPCI-S

[o1] 2017 Pawlat, J. - Terebun, P. - Kwiatkowski, M. - Kiczorowski, P. - Starek, A. - Andrejko, D. - Kopacki, M.: Effects of Helium-Air Rf Plasma Jet on Onion Seedling Growth. In: International Conference on Electromagnetic Devices and Processes in Environment Protection with Seminar Applications of Superconductors (ELMECO & AOS). New York : IEEE, 2017, Nestr. - CPCI-S

[o1] 2017 Zhang, J.J. - Jo, J.O. - Huynh, D.L. - Mongre, R.K. - Ghosh, M. - Singh, A.K. - Lee, S.B. - Mok, Y.S. - Hyuk, P. - Jeong, D.K.: Scientific Reports, Vol. 7, February, 2017, Art. No. 41917 - SCI

[o1] 2017 Dubinov, A.E. - Kozhayeva, J.P. - Zuimatch, E.A.: IEEE Transactions on Plasma Science, Vol. 45, No. 2, 2017, s. 294-300 - SCI

[o1] 2017 Safari, N. - Iranbakhsh, A. - Oraghi Ardebili, Z.: Plasma Science & Technology, Vol. 19, No. 5, 2017, Art. No. UNSP 055501 - SCI

[o1] 2017 Shapira, Y. - Multanen, V. - Whyman, G. - Bormashenko, Y. - Chaniel, G. - Barkay, Z. - Bormashenko, E.: Colloids and Surfaces B Biointerfaces, Vol. 157, September, 2017, s. 417-423 - SCI

- [o1] 2017 da Silva, A.R.M. - Farias, M.L. - da Silva, D.L.S. - Vitoriano, J.O. - de Sousa, R.C. - Alves, C.: Colloids and Surfaces B Biointerfaces, Vol. 157, September, 2017, s. 280-285 - SCI
- [o1] 2018 Hosseini, S.I. - Mohsenimehr, S. - Hadian, J. - Ghorbanpour, M. - Shokri, B.: Physics of Plasmas, Vol. 25, No. 1, 2018, Art. No. 013525 - SCI
- [o1] 2018 Pawlat, J. - Starek, A. - Sujak, A. - Kwiatkowski, M. - Terebun, P. - Budzen, M.: Plasma Science & Technology, Vol. 15, No. 2, 2018, Art. No. e1700064 - SCI
- [o1] 2018 Feng, J.K. - Wang, D.C. - Shao, C.Y. - Zhang, L.L. - Tang, X.: Plasma Science & Technology, Vol. 20, No. 3, 2018, Art. No. UNSP 035505 - SCI
- [o1] 2018 Souza da Silva, D.L. - Farias, M.D.L. - Vitoriano, J.O. - Alves Junior, C. - Torres, S.B.: Revista Caatinga, Vol. 31, No. 3, 2018, s. 632-639 - SCI
- [o1] 2018 Rahman, M.M. - Sajib, S.A. - Rahi, M.S. - Tahura, S. - Roy, N.C. - Parvez, S. - Abu Reza, M. - Talukder, M.R. - Kabir, A.H.: Scientific Reports, Vol. 8, July, 2018, Art. No. 10498 - SCI
- [o1] 2018 Saber, M. - Modarres-Sanavy, S.A.M. - Zare, R. - Ghomi, H.: Scientific Reports, Vol. 8, August, 2018, Art. No. 11655 - SCI
- [o1] 2018 Magureanu, M. - Sirbu, R. - Dobrin, D. - Gidea, M.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 5, 2018, s. 989-1001 - SCI
- [o1] 2018 Li, L. - Li, J. - Shao, H. - Dong, Y.: Plasma Science & Technology, Vol. 20, No. 9, 2018, Art. No. UNSP 095502 - SCI
- [o1] 2018 Lo Porto, C. - Ziuzina, D. - Los, A. - Boehm D. - Palumbo, F. - Favia, P. - Tiwari, B. - Bourke, P. - Cullen, P.: Innovative Food Science & Emerging Technologies, Vol. 49, October, 2018, s. 13-19 - SCI
- [o1] 2019 Dubinov, A.E. - Kozhayeva, J.P. - Zuimatch, E.A.: IEEE Transactions on Plasma Science, Vol. 47, No. 1, 2019, s. 69-75 - SCI ; SCOPUS
- [o1] 2019 Los, A. - Ziuzina, D. - Boehm, D. - Cullen, P.J. - Bourke, P.: Plasma Processes and Polymers, Vol. 16, No. 4, 2019, s. 1800148 - SCI ; SCOPUS
- [o1] 2019 Rodriguez-Rojas, J. - Barillas, L. - Ching-Baltodano, R. - Poveda-Orozco, F. - Vargas, V.I.: Low-Temperature Plasma Irradiation to Improve Germination and Vigor in Seeds of Coriandrum sativum, Lycopersicon lycopersicum, Phaseolus vulgaris and Raphanus sativus. In: 16th Latin American Workshop on Plasma Physics, LAWPP 2017 - Conference Proceedings. [S.l.] : Institute of Electrical and Electronics Engineers, 2019, S. 67-72 - SCOPUS
- [o1] 2019 Lotfy, K. - Al-Harbi, N.A. - Abd El-Raheem, H.: Plasma Chemistry and Plasma Processing, Vol. 39, No. 4, 2019, s. 897-912 - SCI

ADC07 Šerá, Božena [UKOPREKE] (50%) - Špatenka, Petr (20%) - Šerý, Michal (10%) - Vrchotová, Naděžda (10%) - Hrušková, Iveta (10%): Influence of plasma treatment on wheat and oat germination and early growth

Lit.: 25 záz., 4 obr., 4 tab.

In: IEEE Transactions on Plasma Science. - Vol. 38, No. 10, Part 2 (2010), s. 2963-2968, Art. No. 5549925. - ISSN 0093-3813

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2010=1,076

Ohlasy (64):

[o1] 2016 Loureiro, J. - Amorim, J.: Applications of Low-Temperature Plasmas. In: Kinetics and Spectroscopy of Low Temperature Plasmas. Cham : Springer, 2016, S. 413-440 - BKCI-S

[o1] 2016 Ohta, T.: Plasma in Agriculture. In: Cold Plasma in Food and Agriculture: Fundamentals and Applications. London : Academic Press-Elsevier Science, 2016, S. 205-221 - BKCI-S

[o1] 2016 Zahoranova, A. - Henselova, M. - Hudecova, D. - Kalinakova, B. - Kovacik, D. - Medvecká, V. - Cernak, M.: Plasma Chemistry and Plasma Processing, Vol. 36, No. 2, 2016, s. 397-414 - SCI

[o1] 2016 Raouti, D. - Flazi, S. - Benyoucef, D.: IEEE Transactions on Plasma Science, Vol. 44, No. 7, 2016, s. 1144-1149 - SCI

[o1] 2016 Khamsen, N. - Onwimol, D. - Teerakawanich, N. - Dechanupaprittha, S. - Kanokbannakorn, W. - Hongesombut, K. - Srisonphan, S.: ACS Applied Materials & Interfaces, Vol. 8, No. 30, 2016, s. 19268-19275 - SCI

[o1] 2016 Sarinont, T. - Amano, T. - Attri, P. - Koga, K. - Hayashi, N. - Shiratani, M.: Effects of plasma irradiation using various feeding gases on growth of *Raphanus sativus* L. In: Archives of Biochemistry and Biophysics, Vol. 605, Sp. Iss., 2016, s. 129-140 - CPCI-S

[o1] 2016 Ji, S.H. - Choi, K.H. - Pengkit, A. - Im, J.S. - Kim, J.S. - Kim, Y.H. - Park, Y. - Hong, E.J. - Jung, S.K. - Choi, E.H. - Park, G.: Archives of Biochemistry and Biophysics, Vol. 605, Sp. Iss., 2016, s. 117-128 - CPCI-S

[o1] 2016 Li, L. - Li, J.G. - Shen, M.C. - Hou, J.F. - Shao, H.L. - Dong, Y.H. - Jiang, J.F.: Plasma Science & Technology, Vol. 18, No. 10, 2016, s. 1027-1033 - SCI

[o1] 2016 Butscher, D. - Van Loon, H. - Waskow, A. - von Rohr, P.R. - Schuppler, M.: International Journal of Food Microbiology, Vol. 238, December, 2016, s. 222-232 - SCI

[o1] 2017 Puligundla, P. - Kim, J.-W. - Mok, Ch.: Food Control, Vol. 71, January, 2017, s. 376-382 - SCI

[o1] 2017 Sivachandiran, L. - Khacef, A.: RSC Advances, Vol. 7, No. 4, 2017, s. 1822-1832 - SCI

[o1] 2017 Velichko, I. - Pazderu, K. - Pulkrabek, J.: Cold Plasma Seed Treatment and its Effect on Plant Growing. In: Seed and Seedlings XIII. Prague : Czech University Life Sciences, 2017, S. 54-59 - CPCI-S

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[o1] 2017 Maniruzzaman, M. - Sinclair, A.J. - Cahill, D.M. - Wang, X.G. - Dai, X.J.J.: Plasma Chemistry and Plasma Processing, Vol. 37, No. 5, 2017, s. 1393-1404 - SCI

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ADC08 Šerá, Božena [UKOPREKE] (100%) : Road-side herbaceous vegetation: Life history groups and habitat preferences

Lit.: 51 zázň., 5 tab.

In: Polish Journal of Ecology. - Vol. 58, No. 1 (2010), s. 69-79. - ISSN 1505-2249

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2010=0,542

Ohlasy (4):

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[o1] 2018 Chaudron, C. - Perronne, R. - Di Pietro, F.: Applied Vegetation Science, Vol. 21, No. 1, 2018, s. 33-44 - SCI

ADC09 Dadáková, Eva (50%) - Vrchatová, Naděžda (30%) - Chmelová, Štěpánka (10%) - Šerá, Božena [UKOPREKE] (10%): The stability of rutin and chlorogenic acid during the processing of black elder (*Sambucus nigra*) inflorescence

Lit.: 19 zázň., 3 obr., 1 tab.

In: Acta alimentaria. - Vol. 40, No. 3 (2011), s. 327-334. - ISSN 0139-3006

Registrované v: vos

Indikátor časopisu:

IF (JCR) 2011=0,444

Ohlasy (2):

[o1] 2016 Sentkowska, A. - Biesaga, M. - Pyrzynska, K.: Food Science and Biotechnology, Vol. 25, No. 4, 2016, s. 965-970 - SCI

[o1] 2019 Starowicz, M. - Zielinski, H.: Italian Journal of Food Science, Vol. 31, No. 2, 2019, s. 253-263 - SCI

ADC10 Vrchatová, Naděžda (50%) - Šerá, Božena [UKOPREKE] (40%) - Krejčová, J. (10%): Allelopathic activity of extracts from *Impatiens* species

Lit.: 9 zázň., 3 tab.

In: Plant Soil and Environment. - Vol. 57, No. 2 (2011), s. 57-60. - ISSN 1214-1178

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2011=1,078

Ohlasy (15):

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- [o1] 2016 Szewczyk, K. - Kalemba, D. - Komsta, L. - Nowak, R.: Molecules, Vol. 21, No. 9, 2016, Art. No. UNSP 1162 - SCI
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ADC11 Akbar, Khalid Farooq (40%) - Hale, William H. G. (30%) - Šerá, Božena [UKOPREKE] (20%) - Ashraf, Iffat (10%): Phytometric Assessment of Fertility of Roadside Soils and Its Relationship with Major Nutrients

Lit.: 32 zázn., 1 obr., 2 tab.

In: Polish Journal of Environmental Studies. - Vol. 21, No. 5 (2012), s. 1141-1145. - ISSN 1230-1485

Registrované v: vos

Indikátor časopisu:

IF (JCR) 2012=0,462

Ohlasy (1):

[o1] 2018 Alberti, G. - Grima, R. - Vella, N.C.: PLoS ONE, Vol. 13, No. 2, 2018, Art. No. e0192039 - SCI

ADC12 Šerá, Božena [UKOPREKE] (100%) : Effects of soil substrate contaminated by knotweed leaves on seed development

Lit.: 35 zázn., 1 tab.

In: Polish Journal of Environmental Studies. - Vol. 21, No. 3 (2012), s. 713-717. - ISSN 1230-1485

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2012=0,462

Ohlasy (5):

[o1] 2016 Gillies, S. - Clements, D.R. - Grenz, J.: Invasive Plant Science and Management, Vol. 9, No. 1, 2016, s. 71-80 - SCI

[o1] 2016 Mincheva, T. - Barni, E. - Siniscalco, C.: Plant Biosystems, Vol. 150, No. 6, 2016, s. 1348-1357 - SCI

[o1] 2016 Serniak, L.T.: Weed Research, Vol. 56, No. 2, 2016, s. 97-101 - SCI

[o1] 2017 Koce, J.D. - Soln, K.: Phytion-Annales rei Botanicae, Vol. 57, No. 1-2, 2017, s. 53-63 - SCI

[o1] 2018 Pinzone, P. - Potts, D. - Pettibone, G. - Warren, R.: Plant Ecology, Vol. 219, No. 5, 2018, s. 539-548 - SCI

ADC13 Šerá, Božena [UKOPREKE] (50%) - Gajdová, Iveta (25%) - Šerý, Michal (20%) - Špatenka, Petr (5%): New Physicochemical Treatment Method of Poppy Seeds for Agriculture and Food Industries

Lit.: 17 zázn., 5 obr.

In: Plasma Science and Technology. - Vol. 15, No. 9 (2013), s. 935-938. - ISSN 1009-0630

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2013=0,596

Ohlasy (20):

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- [o1] 2016 Sarinont, T. - Amano, T. - Attri, P. - Koga, K. - Hayashi, N. - Shiratani, M.: Effects of plasma irradiation using various feeding gases on growth of *Raphanus sativus* L. In: Archives of Biochemistry and Biophysics, Vol. 605, Sp. Iss., 2016, s. 129-140 - CPCI-S
- [o1] 2016 Ji, S.H. - Choi, K.H. - Pengkit, A. - Im, J.S. - Kim, J.S. - Kim, Y.H. - Park, Y. - Hong, E.J. - Jung, S.K. - Choi, E.H. - Park, G.: Effects of high voltage nanosecond pulsed plasma and micro DBD plasma on seed germination, growth development and physiological activities in spinach. In: Archives of Biochemistry and Biophysics, Vol. 605, Sp. Iss., 2016, s. 117-128 - CPCI-S
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- [o1] 2018 Guo, Q. - Meng, Y.R. - Qu, G.Z. - Wang, T.C. - Yang, F.N. - Liang, D.L. - Hu, S.B.: Bioelectromagnetics, Vol. 39, No. 2, 2018, s. 120-131 - SCI
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- [o1] 2018 Khatami, S. - Ahmadiania, A.: Journal of Theoretical and Applied Physics, Vol. 12, No. 1, 2018, s. 33-38 - SCI
- [o1] 2018 Rahman, M.M. - Sajib, S.A. - Rahi, M.S. - Tahura, S. - Roy, N.C. - Parvez, S. - Abu Reza, M. - Talukder, M.R. - Kabir, A.H.: Scientific Reports, Vol. 8, 2018, Art. No. 10498 - SCI
- [o1] 2018 Magureanu, M. - Sirbu, R. - Dobrin, D. - Gidea, M.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 5, 2018, s. 989-1001 - SCI
- [o1] 2018 Roy, N.C. - Hasan, M.M. - Kabir, A.H. - Reza, M.A. - Talukder, M.R. - Chowdhury, A. N.: Plasma Science & Technology, Vol. 20, No. 11, 2018, Art. No. UNSP 115501 - SCI
- [o1] 2018 Molina, R. - Lopez-Santos, C. - Gomez-Ramirez, A. - Vilchez, A. - Pedro Espinos, J. - Gonzalez-Elipse, A.R.: Scientific Reports, Vol. 8, November, 2018, Art. No. 16442 - SCI
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- [o1] 2019 Singh, R. - Prasad, P. - Mohan, R. - Verma, M.K. - Kumar, B.: Journal of Applied Research on Medicinal and Aromatic Plants, Vol. 12, March, 2019, s. 78-81 - SCI ; SCOPUS
- [o1] 2019 Wakisaka, S. - Tsuda, K. - Takahashi, K. - Satoh, K.: IEEE Transactions on Plasma Science, Vol. 47, No. 2, 2019, s. 1083-1088 - SCI ; SCOPUS
- [o1] 2019 Ji, S.-H. - Kim, J.-S. - Lee, C.-H. - Seo, H.-S. - Chun, S.-C. - Oh, J. - Choi, E.-H. - Park, G.: Scientific Reports, Vol. 9, No. 1, 2019, Art. No. 1044 - SCI ; SCOPUS
- [o1] 2019 Lotfy, K. - Al-Harbi, N.A. - Abd El-Raheem, H.: Plasma Chemistry and Plasma Processing, Vol. 39, No. 4, 2019, s. 897-912 - SCI

ADC14 Šerá, Božena [UKOPREKE] (40%) - Válková, Darina (30%) - Kocianová, Eva (10%) - Šerý, Michal (10%) - Feráková, Viera [UKOPRBBO] (5%) - Hodálová, Iva (5%): Population size of the monocarpic perennial *Peucedanum arenarium* Waldst. Et Kit. With regard to experimentally tested management strategies
Lit.: 22 záz., 6 obr., 1 tab.

In: Pakistan Journal of Botany. - Vol. 45, No. 2 (2013), s. 449-454. - ISSN 0556-3321

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2013=1,207

ADC15 Mráz, I. (20%) - Beran, P. (40%) - Šerá, Božena [UKOPREKE] (30%) - Gavril, Bogdan (5%) - Hnatiuc, Eugen (5%): Effect of low-temperature plasma treatment on the growth and reproduction rate of some plant pathogenic bacteria

Lit.: 33 zázň., 1 obr., 1 tab.

In: Journal of Plant Physiology. - Vol. 96, No. 1 (2014), s. 63-67. - ISSN 1125-4653

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2014=1,043

Kvartil Q:

wos-jcr -- Q3 [plant sciences] -- 2014

Ohlasy (1):

[o1] 2017 Hnatiuc, B. - Sabau, A. - Faubert, F. - Hnatiuc, M. - Pellerin, S. - Ghita, S.: Study of timing optimization of plasma treatment for naval materials. In: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), S. 1069-1074 - New York : IEEE, 2017

ADC16 Schutte, B. J. (10%) - Tomasek, B. J. (10%) - Davis, A. S. (5%) - Andersson, L. (5%) - Benoit, D. L. (5%) - Cirujeda, A. (5%) - Dekker, J. (5%) - Forcella, F. (5%) - Gonzalez-Andujar, J. L. (5%) - Graziani, F. (5%) - Murdoch, A. J. (5%) - Neve, P. (5%) - Rasmussen, I. A. (5%) - Šerá, Božena [UKOPREKE] (5%) - Salonen, J. (5%) - Tei, F. (5%) - Torresen, K.S. (5%) - Urbano, J. M. (5%): An investigation to enhance understanding of the stimulation of weed seedling emergence by soil disturbance

Lit.: 33 zázň., 3 obr., 4 tab.

In: Weed Research. - Vol. 54, No. 1 (2014), s. 1-12. - ISSN 0043-1737

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2014=1,687

Kvartil Q:

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

Ohlasy (19):

[o1] 2016 Torra, J. - Royo-Esnal, A. - Recasens, J.: Weed Science, Vol. 64, No. 2, 2016, s. 248-260 - SCI

[o1] 2016 Honarmand, S.J. - Nosratti, I. - Nazari, K. - Heidari, H.: Weed Biology and Management, Vol. 16, No. 4, 2016, s. 186-193 - SCI

[o1] 2017 Tucker, R.C. - Rothermel, B.B. - Daskin, J.H.: Natural Areas Journal, Vol. 37, No. 1, 2017, s. 39-48 - SCI

[o1] 2017 Ngo, T.D. - Boutsalis, P. - Preston, C. - Gill, G.: Weed Science, Vol. 65, No. 3, 2017, s. 413-425 - SCI

[o1] 2017 Ngo, T.D. - Boutsalis, P. - Preston, C. - Gill, G.: Weed Science, Vol. 65, No. 3, 2017, s. 395-405 - SCI

[o1] 2017 Cordeau, S. - Smith, R.G. - Gallandt, E.R. - Brown, B. - Salon, P. - DiTommaso, A. - Ryan, M.R.: Weed Science, Vol. 65, No. 4, 2017, s. 504-514 - SCI

[o1] 2017 Cordeau, S. - Smith, R.G. - Gallandt, E.R. - Brown, B. - Salon, P. - DiTommaso, A. - Ryan, M.R.: Agriculture Basel, Vol. 7, No. 8, 2017, Art. No. UNSP 66 - SCI

[o1] 2017 Nosratti, I. - Amiri, S. - Bagheri, A. - Chauhan, B.S.: Weed Biology and Management, Vol. 17, No. 3, 2017, s. 144-149 - SCI

[o1] 2017 Byiringiro, B. - Birungi, S. - Musoni, A. - Mashingaidze, A.B.: Tropical Agriculture, Vol. 94, No. 4, 2017, s. 335-345 - SCI

[o1] 2017 Cordeau, S. - Smith, R.G. - Gallandt, E.R. - Brown, B. - Salon, P. - DiTommaso, A. - Ryan, M.R.: Annals of Applied Biology, Vol. 171, No. 3, 2017, s. 340-352 - SCI

[o1] 2018 Nosratti, I. - Amiri, S. - Bagheri, A. - Chauhan, B.S.: Weed Science, Vol. 66, No. 1, 2018, s. 71-77 - SCI

- [o1] 2018 Zhao, N. - Li, Q. - Guo, W.L. - Zhang, L.L. - Ge, L.A. - Wang, J.X.: Weed Science, Vol. 66, No. 1, 2018, s. 47-56 - SCI
- [o1] 2018 Redwood, M.E. - Matlack, G.R. - Huebner, C.D.: Weed Science, Vol. 66, No. 2, 2018, s. 190-198 - SCI
- [o1] 2018 Santin-Montanya, M.I. - Pena, C.C. - Quesada, E.Z. - Jimenez, F.J.S. - Pasamon, J.L.T.: Land Degradation & Development, Vol. 29, No. 4, 2018, s. 865-874 - SCI
- [o1] 2018 Deiss, L. - Moraes, A. - Pelissari, A. - Porfirio-da-Silva, V. - Schuster, M.Z.: Planta Daninha, Vol. 36, 2018, Art. No. UNSP e018162465 - SCI
- [o1] 2018 Kleemann, S.G.L. - Gill, G.: Weed Science, Vol. 66, No. 4, 2018, s. 485-493 - SCI
- [o1] 2019 Yang, Q. - Zhang, C. - Yin, X. - Yang, H.: IOP Conference Series: Materials Science and Engineering, Vol. 472, No. 1. Bristol : IOP Publishing, 2019, Art. No. 012067 - SCI ; SCOPUS
- [o1] 2019 Iqbal, N. - Manalil, S. - Chauhan, B.S. - Adkins, S.W.: Weed Science, Vol. 67, No. 1, 2019, s. 68-76 - SCI ; SCOPUS
- [o1] 2019 Nosratti, I. - Almaleki, S. - Chauhan, B.S.: Weed Science, Vol. 67, No. 2, 2019, s. 261-266 - SCOPUS

ADC17 Herben, Tomáš (40%) - Šerá, Božena [UKOPREKE] (30%) - Klimešová, Jitka (30%): Clonal growth and sexual reproduction: tradeoffs and environmental constraints

Lit.: 48 zázň., 3 obr., 4 tab.

In: Oikos. - Vol. 124, No. 4 (2015), s. 469-476. - ISSN 0030-1299

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2015=3,586

Kvartil Q:

wos-jcr -- Q1 [ecology] -- 2015

Ohlasy (20):

- [o1] 2015 Cross, A.T. - Skates, L.M. - Adamec, L. - Hammond, C.M. - Sheridan, P.M. - Dixon, K.W.: Freshwater Biology, Vol. 60, No. 9, 2015, s. 1772-1783 - SCOPUS
- [o1] 2016 Watkins, J.E. - Churchill, A.C. - Michele Holbrook, N.: American Journal of Botany, Vol. 103, No. 5, 2016, s. 845-855 - SCI ; SCOPUS
- [o1] 2016 Castro, S. - Castro, M. - Ferrero, V. - Costa, J. - Tavares, D. - Navarro, L. - Loureiro, J.: Frontiers in Plant Science, Vol. 7, June, 2016, Art. No. 874 - SCI ; SCOPUS
- [o1] 2016 Britton, M.R. - Watkins, J.E., Jr.: Annals of Botany, Vol. 118, No. 6, 2016, s. 1139-1149 - SCI
- [o1] 2017 Lybbert, A.H. - Taylor, J. - DeFranco, A. - St Clair, S.B.: International Journal of Wildland Fire, Vol. 26, No. 12, 2017, s. 1030-1039 - SCI
- [o1] 2017 Urbanova, J. - Kovar, P. - Dostal, P.: Plant Ecology, Vol. 218, No. 2, 2017, s. 127-137 - SCI
- [o1] 2017 Younginger, B.S. - Sirova, D. - Cruzan, M.B. - Ballhorn, D.J.: Applications in Plant Sciences, Vol. 5, No. 2, 2017, Nestr. - SCI
- [o1] 2017 Wang, L.Y. - Wang, H.X. - He, C.G. - Sheng, L.X. - Tang, Z.H.: Ecosphere, Vol. 8, No. 3, 2017, Art. No. e01757 - SCI
- [o1] 2017 Moradi, J. - Mudrak, O. - Kukla, J. - Vicentini, F. - Simackova, H. - Frouz, J.: European Journal of Soil Biology, Vol. 83, 2017, s. 58-64 - SCI
- [o1] 2018 Zhang, H.X. - Bonser, S.P. - Chen, S.C. - Hitchcock, T. - Moles, A.T.: Austral Ecology, Vol. 43, No. 1, 2018, s. 69-75 - SCI
- [o1] 2018 Cattani, D.J. - Asselin, S.R.: Sustainability, Vol. 10, No. 3, 2018, Art. No. 688 - SCI
- [o1] 2018 Heinrichs, S. - Dierschke, H. - Kompa, T. - Schmidt, W.: Tuexenia, Iss. 38, 2018, s. 111-134 - SCI
- [o1] 2018 Mudrak, O. - Fajmon, K. - Jongepierova, I. - Prach, K.: Restoration Ecology, Vol. 26, No. 3, 2018, s. 489-496 - SCI
- [o1] 2018 Bennett, J.A. - Cahill, J., Jr.: Ecology, Vol. 99, No. 6, 2018, s. 1480-1489 - SCI
- [o1] 2018 Klinerova, T. - Tasevova, K. - Dostal, P.: Journal of Biogeography, Vol. 45, No. 7, 2018, s. 1550-1559 - SCI
- [o1] 2018 Topper, J.P. - Meineri, E. - Olsen, S.L. - Rydgren, K. - Skarpaas, O. - Vandvik, V.: Global Change Biology, Vol. 24, No. 10, 2018, s. 4657-4666 - SCI
- [o1] 2019 Wan, J.-Z. - Wang, C.-J. - Yu, F.-H.: Science of the Total Environment, Vol. 652, February, 2019, s. 1071-1076 - SCI ; SCOPUS

[o1] 2019 Rubin, M.J. - Schmid, K.M. - Friedman, J.: Ecology and Evolution, Vol. 9, No. 1, 2019, s. 471-481 - SCI ; SCOPUS

[o1] 2019 Li, Q.-W. - Zhang, X.-Y. - Gao, J.-Q. - Song, M.-H. - Liang, J.-F. - Yue, Y.: Sustainability (Switzerland), Vol. 11, No. 6, 2019, Art. No. 1520 - SCI ; SCOPUS

[o1] 2019 Lillo, F. - Ginocchio, R. - Ulriksen, C. - Dovletyarova, E. - Neaman, A.: Chemosphere, Vol. 230, September, 2019, s. 303-307 - SCI

ADC18 Věchet, Lubomír (50%) - Šerá, Božena [UKOPREKE] (50%): Effectiveness of both synthetic compounds and biological extracts against powdery mildew (*Blumeria graminis* f. Sp. *Tritici*) on winter wheat

Lit.: 31 záz., 1 tab.

In: Agrocienca. - Vol. 49, No. 1 (2015), s. 77-85. - ISSN 1405-3195

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2015=0,305

Kvartil Q:

wos-jcr -- Q4 [agriculture, multidisciplinary] -- 2015

Ohlasy (1):

[o1] 2019 Le Mire, G. - Siah, A. - Marolleau, B. - Gaucher, M. - Maumené, C. - Brostaux, Y. - Massart, S. - Brisset, M.-N. - Haissam Jijakli, M.: Phytopathology, Vol. 109, No. 3, 2019, s. 409-417 - SCI ; SCOPUS

ADC19 Šerá, Božena [UKOPREKE] (60%) - Šerý, M. (20%) - Gavril, B. (10%) - Gajdová, I. (10%): Seed Germination and Early Growth Responses to Seed Pre-treatment by Non-thermal Plasma in Hemp Cultivars (*Cannabis sativa* L.)

Lit.: 39 záz., 3 obr., 2 tab.

In: Plasma Chemistry and Plasma Processing. - Vol. 37, No. 1 (2017), s. 3207-221. - ISSN 0272-4324

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2017=2,658

Kvartil Q:

wos-jcr -- Q2 [engineering, chemical] ; Q2 [physics, applied] ; Q2 [physics, fluids & plasmas] -- 2016

Ohlasy (14):

[o1] 2018 Iranbakhsh, A. - Ardebili, N.O. - Ardebili, Z.O. - Shafaati, M. - Ghoranneviss, M.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 1, 2018, s. 29-44 - SCI

[o1] 2018 Roy, N.C. - Hasan, M.M. - Talukder, M.R. - Hossain, M.D. - Chowdhury, A.N.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 1, 2018, s. 13-28 - SCI

[o1] 2018 Guo, Q. - Meng, Y.R. - Qu, G.Z. - Wang, T.C. - Yang, F.N. - Liang, D.L. - Hu, S.B.:

Bioelectromagnetics, Vol. 39, No. 2, 2018, s. 120-131 - SCI

[o1] 2018 Ji, S.H. - Ki, S.H. - Kang, M.H. - Choi, J.S. - Park, Y. - Oh, J. - Kim, S.B. - Yoo, S.J. - Choi, E.H. - Park, G.: Journal of Physics D-Applied Physics, Vol. 51, No. 14, 2018, Art. No. 145205 - SCI

[o1] 2018 Bourke, P. - Ziuzina, D. - Boehm, D. - Cullen, P.J. - Keener, K.: Trends in Biotechnology, Vol. 36, No. 6, Sp. Iss., 2018, s. 615-626 - SCI

[o1] 2018 Strejckova, M. - Bohata, A. - Olsan, P. - Havelka, Z. - Kriz, P. - Beran, P. - Bartos, P. - Curn, V. - Spatenka, P.: Journal of Biomaterials and Tissue Engineering, Vol. 8, No. 6, 2018, s. 829-836 - SCI

[o1] 2018 Iranbakhsh, A. - Ardebili, Z.O. - Ardebili, N.O. - Ghoranneviss, M. - Safari, N.: Acta Physiologiae Plantarum, Vol. 40, No. 8, 2018, Art. No. 154 - SCI

[o1] 2018 Magureanu, M. - Sirbu, R. - Dobrin, D. - Gidea, M.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 5, 2018, s. 989-1001 - SCI

[o1] 2018 Zahoranova, A. - Hoppanova, L. - Simoncicova, J. - Tucekova, Z. - Medvecká, V. - Hudecova, D. - Kalinakova, B. - Kovacik, D.: Plasma Chemistry and Plasma Processing, Vol. 38, No. 5, 2018, s. 969-988 - SCI

[o1] 2018 Zhang, B. - Li, R. - Yan, J.: Archives of Biochemistry and Biophysics, Vol. 655, October, 2018, s. 37-42 - SCI

[o1] 2018 Molina, R. - Lopez-Santos, C. - Gomez-Ramirez, A. - Vilchez, A. - Pedro Espinos, J. - Gonzalez-Elipe, A.R.: Scientific Reports, Vol. 8, November, 2018, Art. No. 16442 - SCI

[o1] 2019 Babajani, A. - Iranbakhsh, A. - Oraghi Ardebili, Z. - Eslami, B.: Plasma Chemistry and Plasma Processing, Vol. 39, No. 1, 2019, s. 21-34 - SCI ; SCOPUS

[o1] 2019 Pawlat, J. - Terebun, P. - Kwiatkowski, M. - Tarabova, B. - Koval'ova, Z. - Kucerova, K. - Machala, Z. - Janda, M. - Hensel, K.: Plasma Chemistry and Plasma Processing, Vol. 39, No. 3, Sp. Iss., 2019, s. 627-642 - SCI

[o1] 2019 Tiya-Djowe, A. - Acayanka, E. - Mbouopda, A.P. - Boyom-Tatchemo, W. - Laminsi, S. - Gaigneaux, E.M.: Catalysis Today, Vol. 334, Sp. Iss., 2019, s. 104-112 - SCI

ADC20 Šerá, Božena [UKOPREKE] (70%) - Šerý, Michal (30%): Non-thermal plasma treatment as a new biotechnology in relation to seeds, dry fruits, and grains

Lit.: 95 záz.

In: Plasma Science and Technology. - Roč. 20, č. 4 (2018), s. [1-6], Art. No. 044012. - ISSN (print) 1009-0630

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2016=0,830

Kvartil Q:

wos-jcr -- Q4 [physics, fluids & plasmas] -- 2016

Ohlasy (7):

[o1] 2018 Chang, E.H. - Bae, Y.S. - Shin, Il S. - Choi, H.J. - Lee, J.H. - Choi, J.W.: Journal of Food Quality, Vol. 2018, 2018, Art. No. 3481806 - SCI

[o1] 2018 Bose, A.K. - Beaver, C.L. - Narakathu, B.B. - Rossbach, S. - Bazuin, B.J. - Atashbar, M.Z.: 17th IEEE SENSORS Conference, New Delhi. New York : IEEE, 2018, S. 1161-1164 - CPCI-S

[o1] 2018 Kratochvil, J. - Kuzminova, A. - Kylian, O.: Antibiotics-Basel, Vol. 7, No. 3, 2018, Art. No. 78 - SCI

[o1] 2018 Shapira, Y. - Chaniel, G. - Bormashenko, E.: Colloids and Surfaces B-Biointerfaces, Vol. 172, December, 2018, s. 541-544 - SCI

[o1] 2019 Lazukin, A.V. - Grabel'nykh, O.I. - Serdyukov, Y.A. - Pobezhimova, T.P. - Nurminskii, V.N. - Korsukova, A.V. - Krivov, S.A.: Technical Physics Letters, Vol. 45, No. 1, 2019, s. 16-19 - SCI

[o1] 2019 Yehia, A.: AIP Advances, Vol. 9, No. 4, 2019, Art. No. 045214 - SCI

[o1] 2019 Mildaziene, V. - Aleknaviciute, V. - Zukiene, R. - Pauzaite, G. - Nauciene, Z. - Filatova, I. -

Lyushkevich, V. - Haimi, P. - Tamosiune, I. - Baniulis, D.: Scientific Reports, Vol. 9, April, 2019, Art. No. 6437 - SCI

ADC21 Martin-Garcia, J. (7%) - Zas, R. (6%) - Solla, A. (6%) - Woodward, S. (6%) - Hantula, J. (6%) - Vainio, E. J. (5%) - Mullett, M. (5%) - Morales-Rodriguez, C. (5%) - Vannini, A. (5%) - Martinez-Alvarez, P. (5%) - Pinto, G. (4%) - Alves, A. (4%) - Amaral, J. (4%) - Wingfield, M. J. (4%) - Fourie, G. (4%) - Steenkamp, E. T. (4%) - Ahumada, R. (4%) - Šerá, Božena [UKOPREKE] (4%) - Sanz-Ros, A. V. (3%) - Raposo, R. (3%) - Elvira-Recuenco, M. (2%) - Iturritxa, E. (2%) - Gordon, I. R. (1%) - Diez, J. J.(1%): Environmentally friendly methods for controlling pine pitch canker

Lit.: 221 záz.

In: Plant pathology. - Roč. 68, č. 5 (2019), s. 843-860. - ISSN (print) 0032-0862

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2018=2,493

Kvartil Q:

wos-jcr – Q1 [agronomy] -- 2018

ADC22 Scholtz, V. (40%) - Khun, J. (20%) - Šerý, M. (5%) - Julák, J. (5%) - Šerá, Božena [UKOPREKE] (30%): Effects of Nonthermal Plasma on Wheat Grains and Products [elektronický dokument]

Lit.: 75 záz.

In: Journal of food quality [elektronický dokument]. - Roč. 2019 (2019), s. [1-10], Art. no. 7917825 [print]. -

ISSN (print) 0146-9428

Registrované v: scopus

Registrované v: vos

IF (JCR) 2018=1,360

Kvartil Q:

wos-jcr – Q3 [food science & technology] -- 2018

ADD Vedecké práce v domácich karentovaných časopisoch

ADD01 Šerá, Božena [UKOPREKE] (50%) - Balounová, Zuzana (40%): Biomass and energy allocation in two orchids - *Dactylorhiza majalis* and *D-fuchsii* (Orchidaceae)

Lit.: 21 záz., 5 obr., 3 tab.

In: *Biologia*. - Vol. 54, No. 1 (1999), s. 51-59. - ISSN (print) 0006-3088

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 1999=0,220

ADD02 Šerá, Božena [UKOPREKE] (40%) - Falta, Vladan (30%) - Cudlín, Pavel (20%) - Chmelíková, Ewa (10%): Contribution to knowledge of natural growth and development of mountain Norway spruce seedlings

Lit.: 10 záz., 5 obr., 3 tab.

In: *Ekológia [Bratislava]*. - Vol. 19, No. 4 (2000), s. 420-434. - ISSN 1335-342X

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2000=0,109

Ohlasy (1):

[o1] 2017 Vacek, Z. - Bulusek, D. - Vacek, S. - Hejzmanova, P. - Remes, J. - Bilek, L. - Stefancik, I.: Austrian Journal of Forest Science, Vol. 134, No. 1, 2017, s. 75-96 - SCI

ADD03 Šerá, Božena [UKOPREKE] (80%) - Cudlín, Pavel (20%): Flood impact on vegetation communities

Lit.: 21 záz., 2 obr., 3 tab.

In: *Ekológia [Bratislava]*. - Vol. 20, No. 1 (2001), s. 38-46. - ISSN 1335-342X

Registrované v: wos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2001=0,192

ADD04 Hanousková, Irena (20%) - Boháč, Jaroslav (16%) - Sedláček, František (16%) - Šerá, Božena [UKOPREKE] (16%) - Lepšová, Anna (16%) - Zacharda, Miroslav (16%): Harmful organisms in urban green areas = Škodlivé organizmy z prostředí urbánní zeleně

Lit.: 17 záz., 8 obr.

In: *Ekológia [Bratislava]*. - Vol. 23, Suppl. 1 (2004), s. 58-68. - ISSN 1335-342X

[13th International Symposium on Problems of Landscape Ecological Research. Mojmirovce, 30.9.-3.10.2003]

Registrované v: wos

Registrované v: scopus

IF (JCR) 2001=0,078

ADD05 Šerá, Božena [UKOPREKE] (20%) - Feráková, Viera [UKOPRBBO] (16%) - Kocianová, Eva (16%) - Vágenknecht, Vlastizdar (16%) - Majzlan, Oto [UKOPREKE] (16%) - Dúbravcová, Zuzana [UKOPRBBO] (16%): *Peucedanum arenarium* subsp. *arenarium* - a critically endangered species of the Slovak flora (morphometry, distribution, biology)

Lit.: 5 záz.

In: *Biologia*. - Roč. 60, č. 1 (2005), s. 17-23. - ISSN (print) 0006-3088

Indikátor časopisu:

IF (JCR) 2005=0,240

Ohlasy (1):

[o1] 2019 Gultekin, N. - Davidian, G.E. - Gultekin, L. - Korotyayev, B.A.: Coleopterists Bulletin, Vol. 73, No. 1, 2019, s. 225-232 - SCI

ADD06 Šerá, Božena [UKOPREKE] (100%) : Road vegetation in Central Europe - An example from the Czech Republic

Lit.: 39 zázň., 1 obr.

In: Biologia. - Vol. 63, No. 6 (2008), s. 1085-1088. - ISSN (print) 0006-3088

[International Symposium Biology and Taxonomy of Green Algae. 5th, Smolenice, 25.-29.6.2007]

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2008=0,406

Ohlasy (6):

[o1] 2016 Deak, B. - Tothmeresz, B. - Valko, O. - Sudnik-Wojcikowska, B. - Moysiyanenko, I.I. - Bragina, T.M. - Apostolova, I. - Dembicz, I. - Bykov, N.I. - Torok, P.: Biodiversity and Conservation, Vol. 25, No. 12, Sp. Iss., 2016, s. 2473-2490- SCI

[o1] 2017 Szentesi, A. - Gyorgy, Z. - Jermy, T. - Kiss, B.: European Journal of Entomology, Vol. 114, 2017, s. 488-499 - SCI

[o1] 2017 Pourrezaei, J. - Khajeddin, S.J. - Karimzadeh, H.R. - Vahabi, M.R. - Mozaffarian, V.A. - Esfahani, M.T.: Flora, Vol. 234, September, 2017, s. 92-105 - SCI

[o1] 2018 Chaudron, C. - Perronne, R. - Di Pietro, F.: Applied Vegetation Science, Vol. 21, No. 1, 2018, s. 33-44 - SCI

[o1] 2018 Fekete, R. - Mesterhazy, A. - Valko, O. - Molnar, V.A.: Preslia, Vol. 90, No. 1, 2018, s. 23-37 - SCI

[o1] 2018 Wang, Y.H. - Ma, Y.L. - Feng, G.J. - Li, H.H.: Planta Daninha, Vol. 36, 2018, Art. No. e018166895 - SCI

ADD07 Šerá, Božena [UKOPREKE] (60%) - Novák, František (40%): The effect of humic substances on germination and early growth of Lamb's Quarters (*Chenopodium album* agg.)

Lit.: 37 zázň., 2 obr., 2 tab.

In: Biologia. - Vol. 66, No. 3 (2011), s. 470-476. - ISSN (print) 0006-3088

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2011=0,557

Ohlasy (4):

[o1] 2014 David, J. - Šmejkalová, D. - Hudecová, Š. - Zmeškal, O. - von Wandruszka, R. - Gregor, T. - Kučerík, J.: SpringerPlus, Vol. 3, No. 1, 2014, s. 1-16 - SCI ; SCOPUS

[o1] 2017 Abbasi, S.B. - Gul, B. - Khan, N. - Gulzar, S. - Ahmed, M.Z.: Pakistan Journal of Botany, Vol. 49, No. 6, 2017, s. 2079-2088 - SCI ; SCOPUS

[o1] 2017 Rodrigues, L.A. - Alves, C.Z. - Rego, C.H.Q. - da Silva, T.R.B. - da Silva, J.B.: Revista Caatinga, Vol. 30, No. 1, 2017, s. 149-154 - SCI ; SCOPUS

[o1] 2017 Cha, J.-Y. - Kim, T.-W. - Choi, J.H. - Jang, K.-S. - Khaleda, L. - Kim, W.-Y. - Jeon, J.-R.: Journal of Agricultural and Food Chemistry, Vol. 65, No. 6, 2017, s. 1167-1177 - SCI ; SCOPUS

ADD08 Šerá, Božena [UKOPREKE] (100%) : Which stem parts of Slender speedwell (*Veronica filiformis*) are the most successful in plant regeneration?

Lit.: 21 zázň., 6 obr.

In: Biologia. - Vol. 67, No. 1 (2012), s. 110-115. - ISSN (print) 0006-3088

Registrované v: vos

Registrované v: scopus

Indikátor časopisu:

IF (JCR) 2012=0,506

ADE Vedecké práce v ostatných zahraničných časopisoch

ADE01 Šerá, Božena [UKOPREKE] (100%) : Simple Traits among Diaspore Weight/Number, Plant Height and Ability of Vegetative Propagation
Lit.: 54 zázn.

In: Journal of Integrative Plant Biology. - Vol. 50, No. 12 (2008), s. 1563-1569. - ISSN 1672-9072

Indikátor časopisu:

IF (JCR) 2008=0,859

Ohlasy (1):

[o1] 2018 Fichtner, A. Matthies, D. - Armbrust, M. - Jansen, D. - Sturm, K. - Walmsley, D. - von Oheimb, G. - Hardtle, W.: Plant Ecology, Vol. 219, No. 9, 2018, s. 1117-1126 - SCI

ADE02 Vrchotová, Naděžda (60%) - Šerá, Božena [UKOPREKE] (40%): Allelopathic properties of knotweed rhizome extracts

Lit.: 15 zázn., 1 tab.

In: Plant Soil and Environment. - Vol. 54, No. 7 (2008), s. 301-303. - ISSN 1214-1178

Registrované v: vos

Registrované v: scopus

Ohlasy (8):

[o1] 2016 Gillies, S. - Clements, D.R. - Grenz, J.: Invasive Plant Science and Management, Vol. 9, No. 1, 2016, s. 71-80 - SCI

[o1] 2016 Mincheva, T. - Barni, E. - Siniscalco, C.: Plant Biosystems, Vol. 150, No. 6, 2016, s. 1348-1357 - SCI

[o1] 2016 Serniak, L.T.: Weed Research, Vol. 56, No. 2, 2016, s. 97-101 - SCI

[o1] 2017 Koce, J.D. - Soln, K.: Phytion-Annales rei Botanicae, Vol. 57, No. 1-2, 2017, s. 53-63 - SCI

[o2] 2018 Halas, P. - Svec, P. - Lacina, J. - Martinkova, M.: Biologia, Vol. 73, No. 1, 2018, s. 9-20 - SCI

[o1] 2018 Jovanovic, S. - Hlavati-Sirka, V. - Lakusic, D. - Jogan, N. - Nikolic, T. - Anastasiu, P. - Vladimirov, V. - Sinzar-Sekulic, J.: Journal for Nature Conservation, Vol. 41, February, 2018, s. 1-15 - SCI

[o1] 2018 Novak, N. - Novak, M. - Baric, K. - Scepanovic, M. - Ivic, D.: Journal of Central European Agriculture, Vol. 19, No. 2, 2018, s. 408-422 - SCI

[o1] 2019 Vukovic, N. - Segota, V. - Alegro, A. - Koletic, N. - Rimac, A. - Dekanic, S.: Bioinvasions Records, Vol. 8, No. 1, 2019, s.175-189 - SCI

ADE03 Vrchotová, Naděžda (50%) - Šerá, Božena [UKOPREKE] (40%) - Dadáková, Eva (10%): HPLC and CE analysis of catechins, stilbens and quercetin in flowers and stems of *Polygonum cuspidatum*, *P. sachalinense* and *P. x bohemicum*

Lit.: 36 zázn., 3 obr., 1 tab.

In: Journal of the Indian Chemical Society. - Vol. 87, No. 10 (2010), s. 1267-1272. - ISSN 0019-4522

Registrované v: vos

Registrované v: scopus

Ohlasy (2):

[o1] 2016 Guo, X.X. - Liu, J. - Cai, S.B. - Wang, O. - Ji, B.P.: Obesity Research & Clinical Practice, Vol. 10, No. 3, 2016, s. 327-339 - SCI

[o1] 2017 Glavnik, V. - Vovk, I. - Albrecht, A.: Journal of Chromatography A, Vol. 1482, January, 2017, s. 97-108 - SCI

ADF Vedecké práce v ostatných domácich časopisoch

ADF01 Šerá, Božena [UKOPREKE] (60%) - Kobes, Milan (40%): How the Management May Affect Dispersal of Slender Speedwell (*Veronica filiformis* Smith) in Meadows and Pastures

Lit.: 26 zázn., 5 obr., 2 tab.

In: Acta Environmentalica Universitatis Comenianae [elektronický zdroj]. - Vol. 24, No. 2 (2016), s. 32-40 [online]. - ISSN 1339-9802

URL:

<https://www.degruyter.com/view/j/aeuc.2016.24.issue-2/aeuc-2016-0010/aeuc-2016-0010.xml?format=INT&rskey=DXXPo7>

ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADM01 Šerá, Božena [UKOPREKE] (100%) : Salt-tolerant trees usable for Central European cities - A review
Lit.: 43 zázň., 2 tab.
In: Horticultural Science. - Vol. 44, No. 1 (2017), s. 43-48. - ISSN 0862-867X
Registrované v: vos
Registrované v: scopus
Ohlasy (1):
[o1] 2019 Thomas, P.A. - Alhamd, O. - Iszkulo, G. - Dering, M. - Mukassabi, T.A.: Journal of Ecology, Vol. 107, No. 2, 2019, s. 992-1030 - SCI ; SCOPUS

ADM02 Englický, Tomáš (60%) - Šerá, Božena [UKOPREKE] (40%): The Preference of Some Myrmecochorous Plants of Forest Stands by Red Wood Ant (*Formica rufa* L.) Experiment on Seeds with Elaiosomes [elektronický dokument]
Lit.: 34 zázň.
In: Russian Journal of Ecology [elektronický dokument]. - Roč. 49, č. 6 (2018), s. 577-583 [print]. - ISSN (print) 1067-4136
Registrované v: scopus

ADM03 Špaková, Markéta (60%) - Šerá, Božena [UKOPREKE] (40%): Woody plants of the main part of the Bečov Botanical Garden = Drvenaste biljke glavnoga dijela botaničkog vrta Bečov
Lit.: 42 zázň.
In: Šumarski list. - č. 7 (2018), s. 403-409. - ISSN (print) 0373-1332
Registrované v: scopus
Registrované v: vos

ADM04 Šerá, Božena [UKOPREKE] (40%) - Zahoranová, Anna [UKOMFKEF] (25%) - Bujdaková, Helena [UKOPRBMV] (25%) - Šerý, Michal (10%): Disinfection from pine seeds contaminated with *fusarium circinatum* nirenberg and *O* Donnell using non-thermal plasma treatment
Lit.: 41 zázň.
In: Romanian Reports in Physics. - Roč. 71, č. 1 (2019), s. [1-12], Art. No. 701. - ISSN (print) 1221-1451
Registrované v: scopus
Registrované v: vos

Štatistika kategórií (Zázňamov spolu: 55, z nich je v prehľade uvedených 41):

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (3)
ADC Vedecké práce v zahraničných karentovaných časopisoch (22)
ADD Vedecké práce v domácich karentovaných časopisoch (8)
ADE Vedecké práce v ostatných zahraničných časopisoch (3)
ADF Vedecké práce v ostatných domácich časopisoch (1)
ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (4)

Štatistika kategórií prác nezaradených do prehľadu (Zázňamov spolu: 14):

AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (2)
AFC Publikované príspevky na zahraničných vedeckých konferenciách (5)
AFD Publikované príspevky na domácich vedeckých konferenciách (3)
BDF Odborné práce v ostatných domácich časopisoch (1)
BEE Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných) (3)

Štatistika ohlasov (294):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (293)
[o2] Citácie v domácich publikáciách registrované v citačných indexoch (1)