

Zoznam publikačnej činnosti – doc. Mgr. Daniel Mihálik, PhD.

Kategória výstupu	Počet
Vysokoškolská učebnica alebo učebný text, skriptá (AH)	2 (6 AH + 3,1 AH)
Publikácie kategórie A+	25
Publikácie kategórie A	11
Publikácie kategórie A–	16
Publikácie kategórie B	11
Patenty, Úžitkové vzory	2
Celkovo	67

Vysokoškolská učebnica alebo učebný text, skriptá (AH)

1.

Laboratórne cvičenia z molekulárnej biológie a biotechnológií [electronic] / Daniel Mihálik; recenzenti: Ján Kraic, Martina Hudcovicová.- Číslo projektu: Metagenomický prístup identifikácie a charakterizácie vírusových ochorení pri vybratých druhoch liečivých rastlín APVV-16-0026.- 1. vyd.- Trnava : Univerzita sv. Cyrila a Metoda v Trnave, 2018.- 124 s. [CD-ROM].- ISBN 978-80-8105-940-7.

2.

Laboratory practice in molecular biology and biotechnologies [electronic] / Daniel Mihálik, Miroslav Glasa ; recenzenti Ľubica Uváčková, Martina Hudcovicová. - 1. vyd. - Trnava : Fakulta prírodných vied, 2021. - 124 s. [6,2AH] [CD-ROM]. - ISBN 978-80-572-0127-4. [Mihálik Daniel (50 [3,1 AH]%) - Glasa Miroslav (50 [3,1 AH]%)]

Publikácie kategórie A+ (publikácia v časopise Q1, medzinárodný patent)

1.

Schaefer, L., Beck, K.-F., Raslik, I., Walpen, S., **Mihalik, D.**, Micegova, M., Macakova, K., Schönherr, E., Seidler, D.G., Varga, G., Schaefer, R.M., Kresse, H., Pfeilschifter, J. Biglycan, a nitric oxide-regulated gene, affects adhesion, growth, and survival of mesangial cells (2003) Journal of Biological Chemistry, 278 (28), pp. 26227-26237. **IF (2003) = 6,544, Q1**

Cited 59 times.

2.

Schaefer, L., **Mihalik, D.**, Babelova, A., Krzyzankova, M., Gröne, H.-J., Iozzo, R.V., Young, M.F., Seidler, D.G., Lin, G., Reinhardt, D.P., Schaefer, R.M. Regulation of fibrillin-1 by biglycan and

decorin is important for tissue preservation in the kidney during pressure-induced injury (2004) American Journal of Pathology, 165 (2), pp. 383-396. **IF (2004) = 6,961, Q1**

Cited 49 times.

3.

Schaefer, L., Ren, S., Schaefer, R.M., **Mihalik, D.**, Babelova, A., Huwiler, A., Pfeilschifter, J. Nephryn expression is increased in anti-Thy1.1-induced glomerulonephritis in rats (2004) Biochemical and Biophysical Research Communications, 324 (1), pp. 247-254. **IF (2004) = 3,031, Q1**

Cited 23 times.

4.

Schaefer, L., Babelova, A., Kiss, E., Hausser, H.-J., Baliova, M., Krzyzankova, M., Marsche, G., Young, M.F., **Mihalik, D.**, Götte, M., Malle, E., Schaefer, R.M., Gröne, H.-J. The matrix component biglycan is proinflammatory and signals through Toll-like receptors 4 and 2 in macrophages (2005) Journal of Clinical Investigation, 115 (8), pp. 2223-2233. **IF (2005) = 13,983, Q1**

Cited 641 times.

5.

Beck, K.-F., Güder, G., Schaefer, L., Pleskova, M., Babelova, A., Behrens, M.H., **Mihalik, D.**, Beck, M., Schaefer, R.M., Pfeilschifter, J. Nitric oxide upregulates induction of PDGF receptor- α expression in rat renal mesangial cells and in anti-thy-1 glomerulonephritis (2005) Journal of the American Society of Nephrology, 16 (7), pp. 1948-1957. **IF (2005) = 7,285, Q1**

Cited 12 times.

6.

Šliková, S., Šudyová, V., Martinek, P., Polišenská, I., Gregová, E., **Mihálik, D.** Assessment of infection in wheat by Fusarium protein equivalent levels (2009) European Journal of Plant Pathology, 124 (1), pp. 163-170. **IF (2009) = 2,129, Q1**

Cited 3 times.

7.

Šíp, V., Chrpová, J., Žofajová, A., Milec, Z., **Mihalik, D.**, Pánková, K., Snape, J.W. Evidence of selective changes in winter wheat in middle-European environments reflected by allelic diversity at loci affecting plant height and photoperiodic response (2011) Journal of Agricultural Science, 149 (3), pp. 313-326. **IF (2011) = 2,041, Q1**

Cited 8 times.

8.

Gubišová, M., Gubiš, J., Žofajová, A., **Mihálik, D.**, Kraic, J. Enhanced in vitro propagation of Miscanthus×giganteus (2013) Industrial Crops and Products, 41 (1), pp. 279-282. **IF (2013) = 3,810, Q1**

Cited 21 times.

9.

Čertík, M., Klemková, T., Guothová, L., **Mihálik, D.**, Kraic, J. Biotechnology for the functional improvement of cereal-based materials enriched with PUFA and pigments, (2013), European Journal of Lipid Science and Technology, 115 (11), pp. 1247-1256. **IF (2013) = 2,507, Q1.**

Cited 22 times.

10.

Mihálik, D., Gubišová, M., Klemková, T., Čertík, M., Ondreičková, K., Hudcovicová, M., Klčová, L., Gubiš, J., Dokupilová, I., Ohnoutková, L., Kraic, J. Transgenic barley producing essential polyunsaturated fatty acids, (2014) Biologia Plantarum, 58 (2), pp. 348-354. **IF (2014) = 1,849, Q1.**

Cited 11 times.

11.

Mihálik, D., Klčová, L., Ondreičková, K., Hudcovicová, M., Gubišová, M., Klemková, T., Čertík, M., Pauk, J., Kraic, J. Biosynthesis of essential polyunsaturated fatty acids in wheat triggered by expression of artificial gene (2015) International Journal of Molecular Sciences, 16 (12), pp. 30046-30060. **IF (2015) = 3,257, Q1.**

Cited 8 times.

12.

Sihelská, N., Vozárová, Z., Predajňa, L., Šoltys, K., Hudcovicová, M., **Mihálik, D.**, Kraic, J., Mrkvová, M., Kúdela, O., Glasa, M. Experimental infection of different tomato genotypes with tomato mosaic virus led to a low viral population heterogeneity in the capsid protein encoding region (2017) Plant Pathology Journal, 33 (5), pp. 508-513. **IF (2017) = 1,407, Q1.**

Cited 4 time.

13.

Tomašechová, J., Hančinský, R., Predajňa, L., Kraic, J., **Mihálik, D.**, Šoltys, K., Vávrová, S., Böhmer, M., Sabanadzovic, S., Glasa, M. High-throughput sequencing reveals bell pepper endornavirus infection in pepper (*Capsicum annuum*) in Slovakia and enables its further molecular characterization. (2020) Plants, 9 (1), art. no. 41. **IF (2020) = 3,935, Q1.**

Cited 8 times.

14.

Haňcinský, R., **Mihálik, D.**, Mrkvová, M., Candresse, T., Glasa, M. Plant viruses infecting solanaceae family members in the cultivated and wild environments: A review (2020) Plants, 9 (5), art. no. 667. **IF (2020) = 3,935, Q1.**

Cited 26 times.

15.

Tomašechová, J., Predajňa, L., Sihelská, N., Kraic, J., **Mihálik, D.**, Šoltys, K., Glasa, M. First Report of Pepper Cryptic Virus 2 Infecting Pepper (*Capsicum annum*) in Slovakia (2020) *Plant Disease*, 104 (5). **IF (2020) = 4,438, Q1.**

16.

Sák, M., Dokupilová, I., Kaňuková, Š., Mrkvová, M., **Mihálik, D.**, Hauptvogel, P., Kraic, J. Biotic and abiotic elicitors of stilbenes production in *vitis vinifera* l. Cell culture (2021) *Plants*, 10 (3), art. no. 490, pp. 1-14. **IF (2020) = 3,935, Q1.**

Cited 8 time.

17.

Glasa, M., Hančinský, R., Šoltys, K., Predajňa, L., Tomašechová, J., Hauptvogel, P., Mrkvová, M., **Mihálik, D.**, Candresse, T. Molecular characterization of potato virus Y (PVY) using high-throughput sequencing: Constraints on full genome reconstructions imposed by mixed infection involving recombinant PVY strains (2021) *Plants*, 10 (4), art. no. 753. **IF (2020) = 3,935, Q1.**

Cited 4 times.

18.

Havrlentová, M., Ondreičková, K., Hozlár, P., Gregusová, V., **Mihálik, D.**, Kraic, J. Formation of potential heterotic groups of oat using variation at microsatellite loci (2021) *Plants*, 10 (11), art. no. 2462. **IF (2020) = 3,935, Q1.**

Cited 1 times

19.

Establishment of Stem Cell-like Cells of *Sida hermaphrodita* (L.) Rusby from Explants Containing Cambial Meristems [electronic, print] / Šarlota Kaňuková, Marcela Gubišová, Lenka Klčová, Daniel Mihálik, Ján Kraic, 2022. - In: [International journal of molecular sciences : open access journal](#) : open access journal. - ISSN 1661-6596, Roč. 23, č. 14 (2022), s. [1-11] [online, print]. **IF (2021) = 6,628, Q1**

20.

Evaluation of New Polyclonal Antibody Developed for Serological Diagnostics of Tomato Mosaic Virus [electronic] / Michaela Mrkvová, Richard Hančinský, Simona Grešíková, Šarlota Kaňuková, Ján Barilla, Miroslav Glasa, Pavol Hauptvogel, Ján Kraic, **Daniel Mihálik**, 2022, In: [Viruses](#). - ISSN 1999-4915 (online), Roč. 14, č. 6 (2022), s. [1-15] [online]. **IF(2021) = 5,811, Q1**

21.

Genotoxic effects of transboundary pollutants in *Pinus mugo* in the high mountain habitats [electronic] / Eva Klemmová Gregušková, Daniel Mihálik, Ján Kraic, Michaela Mrkvová, Jozef Sokol, Petr Gregor, Aneta Rafajová, Čupr, 2022. In: [Ecological Indicators : Integrating Sciences for Monitoring, Assessment and Management](#) : Integrating Sciences for Monitoring,

Assessment and Management. - ISSN 1470-160X, č. 140 (2022), s. [1-13] [print, online]. **IF(2021) = 6,263, Q1**

22.

High-Throughput Sequencing Discloses the Cucumber Mosaic Virus (CMV) Diversity in Slovakia and Reveals New Hosts of CMV from the Papaveraceae Family [electronic] / Michaela Mrkvová, Richard Hančinský, Lukáš Predajňa, Peter Alaxin, Adam Achs, Jana Tomašechová, Katarína Šoltys, **Daniel Mihálik**, Antonio Olmos, Ana Belén Ruiz-García, Miroslav Glasa, 2022. In: [Plants-Basel](#). - ISSN 2223-7747 (online), Roč. 11, č. 13 (2022), s. [1-12] [online]. **IF(2021) = 4,658, Q1**

23.

The Cell-Wall β -d-Glucan in Leaves of Oat (*Avena sativa* L.) Affected by Fungal Pathogen *Blumeria graminis* f. sp. *avenae* [electronic] / Veronika Gregusová, Šarlota Kaňuková, Martina Hudcovicová, Katarína Bojnanská, Katarína Ondreičková, Beáta Piršelová, Patrik Mészáros, Libuša Lengyelová, Ľudmila Galuščáková, Veronika Kubová, Ildikó Matušíková, Daniel Mihálik, Ján Kraic, Michaela Havrlentová, 2022. In: [Polymers](#). - ISSN 2073-4360 (online), Roč. 14, č. 16 (2022), s. [1-20] [online]. **IF(2021) = 4,967, Q1**

24.

Elicitation of Hyoscyamine Production in *Datura stramonium* L. Plants Using Tobamoviruses / Mihálik, Daniel, Hančinský, Richard, Kaňuková, Šarlota, Mrkvová, Michaela, Kraic, Ján, 2022. In: [Plants-Basel](#), ISSN 22237747, AccessVolume 11, Issue 23December 2022 Article number 3319. **IF(2021) = 4,658, Q1**

25.

The expanding menagerie of Prunus-infecting luteoviruses/ Maryam Khalili, Thierry Candresse, Igor Koloniuk, Dana Safarova, Yoann Brans, Chantal Faure, Marine Delmas, Sébastien Massart, Miguel A. Aranda, Kadriye Cagalayan, Veronique Decroocq, Pavlina Drogoudi, Miroslav Glasa, George Pantelidis, Milan Navratil, Francois Latour, Josef Spak, Jaroslava Pribylova, Daniel Mihalik, Francesco Palmisano, Antonella Saponari, Tomas Necas, Jiri Sedlak, Armelle Marais, 2022, Phytopathology, published Online:16 Aug 2022, <https://doi.org/10.1094/PHYTO-06-22-0203-R>, akceptované. **IF(2021) = 4,010, Q1**

Publikácie kategórie A (publikácia v časopise Q2, monografia v zahraničnom vydavateľstve)

1.

Dokupilová, I., Migliaro, D., **Mihálik, D.**, Crespan, M., Kraic, J. Genotyping of *Vitis vinifera* L. within the Slovak national collection of genetic resources (2014) Central European Journal of Biology, 9 (8), pp. 761-767. **IF (2014) = 0,710, Q2**

Cited 2 times.

2.

Čertík, M., Klemková, T., **Mihálik, D.**, Ondreičková, K., Gubišová, M., Kraic, J. Genetically engineered cereals for the production of polyunsaturated fatty acids (2017) Food Lipids: Chemistry, Nutrition, and Biotechnology, Fourth Edition, pp. 997-1010.

3.

Mihálik, D., Gubišová, M., Kraic, J., Hudcovicová, M., Havrlentová, M., Moravčíková, J., Glasa, M., Matušiková, I. Introduction of a synthetic Thermococcus-derived α -amylase gene into barley genome for increased enzyme thermostability in grains (2017) Electronic Journal of Biotechnology, 30, pp. 1-5. **IF (2017) = 1,881, Q2**

Cited 1 time.

4.

Némethy, M., **Mihálik, D.**, Steifetten, Ø., Rošteková, V., Mrkvová, M., Janiga, M., Kraic, J. Genetic differentiation between local populations of Ips typographus in the high Tatra Mountains range. (2018) Scandinavian Journal of Forest Research, 33 (3), pp. 215-221. **IF (2018) = 1,667, Q2.**

Cited 1 time.

5.

Glasa, M., Šoltys, K., Predajňa, L., Sihelská, N., Nováková, S., Šubr, Z., Kraic, J., **Mihálik, D.** Molecular and biological characterisation of turnip mosaic virus isolates infecting poppy (Papaver somniferum and P. rhoeas) in Slovakia (2018) Viruses, 10 (8), art. no. 430. **IF (2018) = 3,811, Q2**

Cited 2 times.

6.

Kraic, J., Mihálik, D., Klčová, L., Gubišová, M., Klemková, T., Hudcovicová, M., Ondreičková, K., **Mrkvová, M.**, Havrlentová, M., Gubiš, J., Čertík, M. Progress in the genetic engineering of cereals to produce essential polyunsaturated fatty acids (2018) Journal of Biotechnology, 284, pp. 115-122. **IF (2018) = 3,163, Q2.**

Cited 10 times.

7.

Glasa, M., Šoltys, K., Predajňa, L., Sihelská, N., Budiš, J., Mrkvová, M., Kraic, J., **Mihálik, D.**, Ruiz-García, B. High-throughput sequencing of Potato virus M from tomato in Slovakia reveals a divergent variant of the virus (2019) Plant Protection Science, 55 (3), pp. 159-166. **IF (2019) = 1,130, Q2.**

Cited 4 times.

8.

Šajgalík, M., Ondreicková, K., Hauptvogel, P., **Mihálik, D.**, Glasa, M., Kraic, J. Higher effectiveness of new common bean (*Phaseolus vulgaris* L.) germplasm acquisition by collecting expeditions associated with molecular analyses. (2019) *Sustainability* (Switzerland), 11 (19), art. no. 5270, **IF (2019) = 2,576, Q2**

9.

Mihálik, D., Lančaričová, A., Mrkvová, M., Kaňuková, Š., Moravčíková, J., Glasa, M., Šubr, Z., Predajňa, L., Hančinský, R., Grešíková, S., Havrlentová, M., Hauptvogel, P., Kraic, J. Diacylglycerol acetyltransferase gene isolated from *Euonymus europaeus* L. Altered lipid metabolism in transgenic plant towards the production of acetylated triacylglycerols (2020) *Life*, 10 (9), art. no. 205, pp. 1-16. **IF (2020) = 3,817, Q2.**

Cited 2 times.

10.

Kanukova, S., Mrkvova, M., **Mihalik, D.**, Kraic, J. Procedures for DNA extraction from opium poppy (*Papaver somniferum* L.) and poppy seed-containing products. (2020) *Foods*, 9 (10), art. no. 1429. **IF (2020) = 4,350, Q2**

Cited 1 time.

11.

Cejnar, P., Kučková, Š., Šantrůček, J., Glasa, M., Komínek, P., **Mihálik, D.**, Slavíková, L., Leišová-Svobodová, L., Smirnova, T., Hynek, R., Kundu, J.K., Ryšánek, P. Efficient confirmation of plant viral proteins and identification of specific viral strains by Nanolc-Esi-Q-ToF using single-leaf-tissue samples. (2020) *Pathogens*, 9 (11), art. no. 966, pp. 1-20. **IF (2020) = 3,492, Q2.**

Cited 1 time.

Publikácie kategórie A- (publikácia v časopise Q3 alebo Q4, národný patent)

1.

Gregová, E., **Mihálik, D.**, Šliková, S., Šramková, Z. Allelic variation of HMW glutenin subunits and 1BL.1RS translocation in Slovak common wheats (2007) *Cereal Research Communications*, 35 (4), pp. 1675-1683. **IF (2007) = 0,927, Q3**

Cited 9 times.

2.

Šliková, S., Šudyová, V., Gregová, E., **Mihálik, D.** Accumulation of deoxynivalenol mycotoxin in kernels of oats after artificial infection with fusarium culmorum SACC (2008) Cereal Research Communications, 36 (SUPPL. 6), pp. 389-391. **IF (2008) = 2,765, Q3**

3.

Gregová, E., Šliková, S., Šudyová, V., **Mihálik, D.**, Martinek, P., Polišíenská, I. Kernel contamination in interspecific lines of wheat after artificial infection with fusarium culmorum SACC. (2008) Cereal Research Communications, 36 (SUPPL. 6), pp. 99-101. **IF (2008) = 2,765, Q3**

4.

Šliková, S., Havrlentová, M., Šudyová, V., **Mihálik, D.**, Gregová, E. Cell wall β -D-glucan during disease progress (fusarium head blight) in wheat spikes (2008) Cereal Research Communications, 36 (SUPPL. 6), pp. 167-169. **IF (2008) = 2,765, Q3**

Cited 4 times.

5.

Šliková, S., Šudyová, V., Gregová, E., **Mihálik, D.** Reaction of covered OATS to artificial infection with Fusarium culmorum SACC (2009) Cereal Research Communications, 37 (SUPPL.1), pp. 197-200. **IF (2009) = 0,525, Q3**

6.

Šliková, S., Šrobárová, A., Šudyová, V., Polišíenská, I., Gregová, E., **Mihálik, D.** Response of oat cultivars to Fusarium infection with a view to their suitability for food use (2010) Biologia, 65 (4), pp. 609-614. **IF (2010) = 0,609, Q4**

Cited 15 times.

7.

Mihálik, D., Gregová, E., Galuszka, P., Ohnoutková, L., Klemková, T., Ondreičková, K., Gubišová, M., Gubiš, J., Kraic, J. Characterisation of a novel high-molecular-weight glutenin subunit 1Dy12.3 from hexaploid wheat (*Triticum aestivum* L.) (2012) Czech Journal of Genetics and Plant Breeding, 48 (4), pp. 157-168. **IF (2012) = 0,440, Q4**

Cited 5 times.

8.

Mihálik, D., Nogová, L., Ondreičková, K., Gubišová, M., Gubiš, J., Gregová, E., Dokupilová, I., Drška, R., Kraic, J. A new high-molecular-weight glutenin subunit from the slovak wheat (*Triticum aestivum* L.) cultivar 'Trebišovská 76', (2013) Food Science and Biotechnology, 22 (SUPPL. 1), pp. 33-37. **IF (2013) = 0,892, Q3**

Cited 6 times.

9.

Klempova, T., **Mihalik, D.**, Certik, M. Characterization of membrane-bound fatty acid desaturases (2013). General Physiology and Biophysics, 32 (4), pp. 445-458. **IF (2013) = 1,036, Q3**

Cited 7 times.

10.

Hudcovicova, M., Matusinsky, P., Gubis, J., Leisova-Svobodova, L., Heinonen, U., Ondreickova, K., **Mihalik, D.**, Gubisova, M., Majeska, M., Jalli, M. DNA markers for identification of *Pyrenophora tritici-repentis* and detection of genetic diversity among its isolates, (2015). Romanian Agricultural Research, (32), pp. 1-10. **IF (2015) = 0,272, Q4**

Cited 1 time.

11.

Rudolf, Š., **Daniel, D.**, Mihálik, D., Katarína, O., Zuzana, H., Natália, M., Blažena, S. Seasonal variation in bryophytes cover in the calcareous mire Belianske lúky, Slovakia (2015) Pakistan Journal of Botany, 47 (1), pp. 255-262. **IF (2015) = 0,658, Q4**

Cited 1 time.

12.

Sihelská, N., Predajňa, L., Nagyová, A., Šoltys, K., Budiš, J., Gubiš, J., Mrkvová, M., Kraic, J., **Mihálik, D.**, Glasa, M. Detection and molecular characterization of Slovak tomato isolates belonging to two recombinant strains of potato virus Y (2016) Acta Virologica, 60 (4), pp. 347-353. **IF (2016) = 0,673, Q4**

Cited 7 times.

13.

Predajňa, L., Šoltys, K., Kraic, J., **Mihálik, D.**, Glasa, M. First report of potato virus s infecting tomato in Slovakia. (2017) Journal of Plant Pathology, 99 (3), p. 811. **IF (2017) = 0,944, Q3**

Cited 4 times.

14.

Benková, M., Hudcovicová, M., Klčová, L., **Mihálik, D.**, Kraic, J. One century of interactions between intensive breeding and genetic diversity conservation of Barley. (2017) Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 45 (1), pp. 225-231. **IF (2017) = 0,714, Q3**

15.

Mičianová, V., Ondreičková, K., Muchová, D., Klčová, L., Hudcovicová, M., Havrlentová, M., **Mihálik, D.**, Kraic, J. Forensic application of EST-derived STR markers in opium poppy (2017). Biologia (Poland), 72 (6), pp. 587-594. **IF (2017) = 0,696, Q4**

Cited 6 times.

16.

Tomašechová, J., Predajňa, L., **Mihálik, D.**, Mrkvová, M., Cejnar, P., Šoltys, K., Sabanadzovic, S., Glasa, M. Characterization of an isolate of lettuce big-vein associated virus (Lbvav) detected in naturally infected tomato (solanum lycopersicum l.) in Slovakia (2021). Plant Protection Science, 57 (4), pp. 344-348., **IF (2021) = 1,464, Q3**

Publikácie kategórie B (ostatné publikácie vo WoS alebo SCOPUS)

1.

Hudcovicová, M., Šudyová, V., Šliková, S., Gregová, E., Kraic, J., Ordon, F., **Mihálik, D.**, Horevaj, V., Šramková, Z. Marker-assisted selection for the development of improved barley and wheat lines (2008) Acta Agronomica Hungarica, 56 (4), pp. 385-392. **IF (2008) = nemá**

Cited 3 times.

2.

Gubišová, M., **Mihálik, D.**, Gubiš, J., Gubišová, M. Optimization of Barley Mature Embryo Regeneration and Comparison with Immature Embryos of Local Cultivars (2012) *Nova Biotechnologica et Chimica*, 11 (1), pp. 57-62. **IF (2012) = nemá**

Cited 9 times.

3.

Ondreičková, K., Babulicová, M., **Mihálik, D.**, Gubišová, M., Gubiš, J. Screening of bacterial populations in crop rotations with different proportion of cereals (2014) *Agriculture*, 60 (1), pp. 31-38. **IF (2012) = nemá**

Cited 3 times.

4.

Sák, M., Dokupilová, I., **Mihálik, D.**, Lakatošová, J., Gubišová, M., Kraic, J. Elicitation of phenolic compounds in cell culture of *Vitis vinifera* L. by *Phaeomonium chlamydosporum* (2014). *Nova Biotechnologica et Chimica*, 13 (2), pp. 162-171. **IF (2014) = nemá**

Cited 9 times.

5.

Ondreičková, K., Ficek, A., **Mihálik, D.**, Gubišová, M., Hudcovicová, M., Drahovská, H., Kraic, J. Bacterial communities in rhizosphere of maize studied by T-RFLP (2014) *Agriculture*, 60 (3), pp. 98-104. **IF (2014) = nemá**

6.

Hudcovicová, M., Korbelová, E., Šliková, S., Klčová, L., **Mihálik, D.**, Kraic, J. Molecular selection of tomato and pepper breeding lines possessing resistance alleles against tobamoviruses. (2015) *Agriculture*, 61 (1), pp. 33-37. **IF (2015) = nemá**

Cited 3 times.

7.

Veronika, Mičianová, **Daniel, Mihálik**, Kraic, J. In silico retrieving of opium poppy (*Papaver somniferum* L.) microsatellites (2015) *Agriculture*, 61 (4), pp. 149-156. **IF (2015) = nemá**

Cited 5 times.

8.

Sojková, J., Žur, I., Gregorová, Z., Zimová, M., Matušiková, I., **Mihálik, D.**, Kraic, J., Moravčíková, J. In vitro regeneration potential of seven commercial soybean cultivars (*Glycine max* L.) for use in biotechnology (2016) *Nova Biotechnologica et Chimica*, 15 (1), pp. 1-11. **IF (2016) = nemá**

Cited 1 time.

9.

Bardáčová, M., Maglovski, M., Gregorová, Z., Konotop, Y., Horník, M., Moravčíková, J., Kraic, J., **Mihálik, D.**, Matušiková, I. The Activity of Cell-Wall Modifying β -1,3-Glucanases in Soybean Grown in Presence of Heavy Metals. (2016) *Nova Biotechnologica et Chimica*, 15 (2), pp. 114-121. **IF (2016) = nemá**

Cited 2 times.

10.

Piliarová, M., Ondreičková, K., Hudcovicová, M., **Mihálik, D.**, Kraic, J. Arbuscular Mycorrhizal Fungi - Their Life and Function in Ecosystem (2019) *Agriculture*, 65 (1), pp. 3-15. **IF (2019) = nemá**

Cited 6 times.

11.

Kličová, L., Ondreičková, K., **Mihálik, D.**, Gubišová, M. The Choice of Suitable Conditions for Wheat Genetic Transformation. (2019) *Agriculture*, 65 (1), pp. 30-36. **IF (2019) = nemá**

Úžitkový vzory:

1. Primery pro detekci *Drechslera tritici-repentis* v pšenici : užitný vzor CZ 22600 / Jozef Gubiš, Martina Hudcovicová, Marcela Gubišová, Alžbeta Žofajová, Michaela Havrlentová, Martin Pastirčák, **Daniel Mihálik**, Katarína Bojnanská, Ján Kraic, P. Matušinsky, L. Tvarůžek. In: Praha : Úřad průmyslového vlastnictví, 2011. - 7 S. [cit. 2012-01-12]. Dostupné na: <http://isdv.upv.cz/portal/pls/portal/portlets.pts.det?xprim=1686139&lan=cs>

2. Múčna zmes na prípravu chleba a pečiva so zvýšeným obsahom vápnika: Úžitkový vzor SK 6798 / Marcela Gubišová, Jozef Gubiš, Alžbeta Žofajová, Soňa Gavurníková, Michaela Havrlentová, Katarína Ondreičková, **Daniel Mihálik**, Mária Lichvárová,

Darina Muchová, Ján Kraic. In: Úrad priemyslového vlastníctva Slovenskej republiky, 2014. – 4 S. Dostupné na:
<http://registre.indprop.gov.sk/registre/pdf/uv/6000/6798.pdf>

Čestne prehlasujem, že uvedené údaje sú pravdivé a aktuálne.



doc. Mgr. Daniel Mihálik, PhD.