

Zoznam publikačnej činnosti s ohlasmi - Zoznam ohlasov uvedených v citačných databázach WoS, SCOPUS

Mgr. Vladislav Kolarčík, PhD.

ADC - Vedecké práce v zahraničných karentovaných časopisoch (20)

- ADC1 Cytogeography of the *Phleum pratense* group (Poaceae) in the Carpathians and Pannonia / Marián Perný ... [et al.].
[Cytogeografia skupiny *Phleum pratense* (Poaceae) v Karpatoch a panónskej oblasti.]. - APVT-51-026404.
In: Botanical journal of the Linnean Society. - ISSN 0024-4074. - Roč. 157, č. 3 (2008), s. 475-485. CCC; SCOPUS; WOS;
2008 IF=1,189; 2008 Q2(Plant sciences) JCR; 2008 Q2(Ecology, evolution, behavior and systematics) Scimago; 2008 Q2(Plant science) Scimago
[PERNÝ, Marián (Autor, 50%) - KOLARČIK, Vladislav (Autor, 20%) - MAJESKÝ, Ľuboš (Autor, 20%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (10)

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SSEP 008992

- ADC2 Karyotypes and genome size of *Onosma* species from northern limits of the genus in Carpathians / Mártonfi Pavol, Mártonfióvá Lenka, Kolarčík Vladislav.

[Karyotypy a veľkosť genómu v druhoch rodu *Onosma* zo severnej hranice areálu rodu v Karpatoch.]. - Projekt: VEGA 1/2354/05. - Projekt: VEGA 1/0012/08. - Projekt: APVV 51-026404.

In: *Caryologia : International Journal of Cytology, Cytosystematics and Cytogenetics : giornale di citologia, citosistemica, e citogenetica*. - ISSN 0008-7114. - Roč. 61, č. 4 (2008), s. 363-374. Projekt: VEGA 1/2354/05 ; VEGA 1/0012/08 ; APVV 51-026404. CCC; SCOPUS; WOS;

2008 IF=0,231; 2008 Q4(Genetics & heredity) JCR; 2008 Q3(Agricultural and biological sciences (miscellaneous)) Scimago; 2008 Q4(Genetics) Scimago

[MÁRTONFI, Pavol (Korešpondenčný autor, 33.333%) - MÁRTONFIOVÁ, Lenka (Autor, 33.334%) - KOLARČIK, Vladislav (Autor, 33.333%)]

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SSEP 009886

- ADC3 Systematics and evolutionary history of the *Asterotricha* group of the genus *Onosma* (Boraginaceae) in central and southern Europe inferred from AFLP and nrDNA ITS data / V. Kolarčík, J. Zozomová-Lihová, P. Mártonfi.
[Systematika a evolučná história skupiny *Asterotricha* rodu *rumenica* (Borákovité) v strednej a južnej Európe na základe AFLP a nrDNA ITS dát].
In: Plant Systematics and Evolution. - ISSN 0378-2697. - Roč. 290, č. 1 (2010), s. 21-45.
Projekt: APVV 51-0266404 ; Evolučné trendy a taxonomické problémy v rode *Onosma* (Boraginaceae) - VEGA 1/0012/08 ; Evolučné trendy a taxonomické problémy v rode *Onosma* (Boraginaceae) - VEGA 1/0012/08. CCC; SCOPUS; WOS;
2010 IF=1,335; 2010 Q4(Evolutionary biology) JCR; 2010 Q2(Plant sciences) JCR; 2010 Q2(Ecology, evolution, behavior and systematics) Scimago; 2010 Q2(Plant science) Scimago
[KOLARČÍK, Vladislav (Autor, 33.333%) - ZOZOMOVÁ-LIHOVÁ, Judita (Autor, 33.334%) - MÁRTONFI, Pavol (Autor, 33.333%)]

Kategórie ohlasov do roku 2021: (37)

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Kategórie ohlasov od roku 2022: (13)

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SSEP 011511

- ADC4 Endopolyploidy in organs of *Trifolium pratense* L. in different ontogenetic stages / Nikola Straková ... [et al.].
[Endopolyploidia orgánov d'ateliny lúčnej v rôznych ontogenetických štádiách].
In: *Caryologia*. - ISSN 0008-7114. - Vol. 67, no. 2 (2014), s. 116-123. Projekt: VVGS 2012-35.
2014 CCC IF=0,740; 2014 Q4 (GENETICS & HEREDITY) ; Q3 (PLANT SCIENCES) SCIE; 2014 Q2 (Agricultural and Biological Sciences (miscellaneous)) ; Q4 (Genetics) Scimago
[OV 130];
[STRAKOVÁ, Nikola (Autor, 70%) - KOCOVARÁ, Valéria (Autor, 10%) - KOLARČIK, Vladislav (Autor, 10%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (2)

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SSEP 015426

- ADC5 Endopolyploidy patterns in organs of *Trifolium* species (Fabaceae) / Valéria Kocová ... [et al.].
[Endopolyploidia orgánov druhov rodu d'atelina (bôbovité)]. - VVGS 2012-35.
In: *Acta Biologica Cracoviensia : series: Botanica*. - ISSN 0001-5296. - Roč. 56, č. 1 (2014), s. 111-120. Projekt: VVGS 2012-35. CCC; SCOPUS; WOS;
2014 SJR=0,284; 2014 CiteScore=1,4; 2014 SNIP=0,751; 2014 IF=0,730; 2014 Q3(Plant sciences) JCR; 2014 Q3(Plant science) Scimago
[OV 130];
[KOCOVARÁ, Valéria (Autor, 70%) - KOLARČIK, Vladislav (Autor, 10%) - STRAKOVÁ, Nikola (Autor, 10%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (2)

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SSEP 015481

- ADC6 Evolutionary significance of hybridization in *Onosma* (Boraginaceae): analyses of stabilized hemisexual odd polyploids and recent sterile hybrids / Vladislav Kolarčík ... [et al.].
[Evolučný význam hybridizácie v rode rumenica (borákovité): analýza stabilizovaných hemisexuálnych polyploidov a recentných sterilných hybridov]. - Projekt: VEGA 1/0173/11. - VVGS 36/12-13.
In: *Biological Journal of the Linnean Society : a living forum for biology*. - ISSN 0024-4066. - č. 112 (2014), s. 89-107. Projekt: VEGA 1/0173/11. CCC; SCOPUS; WOS;
2014 SJR=1,269; 2014 CiteScore=4,3; 2014 SNIP=1,09; 2014 IF=2,264; 2014 Q3(Evolutionary biology) JCR; 2014 Q1(Ecology, evolution, behavior and systematics)

Scimago

[OV 130];

[KOLARČIK, Vladislav (Autor, 50%) - ZOZOMOVÁ-LIHOVÁ, Judita (Autor, 40%) - DUCÁR, Erik (Autor, 5%) - MÁRTONFI, Pavol (Autor, 5%)]

Kategórie ohlasov do roku 2021: (14)

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Kategórie ohlasov od roku 2022: (7)

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 (2023) [1] RIEZING, N. Taxa of Vascular Plants Endemic to the Pannonicum Floristic Region. In Acta Botanica Hungarica, 2023, roč. 65, č. 1-2, s. 133-207.
 (2024) [1] KALFUSOVÁ, R. et al. Epigenetic histone H3 phosphorylation marks discriminate between univalent- and bivalent-forming chromosomes during canina asymmetrical meiosis. In Annals of Botany, 2024, roč. 133, č. 3, s. 435 - 446.
 (2024) [1] PTÁČEK, Jan et al. Apomixis occurs frequently along the entire American Cordillera. In Botanical Journal of the Linnean Society, 2024, roč. 204, č. 1, s. 35 - 46.

SSEP 015425

- ADC7 Lectotypification of *Onosma viridis* and synonymization of *O. tornensis* with *O. viridis* (Boraginaceae) / Pavol Mártonfi, Vladislav Kolarčík, Lajos Somlyay.
 [Lektotypifikácia rumenice sviežej a synonymizácia r. turnianskej s r. sviežou (borákovitú)]. - Projekt: VEGA 1/0173/11.
 In: Annales Botanici Fennici. - ISSN 0003-3847. - Roč. 51, č. 4 (2014), s. 201-206. Projekt: VEGA 1/0173/11. CCC; SCOPUS; WOS;
 2014 SJR=0,462; 2014 CiteScore=1,5; 2014 SNIP=0,704; 2014 IF=0,698; 2014 Q3(Plant sciences) JCR; 2014 Q3(Ecology, evolution, behavior and systematics) Scimago; 2014 Q2(Plant science) Scimago
 [OV 130];
 [MÁRTONFI, Pavol (Autor, 50%) - KOLARČIK, Vladislav (Autor, 40%) - SOMLYAY, Lajos (Autor, 10%)]

Kategórie ohlasov do roku 2021: (2)

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SSEP 015480

- ADC8 Endoreduplication as a part of flower ontogeny in *Trifolium pratense* cultivars / Valéria Kocová ... [et al.].
 [Endoreduplikácia ako časť ontogenézy kvetov kultivarov d'ateliny lúčnej]. - Projekt: VEGA 1/0163/15. - VVGS 2015-493.
 In: Botanical Studies : An International Journal=Zhi wu xiu yan jiu. - ISSN 1817-406X. - Roč. 57, č. 34 (2016), art.no. 34, s. [1-5]. Projekt: Endopolyploidia vybraných taxónov rodov *Trifolium* a *Lotus* vo vzťahu k ich fyziologickým a produkčným parametrom - VEGA 1/0163/15. CCC; SCOPUS; WOS;
 2016 SJR=0,505; 2016 CiteScore=2,6; 2016 SNIP=0,759; 2016 IF=1,452; 2016 Q2(Plant

sciences) JCR; 2016 Q2(Plant science) Scimago

[OV 130];

[KOCOŤÁ, Valéria (Autor, 35%) - STRAKOVÁ, Nikola (Autor, 30%) - KOLARČIK, Vladislav (Autor, 15%) - RÁKAI, Albert (Autor, 10%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (1)

(2017) [1] KRASNEVSKA, N. et al. Endopolyploidy of endangered plant species *ligularia sibirica* in different environments. In *Vide. Tehnologija. Resursi - Environment, Technology, Resources*, 2017, vol. 1, s. 161-164.

SSEP 017304

ADC9 Identification of *Onosma visianii* roots extract and purified shikonin derivatives as potential acaricidal agents against *Tetranychus urticae* / Stefania Sut ... [et al.]..

[Identifikácia a purifikácia šikoninových derivátov z koreňového extraktu rumenice visianiho ako potenciálnych akaricídnych prostriedkov proti roztočcovi chmeľovom].

In: *Molecules*. - ISSN 1420-3049. - Roč. 22, č. 6 (2017), art no. 1002, s. 1-3. CCC;

SCOPUS; WOS;

2017 IF=3,098; 2017 SNIP=1,192; 2017 SJR=0,855; 2017 CiteScore=4,5; 2017

Q2(Biochemistry & molecular biology) JCR; 2017 Q2(Chemistry, multidisciplinary) JCR;

2017 Q1(Pharmaceutical science) Scimago; 2017 Q1(Chemistry (miscellaneous)) Scimago

[OV 100, 190, 130];

[SUT, Stefania (Autor, 30%) - PAVELA, Roman (Autor, 10%) - KOLARČIK, Vladislav (Autor, 10%) - CAPPELLACCI, Loredana (Autor, 10%) - PETRELLI, Riccardo (Autor, 10%) - MAGGI, Filippo (Autor, 10%) - DALL'ACQUA, Stefano (Autor, 10%) - BENELLI, Giovanni (Autor, 10%)]

Kategórie ohlasov od roku 2022: (5)

(2023) [1] FRAGKOULI, Regina - ANTONOPOULOU, Maria - ASIMAKIS, Elias - SPYROU, Alexandra - KOSMA, Chariklia - ZOTOS, Anastasios - TSIAMIS, George - PATAKAS, Angelos - TRIANTAFYLIDIS, Vassilios. Mediterranean Plants as Potential Source of Biopesticides: An Overview of Current Research and Future Trends. In *Metabolites*, 2023, roč. 13, č. 9.

(2023) [1] TEPE, Melike - ABADAN, Şebnem - SAGLAM, Mehmet F. - SÜZERER, Veysel - ERÇİN, Pelin Balçık - ATILLA, Devrim - BAYKAL, Esma Erciyas - ŞEKER, Mine Gül - YAĞCI, Tamer - ÇİFTÇİ, Yelda Özden. In vitro mass production, chemical modification, and cytotoxicity of shikonin derivatives on breast cancer cells. In *Industrial crops and products*, 2023, roč. 192.

(2024) [1] GAUTAM, Shweta - LAPČÍK, Lubomír - LAPČÍKOVÁ, Barbora. Pharmacological Significance of Boraginaceae with Special Insights into Shikonin and Its Potential in the Food Industry. In *Foods*, 2024, roč. 13, č. 9.

(2024) [1] OLATUNDE, Olagoke Zacchaeus - YONG, Jianping - LU, Canzhong - MING, Yanlin. A Review on Shikonin and its Derivatives as Potent Anticancer Agents Targeted against Topoisomerases. In *Current Medicinal Chemistry*, 2024, roč. 31, č. 8, s. 920-937.

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SSEP 018340

ADC10 Salinity has no effect on polysomatic pattern in seedlings of *Trifolium pratense* and *T. repens* / Valéria Kocová ... [et al.]..

[Salinita nemá vplyv na polysomatickosť semenáčikov d'ateliny lúčnej a d'ateliny plazivej]. - Projekt: VEGA 1/0163/15.

In: *Acta Biologica Cracoviensia* : series: Botanica. - ISSN 0001-5296. - Roč. 59, č. 1 (2017), s. 55-65. Projekt: VEGA 1/0163/15. CCC; WOS;

2017 *SJR*=0,323; 2017 *CiteScore*=1,4; 2017 *SNIP*=0,735; 2017 *IF*=0,800; 2017 *Q4(Plant sciences) JCR*; 2017 *Q3(Plant science) Scimago*

[OV 130, 190];

[KOCO VÁ, Valéria (Autor, 30%) - BUBANOVÁ, Dominika (Autor, 20%) - RÁKAI, Albert (Autor, 20%) - KOLARČIK, Vladislav (Autor, 15%) - MÁRTONFI, Pavol (Autor, 15%)]

Kategórie ohlasov do roku 2021: (1)

(2020) [1] GUPTA, P., SETH, C.S. Interactive role of exogenous 24 Epibrassinolide and endogenous NO in *Brassica juncea* L. under salinity stress: Evidence for NR-dependent NO biosynthesis. In *Nitric Oxide - Biology and Chemistry*, 2020, vol. 97, s. 33-47.

SSEP 018352

ADC11 Flow cytometric seed screen data are consistent with models of chromosome inheritance in asymmetrically compensating allopolyploids / V. Kolarčík, V. Kocová, D. Vašková.

[Údaje z prietokovej cytometrie zreých semien sú konzistentné s modelmi dedenia chromozómov v asymetricky kompenzujúcich alopolyploidoch].

In: *Cytometry Part A : the journal of the International Society for Analytical Cytology*. -

ISSN 1552-4922. - Roč. 93, č. 7 (2018), s. 737-748. Projekt: Evolučné procesy a reprodukčné stratégie v rode *Onosma* - VEGA 1/0512/15 ; Diverzita reprodukčných systémov v hybridných taxónoch rodu *Onosma* L. - VVGS 2014-212. 10.1002/cyto.a.23511 DOI;DOI; CCC; SCOPUS; WOS;

2018 *SJR*=1,517; 2018 *CiteScore*=5,5; 2018 *SNIP*=0,911; 2018 *IF*=3.433; 2018 *Q2(Biochemical research methods) JCR*; 2018 *Q3(Cell biology) JCR*; 2018 *Q1(Histology) Scimago*; 2018 *Q1(Pathology and forensic medicine) Scimago*; 2018 *Q2(Cell biology) Scimago*

[OV 130];

[KOLARČIK, Vladislav (Autor, 60%) - KOCO VÁ, Valéria (Autor, 10%) - VAŠKOVÁ, Dominika (Autor, 30%)]

Kategórie ohlasov do roku 2021: (3)

(2018) [1] DICKINSON, Timothy A.. Sex and Rosaceae apomicts. In *Taxon*, 2018, roč. 67, č. 6, s. 1093-1107.

(2019) [1] KAUSHAL, Pankaj - DWIVEDI, Krishna K. - RADHAKRISHNA, Auji - SRIVASTAVA, Manoj K. - KUMAR, Vinay - ROY, Ajoy Kumar - MALAVIYA, Devendra R.. Partitioning Apomixis Components to Understand and Utilize Gametophytic Apomixis. In *Frontiers in Plant Science*, 2019, roč. 10, č. 3.

(2020) [1] MACKOVÁ, Lenka - NOSKOVÁ, Jana - ĎURIŠOVÁ, Ľuba - URFUS, Tomáš. Insights into the cytotype and reproductive puzzle of *Cotoneaster integerrimus* in the Western Carpathians. In *Plant Systematics and Evolution* [online] 2020, roč. 306, č. 3, s. 1-14, art. no. 58 .

Kategórie ohlasov od roku 2022: (4)

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(2021) [1] SLIWINSKA, Elwira - LOUREIRO, João - LEITCH, Ilia J. - ŠMARDA, Petr - BAINARD, Jillian - BUREŠ, Petr - CHUMOVÁ, Zuzana - HOROVÁ, Lucie - KOUTECKÝ, Petr - LUČANOVÁ, Magdalena - TRÁVNÍČEK, Pavel - GALBRAITH, David W.. Application-based guidelines for best practices in plant flow cytometry. In *Cytometry Part A*, 2021.

(2024) [1] PTÁČEK, Jan - SKLENÁŘ, Petr - KLIMEŠ, Adam - ROMOLEROUX, Katya - VIDAL-RUSSELL, Romina - URFUS, Tomáš. Apomixis occurs frequently along the entire American Cordillera. In *Botanical journal of the Linnean Society*, 2024, roč. 204, č. 1, s. 35-46.

SSEP 019575

ADC12 Nuclear genome size variation in the allopolyploid *Onosma arenaria* – *O. pseudoarenaria* species group: methodological issues and revised data / V. Kolarčík ... [et al.].
[Variabilita veľkosti jadrového genómu v alopolyploidnej skupine *Onosma arenaria* – *O. pseudoarenaria*: metodologické problémy a revidované údaje].
In: *Botany*. - ISSN 1916-2790. - Roč. 96, č. 6 (2018), s. 397-410. Projekt: Evolučné procesy a reprodukčné stratégie v rode *Onosma* - VEGA 1/0512/15. 10.1139/cjb-2017-0164
DOI; DOI; CCC; WOS; SCOPUS;
2018 SJR=0,491; 2018 CiteScore=2,1; 2018 SNIP=0,736; 2018 IF=1.315; 2018 Q3(Plant sciences) JCR; 2018 Q2(Ecology) Scimago; 2018 Q2(Plant science) Scimago; 2018 Q3(Ecology, evolution, behavior and systematics) Scimago
[OV 130];
[KOLARČÍK, Vladislav (Autor, 60%) - KOCOVARÁ, Valéria (Autor, 20%) - CAKOVIĆ, Danko (Autor, 5%) - KAČMÁROVÁ, Tatiana (Autor, 5%) - PIOVÁR, Juraj (Autor, 5%) - MÁRTONFI, Pavol (Autor, 5%)]

Kategórie ohlasov do roku 2021: (1)

(2019) [1] KOBRLOVA, Lucie - HRONES, Michal. First insights into the evolution of genome size in the borage family: a complete data set for Boraginaceae from the Czech Republic. In *Botanical journal of the Linnean Society*, 2019, roč. 189, č. 2, s. 115-131.

Kategórie ohlasov od roku 2022: (4)

(2022) [1] KOBRLOVÁ, Lucie - DUCHOSLAV, Martin - HRONEŠ, Michal. Morphological, ecological and geographic differences between diploids and tetraploids of *Symphytum officinale* (Boraginaceae) justify both cytotypes as separate species. In *AoB PLANTS*, 2022, roč. 14, č. 4.

(2022) [1] MAJESKÝ, Ľuboš - HRONEŠ, Michal - KITNER, Miloslav - VÁLOVÁ, Lenka - MÁRTONFIOVÁ, Lenka - PLACHNO BARTOSZ, Jan - CONTI, Fabio - DANČÁK, Martin. *Pinguicula vulgaris* in central Europe: when does one species turn into another?. In *Preslia* [online] 2022, roč. 94, č. 2, s. 275-304.

(2023) [1] RIEZING, N.. Taxa of Vascular Plants Endemic to the Pannonicum Floristic

Region. In Acta botanica Hungarica, 2023, roč. 65, s. 133-207.

(2024) [1] KOBRLOVÁ, Lucie - ČÍŽKOVÁ, Jana - ZOULOVÁ, Veronika - VEJVODOVÁ, Kateřina - HŘIBOVÁ, Eva. First insight into the genomes of the *Pulmonaria officinalis* group (Boraginaceae) provided by repeatome analysis and comparative karyotyping. In BMC Plant Biology, 2024, roč. 24, č. 1.

SSEP 019574

ADC13 Usnic acid, as a biotic factor, changes the ploidy level in mosses [elektronický zdroj] /

Michal Goga ... [et al.].

[Kyselina usnová, ako biotický faktor, mení level ploidie v machoch].

In: Ecology and Evolution. - ISSN 2045-7758. - Roč. 8, č. 5 (2018), s. 2781-2787, online. -

Spôsob prístupu: [https://www.scopus.com/record/display.uri?eid=2-s2.0-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85041503720&origin=resultslist)

85041503720&origin=resultslist. Projekt: Alelopatický účinok sekundárnych metabolitov

lišajníkov - VEGA 1/0792/16. 10.1002/ece3.3908 DOI;DOI; CCC; SCOPUS; WOS;

2018 IF=2,415; 2018 SJR=1,256; 2018 CiteScore=3,5; 2018 SNIP=1,021; 2018

Q2(Ecology) JCR; 2018 Q3(Evolutionary biology) JCR; 2018 Q1(Ecology) Scimago; 2018

Q1(Ecology, evolution, behavior and systematics) Scimago; 2018 Q1(Nature and landscape conservation) Scimago

[OV 100, 130];

[GOGA, Michal (Autor, 25%) - RUČOVÁ, Dajana (Autor, 20%) - KOLARČIK, Vladislav

(Autor, 25%) - SABOVLJEVIĆ, Marko S. (Autor, 10%) - BAČKOR, Martin (Autor, 10%

) - LANG, Ingeborg (Autor, 10%)]

Kategórie ohlasov do roku 2021: (3)

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(2021) [1] LOBATO-DE MAGALHÃES, Tatiana - MURPHY, Kevin - EFREMOV, Andrey - CHEPINOGA, Victor - DAVIDSON, Thomas A. - MOLINA-NAVARRO, Eugenio. Ploidy state of aquatic macrophytes: Global distribution and drivers. In Aquatic botany, 2021, roč. 173.

Kategórie ohlasov od roku 2022: (2)

(2022) [1] DUNKER, Susanne - BOYD, Matthew - DURKA, Walter - ERLER, Silvio - HARPOLE, W. Stanley - HENNING, Silvia - HERZSCHUH, Ulrike - HORNICK, Thomas - KNIGHT, Tiffany - LIPS, Stefan - MÄDER, Patrick - ŠVARA, Elena Motivans - MOZAROWSKI, Steven - RAKOSY, Demetra - RÖMERMANN, Christine - SCHMITT-JANSEN, Mechthild - STOOF-LEICHSENDRING, Kathleen - STRATMANN, Frank - TREUDLER, Regina - VIRTANEN, Risto - WENDT-POTTHOFF, Katrin - WILHELM, Christian. The potential of multispectral imaging flow cytometry for environmental monitoring. In Cytometry Part A, 2022, roč. 101, č. 9, s. 782-799.

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SSEP 019713

ADC14 Allelopathic effects of lichen metabolite usnic acid on growth and physiological responses of Norway spruce and Scots pine seedlings / M. Pizňak ... [et al.].

[Alelopatický účinok lišajníkového metabolitu kyseliny usnovej na rast a fyziologické odpovede semenáčikov smreka obyčajného a borovice lesnej].

In: South African Journal of Botany : an International Interdisciplinary Journal for Plant Sciences : Amptelike tydskrif van die Suid-Afrikaanse Genootskap van Plantkundiges=Suid-Afrikaanse tydskrif vir plantkunde. - ISSN 0254-6299. - č. 124 (2019), s. 14-19. Projekt: Alelopatický účinok sekundárnych metabolitov lišajníkov - VEGA 1/0792/16.

10.1016/j.sajb.2019.04.011 DOI;DOI; CCC; SCOPUS; WOS;

2019 SJR=0,479; 2019 CiteScore=2,8; 2019 SNIP=1,072; 2019 IF=1.792; 2019 Q2(Plant sciences) JCR; 2019 Q2(Plant science) Scimago

[OV 130];

[PIZŇAK, Martin (Autor, 50%) - KOLARČIK, Vladislav (Autor, 20%) - GOGA, Michal (Autor, 20%) - BAČKOR, Martin (Autor, 10%)]

Kategórie ohlasov do roku 2021: (2)

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SSEP 020752

ADC15 Breeding Systems in Diploid and Polyploid Hawthorns (Crataegus): Evidence from Experimental Pollinations of C. monogyna, C. subsphaerica, and Natural Hybrids [elektronický zdroj] / Dominika Vašková, Vladislav Kolarčík.

[Reprodukčné systémy v diploidných a polyploidných hlohoch (Crataegus): Dôkazy z experimentálnych opelení C. monogyna, C. subsphaerica a hybridov].

In: Forests. - ISSN 1999-4907. - Roč. 10, č. 12 (2019), art. no. 1059, s. 1-19, online. - Spôsob prístupu: <https://www.mdpi.com/1999-4907/10/12/1059>. Projekt: Vývinová biológia, polyploidizácia a interakcia cytotypov v sexuálno-asexuálnych rastlinných skupinách - VEGA 1/0741/19. 10.3390/F10121059 DOI;DOI; CCC; WOS; SCOPUS;

2019 IF=2,221; 2019 SJR=0,652; 2019 CiteScore=2,7; 2019 SNIP=0,941; 2019 Q1(Forestry) JCR; 2019 Q1(Forestry) Scimago

[OV 130];

[VAŠKOVÁ, Dominika (Autor, 70%) - KOLARČIK, Vladislav (Autor, 30%)]

Kategórie ohlasov od roku 2022: (4)

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SSEP 021043

ADC16 Parasitic infection of *Cobitis elongatoides* Băcescu & Mayer, 1969 by zoonotic metacercariae *Clinostomum complanatum* (Rudolphi, 1814) / Jakub Fedorčák ... [et al.]. [Parazitárna infekcia druhu *Cobitis elongatoides* Băcescu & Mayer, 1969 (plž podunajský) zoonotickými metacerkariami *Clinostomum complanatum* (Rudolphi, 1814)]. In: *Journal of Fish Diseases*. - ISSN 0140-7775. - Roč. 42, č. 12 (2019), s. 1677-1685. Projekt: Ktoré faktory sú významné pri tvorbe klonov a úloha parazito-hostiteľských vzťahov a rozdelenia niky v tomto procese - VEGA 1/0918/17 ; Vedecká výučba v ekologickom vzdelávaní: kolaboratívny prístup "Terén – Laboratórium – Aplikácia" - KEGA 005/PU4-2019 ; Rozvoj výskumnej a technickej infraštruktúry Prešovskej univerzity - II. etapa - KEGA 001PU-2-1/2018 ; Emerging and Re-emerging Zoonotic Parasitosis Caused by Fish-Borne Parasites: Health Risks Associated with Consumption of Fish SAS-MOST JRP 2016/7. 10.1111/jfd.13097 DOI;DOI; CCC; SCOPUS; WOS; 2019 *SJR*=0,763; 2019 *CiteScore*=3,8; 2019 *SNIP*=0,998; 2019 *IF*=2.318; 2019 *Q1(Veterinary sciences) JCR*; 2019 *Q1(Veterinary (miscellaneous)) Scimago*; 2019 *Q2(Aquatic science) Scimago*; 2019 *Q1(Fisheries) JCR*; 2019 *Q2(Marine & freshwater biology) JCR* [OV 130, 200]; [FEDORČÁK, Jakub (Autor, 40%) - ŠMIGA, Ľubomír (Autor, 5%) - KUTSOKON, Iuliia (Autor, 3%) - KOLARČIK, Vladislav (Autor, 5%) - KOŠČOVÁ, Lenka (Autor, 2%) - OROS, Mikuláš (Autor, 5%) - KOŠČO, Ján (Autor, 40%)]

Kategórie ohlasov do roku 2021: (5)

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- (2023) [1] DORIGO, Luca - SACCA, Elena - BERALDO, Paola. PRIMA SEGNALE PER IL FRIULI VENEZIA GIULIA DI *CLINOSTOMUM COMPLANATUM* (RUDOLPHI, 1814) (DIGENEA, CLINOSTOMIDAE) E RINVENIMENTO DELLA SPECIE IN *COBITIS BILINEATA* CANESTRINI, 1886 E *TELESTES MUTICELLUS* (BONAPARTE, 1837). In *Gortania. Botanica zoologia*, 2023, roč. 45, s. 65-70.
- (2023) [1] MENCONI, Vasco - LAZZARO, Elena - BERTOLA, Michela - GUARDONE, Lisa - MAZZUCATO, Matteo - PREARO, Marino - BILSKA-ZAJAC, Ewa - CORTINOVIS, Luana - MANFRIN, Amedeo - ARCANGELI, Giuseppe - ANGELONI, Giorgia. The Occurrence of Freshwater Fish-Borne Zoonotic Helminths in Italy and Neighbouring Countries: A Systematic Review. In *Animals*, 2023, roč. 13, č. 24.
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SSEP 020852

ADC17 Pollen morphology in natural diploid-polyploid hybridogamous complex of the genus *Onosma* (Boraginaceae-Lithospermeae) / V. Kolarčík ... [et al.].
[Morfológia peľu v prirodzenom hybridogénnom komplexe diploidov a polyploidov v rode *Onosma* (Boraginaceae-Lithospermeae)].
In: *Plant Systematics and Evolution*. - ISSN 0378-2697. - Roč. 305, č. 2 (2019), s. 151-168.
Projekt: Evolučné procesy a reprodukčné stratégie v rode *Onosma* - VEGA 1/0512/15.
10.1007/s00606-018-1559-3 DOI;DOI; CCC; SCOPUS; WOS;
2019 IF=1.328; 2019 SJR=0,547; 2019 CiteScore=2,9; 2019 SNIP=0,785; 2019 Q4(Evolutionary biology) JCR; 2019 Q3(Plant sciences) JCR; 2019 Q2(Ecology, evolution, behavior and systematics) Scimago; 2019 Q2(Plant science) Scimago
[OV 130, 190];

[KOLARČIK, Vladislav (Autor, 60%) - VAŠKOVÁ, Dominika (Autor, 20%) - MIRKOVÁ, Martina (Autor, 15%) - MÁRTONFI, Pavol (Autor, 5%)]

Kategórie ohlasov do roku 2021: (1)

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Kategórie ohlasov od roku 2022: (5)

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SSEP 020122

ADC18 Endopolyploidy pattern in *Corydalis* early spring geophytes / Vladislav Kolarčík ... [et al.]. In: *Flora : morphology, distribution, functional ecology of plants*. - ISSN 0367-2530. - č. 270 (2020), art.no. 151651, s. [1-10]. Projekt: Bioticky indukovaná endoreduplikácia krytosemenných rastlín - VEGA 1/0669/19. 10.1016/j.flora.2020.151651 DOI;DOI; CCC; SCOPUS; WOS; 2020 IF=2,092; 2020 SJR=0,549; 2020 CiteScore=3,3; 2020 SNIP=0,933; 2020 AIS=0.442; 2020 Q2(Plant sciences) JCR; 2020 Q3(Ecology) JCR; 2020 Q2(Ecology) Scimago; 2020 Q2(Ecology, evolution, behavior and systematics) Scimago; 2020 Q2(Plant science) Scimago; 2020 Q2(Plant sciences) AIS; 2020 Q3(Ecology) AIS [OV 130, 100];

[KOLARČIK, Vladislav (Autor, 25%) - FRÁKOVÁ, Viera (Autor, 25%) - KOCOVAR, Valéria (Autor, 20%) - KOPRIVÝ, Lukáš (Autor, 20%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (1)

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SSEP 021608

ADC19 Phytochemical profiling of several *Hypericum* species identified using genetic markers / Katarína Bruňáková, Miroslava Bálintová, Jana Henzelyová, Vladislav Kolarčík, Andrea Kimáková, Linda Petijová, Eva Čellárová.
 In: *Phytochemistry : an international journal of plant biochemistry*. - ISSN 0031-9422. - č. 187 (2021), art. no. 112742, s. [1-16]. Projekt: Génové klastre biosyntetických génov skyrínu v endofytických hubách: kľúč k objasneniu biosyntézy hypericínu v rode *Hypericum* - VEGA 1/0013/19 ; Nové antrachinóny prírodného pôvodu pre biomedicínske aplikácie - APVV APVV-18-0125. 10.1016/j.phytochem.2021.112742 DOI;DOI; SCOPUS; CCC; WOS;
 2021 CiteScore=6,2; 2021 IF=4.004; 2021 SJR=0,763; 2021 SNIP=1,624; 2021 AIS=0.642; 2021 Q1(Plant sciences) JCR; 2021 Q3(Biochemistry & molecular biology) JCR; 2021 Q1(Horticulture) Scimago; 2021 Q1(Plant science) Scimago; 2021 Q2(Biochemistry) Scimago; 2021 Q2(Medicine (miscellaneous)) Scimago; 2021 Q3(Molecular biology) Scimago; 2021 Q2(Plant sciences) AIS; 2021 Q3(Biochemistry & molecular biology) AIS
 [OV 200, 130];
 [BRUŇÁKOVÁ, Katarína (Autor, 30%) - BÁLINTOVÁ, Miroslava (Autor, 30%) - HENZELYOVÁ, Jana (Autor, 10%) - KOLARČIK, Vladislav (Autor, 10%) - KIMÁKOVÁ, Andrea (Autor, 5%) - PETIJOVÁ, Linda (Autor, 10%) - ČELLÁROVÁ, Eva (Autor, 5%)]

Kategórie ohlasov do roku 2021: (1)

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SSEP 022199

ADD - Vedecké práce v domácich karentovaných časopisoch (3)

ADD1 Chromosome number and DNA ploidy level reports from Central Europe - 2 : Reports (17-22) / Pavol Mered'a, Iva Hodálová, Pavol Mártonfi, Vladislav Kolarčík. [Reporty (17-22)].

In: Biologia : section Botany. - ISSN 0006-3088. - Roč. 61, č. 1 (2006), s. 115-120.

2006 CCC IF=0,213; 2006 Q4 (Biology) SCIE; 2006 Q3 (Ecology) ; Q4 (Plant Science) Scimago

[MERED'A, Pavol (Autor, 40%) - HODÁLOVÁ, Iva (Autor, 20%) - MÁRTONFI, Pavol (Autor, 20%) - KOLARČIK, Vladislav (Autor, 20%)]

Kategórie ohlasov do roku 2021: (1)

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SSEP 006864

ADD2 Palynological analysis of five selected Onosma taxa / Filippo Maggi ... [et al.].

In: Biologia. - ISSN 0006-3088. - Roč. 63, č. 2 (2008), s. 183-186. CCC; SCOPUS; WOS; 2008 IF=0,406; 2008 Q4(Biology) JCR; 2008 Q4(Ecology) Scimago; 2008 Q4(Plant science) Scimago

[MAGGI, Filippo (Autor, 33.333%) - KOLARČIK, Vladislav (Autor, 33.334%) - MÁRTONFI, Pavol (Autor, 33.333%)]

Kategórie ohlasov do roku 2021: (10)

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(2018) [1] MAZARI, P., HAO, J.-C., LIU, Q.-R., AHMAD, L. Pollen morphology of genus *Eritrichium* Schrad.(Boraginaceae) from Pan Himalaya and China(pollen morphology of *Eritrichium* Schard. Species). In *Pakistan Journal of Botany*, 2018, vol. 50, no. 4, s. 1539-1550.

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(2019) [1] MAZARI, P., LIU, Q.-R. Pollen morphology and systematic significance of some *onosma* l. Species (boraginaceae) distributed in pan himalayan regions. In *Pakistan Journal of Botany*, 2019, vol. 51, no. 6, s. 2237-2250.

(2021) [1] KHAJOEI NASAB, F., MEHRABIAN, A.R., NEMATI, A. Taxonomic revision of the *Onosma gaubae* Ssensu lato (Boraginaceae) based on morphological and ecological analysis. In *Plant Biosystems*, 2021, roč. 155, č. 5, s. 1019-1031.

Kategórie ohlasov od roku 2022: (2)

(2021) [1] SUNA, H. et al. Anatomical and palynological characteristics of endemic *Onosma polyantha* DC. and *Onosma mitis* Boiss. & Heldr. from Turkey. In *Pakistan Journal of Botany*, 2021, roč. 53, č. 6, s. 2171-2178.

(2023) [1] KHAJOEI NASAB, F., NEJAD FALATOURY, A., MEHRABIAN, A. Pollen morphology in Iranian species of *Onosma* (Boraginaceae). In *Plant Biosystems*, 2023, roč. 157, č. 2, s. 437-454.

SSEP 008370

ADD3 Evaluation of endopolyploidy patterns in selected *Capsicum* and *Nicotiana* species (Solanaceae) / Viera Fráková ... [et al.].
In: *Biologia*. - ISSN 0006-3088. - Roč. 76, č. 7 (2021), -2092. Projekt: Bioticky indukovaná endoreduplikácia krytosemenných rastlín - VEGA 1/0669/19. 10.1007/s11756-021-00704-1 DOI;DOI; CCC; SCOPUS; WOS;
2021 CiteScore=2,1; 2021 IF=1.653; 2021 SJR=0,339; 2021 SNIP=0,774; 2021 AIS=0.248; 2021 Q3(Biology) JCR; 2021 Q3(Animal science and zoology) Scimago; 2021 Q3(Ecology, evolution, behavior and systematics) Scimago; 2021 Q3(Plant science) Scimago; 2021 Q4(Biochemistry) Scimago; 2021 Q4(Cell biology) Scimago; 2021 Q4(Genetics) Scimago; 2021 Q4(Molecular biology) Scimago; 2021 Q4(Biology) AIS [OV 190, 130, 100];
[FRÁKOVÁ, Viera (Autor, 35%) - KOPRIVÝ, Lukáš (Autor, 30%) - PAĽOVÁ, Marianna (Autor, 5%) - KOLARČIK, Vladislav (Autor, 20%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (1)

(2021) [2] ELIÁŠ, Pavol - VANTAROVÁ, Katarína. Progress in Slovak botany: a successful path to modern research on flora and vegetation. In *Biologia*, 2021, roč. 76, č. 7, s. 1901-1907.

Kategórie ohlasov od roku 2022: (2)

(2023) [1] STRASHNYUK, Volodymyr Yu - SHAKINA, Lyubov A. - SKOROBAGATKO, Daria A.. Variability of polyteny of giant chromosomes in *Drosophila melanogaster* salivary glands. In *Genetica*, 2023, roč. 151, č. 1, s. 75-86.

(2025) [1] VOLODYMYRSTRASHNYUK, - VAKULENKO, Evgenij - KOPTEVTSOVA, Yelyzaveta. Seasonal variation in endoreduplication and polyteny in the fruit fly *Drosophila melanogaster* (Diptera: Drosophilidae): How does it contribute to adaptation?. In European Journal of Entomology, 2025, roč. 122, s. 1-10.

SSEP 022350

ADF - Vedecké práce v ostatných domácich časopisoch (1)

- ADF1 Revision of the distribution of the genus *Onosma* (Boraginaceae) in Slovakia / Vladislav Kolarčík, Pavol Mártonfi.
[Revízia rozšírenia rodu *Onosma* (Boraginaceae) na Slovensku].
In: Thaiszia Journal of Botany. - ISSN 1210-0420. - Roč. 16 (2006), s. 131-154.
[KOLARČIK, Vladislav (Autor, 50%) - MÁRTONFI, Pavol (Autor, 50%)]

Kategórie ohlasov do roku 2021: (2)

- (2009) [1] PAVLOVA, P. *Onosma bulgarica* sp. nov. (Boraginaceae-Lithospermeae) found ...
In Nordic Journal of Botany, 2009, vol. 27, no. 3, s. 216-221.
(2013) [1] KOYUNCU, Onur et al. A new *Onosma* (Boraginaceae) species from Central Anatolia, Turkey. Plant Systematics and Evolution, 2013, vol. 299, no. 10, s. 1839-1847.

SSEP 007649

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

- ADM1 Intra-population chemical polymorphism in *Thymus pannonicus* All. growing in Slovakia / Filippo Maggi ... [et al.].
[Vnútropopulačný chemický polymorfizmus materinej dúšky panónskej rastúcej na Slovensku].
In: Natural product research. - ISSN 1478-6419. - Roč. 28, č. 19 (2014), s. 1557-1566.
10.1080/14786419.2014.926355 DOI;DOI; SCOPUS; WOS;
2014 SJR=0,407; 2014 CiteScore=1,8; 2014 SNIP=0,772; 2014 IF=0,919; 2014 Q3(Chemistry, applied) JCR; 2014 Q4(Chemistry, medicinal) JCR; 2014 Q3(Analytical chemistry) Scimago; 2014 Q3(Biochemistry) Scimago; 2014 Q3(Organic chemistry) Scimago; 2014 Q2(Plant science) Scimago
[OV 130];
[MAGGI, Filippo (Autor, 40%) - CAPRIOLI, Giovanni (Autor, 10%) - PAPA, Fabrizio (Autor, 10%) - SAGRATINI, Gianni (Autor, 10%) - VITTORI, Sauro (Autor, 10%) - KOLARČIK, Vladislav (Autor, 10%) - MÁRTONFI, Pavol (Autor, 10%)]

Kategórie ohlasov do roku 2021: (7)

- (2015) [1] JIANU, C., MIHAIL, R., MUNTEAN, S.G., POP, G., DALIBORCA, V.C., HORHAT, F.G., NITU, R. Composition and antioxidant capacity of essential oils obtained from *Thymus vulgaris*, *Thymus pannonicus* and *Satureja Montana* grown in Western Romania. In Revista de Chimie, 2015, vol. 66, no. 12, s. 2157-2160.
(2016) [1] ARSENIJEVIĆ, J. et al. Bioactivity of herbal tea of Hungarian thyme based on the composition of volatiles and polyphenolics. In Industrial Crops and Products, 2016, vol. 89, s. 14-20.
(2016) [1] DELOGU, G., JULIANO, C.C.A., USAI, M. *Thymus catharinae* Camarda essential oil: β -cyclodextrin inclusion complexes, evaluation of antimicrobial activity. In

Natural Product Research, 2016, vol. 30, no. 18, s. 2049-2057.

(2016) [1] STATTI, Giancarlo. Phytochemical Components of Aromatic Plants and Factors Influencing Their Variability. In BAGETTA, G., COSENTINO, M., SAKURADA, T. (ed.) AROMATHERAPY: BASIC MECHANISMS AND EVIDENCE-BASED CLINICAL USE. Book Series: Clinical Pharmacognosy. 2016, vol. 2, s. 59-83.

(2019) [1] ARSENIJEVIC, J. et al. Comparison of essential oils and hydromethanol extracts of cultivated and wild growing *Thymus pannonicus* All. In Industrial Crops and Products, 2019, vol. 130, s. 162-169.

(2019) [1] PAVELA, R. et al. Chemical profiles and insecticidal efficacy of the essential oils from four *Thymus* taxa growing in central-southern Italy. In Industrial Crops and Products, 2019, vol. 138, art. no. 111460.

(2020) [1] WESTER, P., MOSELER, B.M., KNOSS, W. Intra-population terpene polymorphism of *Thymus pulegioides* L.: Evidence for seven chemotypes in a German limestone grassland. In Biochemical Systematics and Ecology, 2020, roč. 93, art. no. 104173.

Kategórie ohlasov od roku 2022: (1)

(2024) [1] PLUHÁR, Zsuzsanna et al. Variations in Essential Oil Composition and Chemotype Patterns of Wild Thyme (*Thymus*) Species in the Natural Habitats of Hungary. In Horticulturae, 2024, roč. 10, č. 2, art. no. 150.

SSEP 015428

ADM2 Spatial and temporal patterns of endopolyploidy in mosses / Mariana Paľová ... [et al.]. In: Genes. - ISSN 2073-4425. - Roč. 12, č. 1 (2021), s. 1-16]. Projekt: Bioticky indukovaná endoreduplikácia krytosemenných rastlín - VEGA 1/0669/19. 10.3390/genes12010027 DOI;DOI; SCOPUS; 2021 IF=4.141; 2021 SNIP=1,042; 2021 SJR=1,032; 2021 CiteScore=5; 2021 AIS=0.968; 2021 Q2(Genetics & heredity) JCR; 2021 Q2(Genetics) Scimago; 2021 Q2(Genetics (clinical)) Scimago; 2021 Q2(Genetics & heredity) AIS [OV 100, 130, 190]; [PAĽOVÁ, Marianna (Autor, 50%) - RUČOVÁ, Dajana (Autor, 15%) - GOGA, Michal (Autor, 5%) - KOLARČIK, Vladislav (Autor, 30%)]

Kategórie ohlasov od roku 2022: (1)

(2022) [1] SLIWINSKA, Elwira. Investigations on Nuclear DNA Content and DNA Synthesis in Plants and Fungi Using Flow Cytometry and Fluorescence Microscopy. In Genes, 2022, roč. 13, č. 3.

SSEP 021923

V3 - Vedecký výstup publikačnej činnosti z časopisu (5)

V3 1 Genome size and endoreplication in two pairs of cytogenetically contrasting species of *Pulmonaria* (Boraginaceae) in Central Europe / Lukáš Koprivý ... [et al.]. - recenzované. In: AoB PLANTS. - ISSN 2041-2851. - Roč. 14, č. 5 (2022), art.no. plac036, s. 1-16. 10.1093/aobpla/plac036 DOI;DOI; CCC; WOS; SCOPUS; 2022 AIS=0.770; 2022 CiteScore=5,4; 2022 impact factor=2.9; 2022 SJR=0,88; 2022 SNIP=0,998; 2022 Q2(Ecology) JCR; 2022 Q2(Plant sciences) JCR; 2022 Q1(Plant science) Scimago; 2022 Q2(Ecology) AIS; 2022 Q1(Plant sciences) AIS; 2022 Q2(Ecology) JCI; 2022 Q2(Plant sciences) JCI [OV 130]; [ŠO 1536] [KOPRIVÝ, Lukáš (Autor, 40%) - FRÁKOVÁ, Viera (Autor, 12%) - KOLARČIK,

Vladislav (Autor, 25%) - MÁRTONFIOVÁ, Lenka (Autor, 15%) - DUDÁŠ, Matej (Autor, 3%) - MÁRTONFI, Pavol (Autor, 5%)]

Kategórie ohlasov od roku 2022: (3)

(2022) [1] MEHRAVI, Shaghayegh - KARIMZADEH, Ghasem - KORDENAEJ, Alaeddin - HANIFEI, Mehrdad. Mixed-Ploidy and Dysploidy in *Hypericum perforatum*: A Karyomorphological and Genome Size Study. In *Plants*, 2022, roč. 11, č. 22, art. no. 3068

(2023) [1] KOŁODZIEJCZYK, Izabela - TOMCZYK, Przemysław - KAŻMIERCZAK, Andrzej. Endoreplication—Why Are We Not Using Its Full Application Potential?. In *International journal of molecular sciences*, 2023, roč. 24, č. 14, art. no. 11859

(2024) [1] KOBRLOVÁ, Lucie - ČÍŽKOVÁ, Jana - ZOULOVÁ, Veronika - VEJVODOVÁ, Kateřina - HŘIBOVÁ, Eva. First insight into the genomes of the *Pulmonaria officinalis* group (Boraginaceae) provided by repeatome analysis and comparative karyotyping. In *BMC Plant Biology*, 2024, roč. 24, č. 1.

SSEP 023263

- V3 2 Variability of Reproduction Pathways in the Central-European Populations of Hawthorns with Emphasis on Triploids [elektronický zdroj] / Vladislav Kolarčík ... [et al.]. [Variabilita reprodukčných spôsobov v stredoeurópskych populáciách hlohov s dôrazom na triploidy]. - recenzované.

In: *Plants*. - ISSN 2223-7747. - Roč. 11, č. 24 (2022), art. no. 3497, s. [1-25], online. -

Spôsob prístupu: [https://www.scopus.com/record/display.uri?eid=2-s2.0-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85144660025&origin=resultslist)

85144660025&origin=resultslist. Projekt: Vývinová biológia, polyploidizácia a interakcia cytotypov v sexuálno-asexuálnych rastlinných skupinách - VEGA 1/0741/19. 10.3390/plants11243497 DOI;DOI; SCOPUS;

2022 *Nordic List*=1; 2022 *AIS*=0.623; 2022 *CiteScore*=5,4; 2022 *impact factor*=4.5;

2022 *SJR*=0,79; 2022 *SNIP*=1,277; 2022 *Q1(Plant sciences) JCR*; 2022 *Q1(Ecology)*

Scimago; 2022 *Q1(Ecology, evolution, behavior and systematics) Scimago*; 2022

Q1(Plant science) Scimago; 2022 *Q2(Plant sciences) AIS*; 2022 *Q1(Plant sciences) JCI*

[OV 130, 190, 100]; [ŠO 1536 1610 4219]

[KOLARČIK, Vladislav (Korešpondenčný autor, 65%) - KOCOVÁ, Valéria (Autor, 10%) - MIKOLÁŠ, Vlastimil (Autor, 5%) - MÁRTONFIOVÁ, Lenka (Autor, 5%) - HAJDUČEKOVÁ, Nikola (Autor, 10%) - MÁRTONFI, Pavol (Autor, 5%)]

Kategórie ohlasov od roku 2022: (2)

(2023) [1] DICKINSON, Timothy A. - HAN, Shery. WHAT IS SUKSDORF'S HAWTHORN? REVISION OF THE WESTERN NORTH AMERICAN 20-STAMEN BLACK-FRUITED HAWTHORNS (CRATAEGUS SERIES DOUGLASIANAE, ROSACEAE SUBTRIBE MALINAE). In *Journal of the Botanical Research Institute of Texas*, 2023, roč. 17, č. 1, s. 151-189.

(2024) [1] HOERANDL, Elvira. Apomixis and the paradox of sex in plants. In *Annals of Botany*, 2024, roč. 134, č. 1, s. 1-18.

SSEP 023464

- V3 3 Chitosan is involved in elicitation of vestitol production in *Lotus japonicus* / K. Trush ... [et al.].

[Chitosan sa zúčastňuje elicitácie produkcie vestitolu v *Lotus japonicus*].

In: *Biologia plantarum : an international journal for experimental botany*. - ISSN 0006-3134. - č. 67 (2023), s. 75-86. Projekt: Regulácia biosyntetických dráh produkujúcich

biologicky významné izoflavonoidy v čeľadi Fabaceae - VEGA 1/0291/20 ; Systemic signaling in legume-rhizobia symbiosis and nitrogen nutrition. Consequences for plant productivity PID2021-122353OB-I00. 10.32615/bp.2023.007 DOI;DOI; CCC; SCOPUS; WOS;

2023 AIS=0.240; 2023 CiteScore=2,8; 2023 impact factor=0.8; 2023 SJR=0,308; 2023 SNIP=0,345; 2023 Q4(Plant sciences) JCR; 2023 Q2(Horticulture) Scimago; 2023 Q3(Plant science) Scimago; 2023 Q3(Plant sciences) AIS; 2023 Q4(Plant sciences) JCI [OV 130, 100]; [ŠO 1536 1610]

[TRUSH, Kristina (Autor, 40%) - ELIAŠOVÁ, Adriana (Autor, 5%) - MONJE-RUEDA, Maria Dolores (Autor, 5%) - KOLARČIK, Vladislav (Autor, 5%) - BETTIOL, Marco (Autor, 5%) - PAĽOVE-BALANG, Peter (Autor, 40%)]

Kategórie ohlasov od roku 2022: (2)

(2024) [1] MEDEIROS, Ana Paula Ribeiro - LEITE, Jeremias José Ferreira - DE ASSIS, Rafael Marlon Alves - ROCHA, João Pedro Miranda - BERTOLUCCI, Suzan Kelly Vilela - PEREIRA PINTO, José Eduardo Brasil. Application of natural elicitors to promote growth, photosynthetic pigments, and the content and composition of essential oil in *Melissa officinalis* L.. In *Industrial crops and products*, 2024, roč. 208, art no. 117885

(2024) [1] WANG, Lijun - LI, Chaofeng - LUO, Keming. Biosynthesis and metabolic engineering of isoflavonoids in model plants and crops: a review. In *Frontiers in Plant Science* [online] 2024, roč. 15, s. 1-17, art no. 1384091 .

SSEP 023823

- V3 4 Incidence and evolutionary relevance of autotriploid cytotypes in a relict member of the genus *Daphne* (Thymelaeaceae) = Výskyt a evolučný význam autotriploidných cytotypov u reliktného člena rodu *Daphne* (Thymelaeaceae) [elektronický zdroj] / Zuzana Gajdošová, Marek Svitok, Veronika Cetlová ... [et al.].

[Výskyt a evolučný význam autotriploidných cytotypov u reliktného člena rodu *Daphne* (Thymelaeaceae)].

In: *AoB PLANTS*. - ISSN 2041-2851. - Roč. 15, č. 5 (2023), art. no. plad056, s. 1-13, online. - Spôsob prístupu:

<https://academic.oup.com/aobpla/article/15/5/plad056/7255505>. Projekt: Význam reprodukčných systémov, hybridizácie a symbiotickej asociácie pre evolúciu a prežívanie cievnatých rastlín v prostredí skalných biotopov - APVV APVV-22-0365 ; Život na hrane. Evolučné a bioekologické aspekty stenoendemického druhu *Daphne arbuscula* Čelak. (Thymelaeaceae) obývajúceho extrémne skalné biotopy - VEGA 2/0098/22 ; Is a rare case of whole-genome duplication in the predominantly diploid genus *Daphne* L. associated with ecological niche shifts? - DoktoGrant APP0267 ; Komplexný výskum determinantov pre zabezpečenie environmentálneho zdravia (ENVIHEALTH) - ITMS ITMS 313011T721. 10.1093/aobpla/plad056 DOI;DOI; SCOPUS; CCC; WOS; 2023 AIS=0.715; 2023 CiteScore=4,8; 2023 impact factor=2.6; 2023 SJR=0,696; 2023 SNIP=0,928; 2023 Q2(Ecology) JCR; 2023 Q2(Plant sciences) JCR; 2023 Q1(Plant science) Scimago; 2023 Q2(Ecology) AIS; 2023 Q1(Plant sciences) AIS; 2023 Q2(Ecology) JCI; 2023 Q2(Plant sciences) JCI [OV 130]; [ŠO 1536]

[GAJDOŠOVÁ, Zuzana (Autor, 40%) - SVITOK, Marek (Autor, 10%) - CETLOVÁ, Veronika (Autor, 5%) - MÁRTONFIOVÁ, Lenka (Autor, 10%) - KUČERA, Jaromír (Autor, 5%) - KOLARČIK, Vladislav (Autor, 4%) - HURDU, Bogdan-Iuliu (Autor, 5%

) - SÎRBU, Ioana Minodora (Autor, 2%) - TURISOVÁ, Ingrid (Autor, 2%) - TURIS, Peter (Autor, 2%) - SLOVÁK, Marek (Autor, 15%)]

Kategórie ohlasov od roku 2022: (1)

(2023) [1] TARASKA, Vojtech - DUCHOSLAV, Martin - HRONES, Michal - BATOUSEK, Petr - LAMLA, Frantisek - TEMSCH, Eva M. - WEISS-SCHNEEWEISS, Hanna - TRAVNICEK, Bohumil. <i>Dactylorhiza maculata</i> agg. (Orchidaceae) in Central Europe: Intricate Patterns in Morphological Variability, Cytotype Diversity and Ecology Support the Single-Species Concept. In Folia geobotanica, 2023, roč. 58, č. 2, s. 151-188.

USEP 000123

V3 5 New records and noteworthy data of plants, algae and fungi in SE Europe and adjacent regions, 12 [elektronický zdroj] / Gordana Tomović ... [et al.].

In: Botanica Serbica : official journal of the Institute of botany and botanical garden Jevremovac, University of Belgrade. - ISSN 1821-2638. - Roč. 47, č. 1 (2023), s. 173-182. - Spôsob prístupu:

https://botanicaserbica.bio.bg.ac.rs/arhiva/pdf/2023_47_1_869_full.pdf.

10.2298/BOTSERB2301173T DOI;DOI; SCOPUS; WOS;

2023 AIS=0.132; 2023 CiteScore=1,4; 2023 impact factor=0.9; 2023 SJR=0,242; 2023 SNIP=0,556; 2023 Q4(Plant sciences) JCR; 2023 Q3(Plant science) Scimago; 2023 Q4(Plant sciences) AIS; 2023 Q4(Plant sciences) JCI

[OV 130]; [ŠO 1536]

[TOMOVIĆ, Gordana (Autor, 5%) - SABOVLJEVIĆ, Marko S. (Autor, 9%) - ASSYOV, Boris (Autor, 4%) - KUTNAR, Lado (Autor, 4%) - BOYCHEVA, Petya (Autor, 4%) - IVANOV, Dobri (Autor, 3%) - PAPP, Beata (Autor, 4%) - PANTOVIĆ, Jovana (Autor, 4%) - SABOVLJEVIĆ, Aneta D. (Autor, 4%) - ŠABANOVIĆ, Elvedin (Autor, 4%) - JOVANOVIĆ, Filip (Autor, 4%) - ŠOVRAN, Sanja (Autor, 4%) - KNEŽEVIĆ, Ana (Autor, 4%) - ALEKSIĆ, Gordana R. (Autor, 4%) - NIKETIĆ, Marjan (Autor, 4%) - SHIVAROV, Veselin V. (Autor, 4%) - YANEVA, Galina (Autor, 4%) - ȘTEFĂNUȚ, Sorin (Autor, 4%) - BÎRSAN, Constantin Ciprian (Autor, 4%) - SZELAĞ, Zbigniew (Autor, 4%) - DJORDJEVIĆ, Vladan (Autor, 4%) - KABAŠ, Eva (Autor, 4%) - DUDÁŠ, Matej (Autor, 4%) - KOLARČIK, Vladislav (Autor, 3%)]

Kategórie ohlasov od roku 2022: (1)

(2024) [1] TRBOJEVIĆ, Ivana - MILOVANOVIĆ, Vanja - SEKULIĆ, Jasmina Šinžar - SEKULIĆ, Nenad - KRIZMANIĆ, Jelena - SIMIĆ, Gordana Subakov. Brown and red shades in the riverbed of the Nera River (Serbia)-Update on the distribution and ecology of the association Hildenbrandio rivularis-Heribaudielletum fluviatilis Fritsch 1929 corr. Täuscher 2020 in Southeastern Europe. In Oceanological and Hydrobiological Studies, 2024, roč. 53, č. 3, s. 218-226.

SSEP 023704

Štatistika kategórií publikačnej činnosti do roku 2021:

ADC - Vedecké práce v zahraničných karentovaných časopisoch	19
ADD - Vedecké práce v domácich karentovaných časopisoch	3
ADF - Vedecké práce v ostatných domácich časopisoch	1

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS	2
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CELKOM	25
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Štatistika kategórií publikačnej činnosti od roku 2022:

V3 - Vedecký výstup publikačnej činnosti z časopisu	5
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CELKOM	5
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Štatistika kategórií ohlasov do roku 2021:

[1] Citácie v zahraničných publikáciách registrované v citačných indexoch Web of Science a v databáze SCOPUS	125
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[2] Citácie v domácich publikáciách registrované v citačných indexoch Web of Science a v databáze SCOPUS	3
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CELKOM	128
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Štatistika kategórií ohlasov od roku 2022:

[1] Citácia v publikácii registrovaná v citačných indexoch	80
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CELKOM	80
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31-03-2025

V Košiciach



.....
PhDr. Eva Medviďová
riaditeľka UK UPJŠ