

**Lista de lucrări în domeniul de știință definit de disciplinele din postul scos
la concurs**

NUMELE ȘI PRENUMELE: DOMOKOS ERZSÉBET

I. LISTA PUBLICAȚIILOR RELEVANTE

1. **DOMOKOS E.** CSÖSZ LL. DARKÓ B. JAKAB-FARKAS L. *Vesicular arbuscular mycorrhiza influences the histo-anatomic characteristics of vegetative organs in Artemisia annua*, Acta Biologica Marisiensis, 2019, 2(1): 5-11, ISSN: 2601-6141
2. **DOMOKOS E.** JAKAB-FARKAS L. DARKÓ B. BÍRÓ-JANKA B. MARAGY. ALBERT CS. BALOG A. *Increase in Artemisia annua plant biomass artemisinin content and guaiacol peroxidase activity using the arbuscular mycorrhizal fungus Rhizophagus irregularis*, Frontiers in Plant Science, 2018, 9: 478, DOI: 10.3389/fpls.2018.00478, ISSN: 1664-462X, IF: 3,678 (Q1)
3. TANASE C. **DOMOKOS E.** COȘARCĂ S. MIKLOS A. IMRE S. DOMOKOS J. DEHELEAN CA. *Study of the ultrasound-assisted extraction of polyphenols from beech (Fagus sylvatica L.) bark*, BioResources, 2018, 13(2): 2247-2267, DOI: 10.15376/biores.13.2.2247-2267, ISSN: 1930-2126, IF: 1,202 (Q2)
4. BALOG A. LOXDALE H.D. BÁLINT J. BENEDEK K. SZABÓ K.A. JÁNOSI-RANCZ K.T. **DOMOKOS E.** *The arbuscular mycorrhizal fungus Rhizophagus irregularis affects arthropod colonization on sweet pepper in both the field and greenhouse*. Journal of Pest Science, 2017, 90(3), DOI: 10.1007/s10340-017-0844-1, ISSN: 1612-4758 (print version), ISSN: 1612-4766 (electronic version), IF: 3,728 (Q1)
5. **DOMOKOS E.** CSIZMADIA B. ELEKES T. *Phytosociological study concerning habitats with Fritillaria meleagris on the course of the Nirajul Mare River (Mureș county, Romania)*. Studia Universitatis "Vasile Goldiș", Seria Științele Vieții, 2017, 27(3): 163-170, ISSN 1584-2363
6. LACZKÓ-ZÖLD E. KOMLÓSI A. ÜLKEI T. FOGARASI E. CROITORU M. FÜLÖP I. **DOMOKOS E.** ȘTEFĂNESCU R. VARGA E. *Extractability of polyphenols from black currant, red currant and gooseberry and their antioxidant activity*, Acta Biologica Hungarica, 2018, 69(2): 156-169, IF: 0,439 (Q4)
7. **DOMOKOS E.** BÍRÓ-JANKA B. KOVÁCS E. ÁBRAHÁM B. BALOG A. *Genetic variability of the green peach aphid (Myzus persicae) populations in different host plants*. North-West J. Zool. 2015, 11(2): 369-371, WOS code: 152202 ISSN 1584-9074, IF: 0,539 (Q3)
8. **DOMOKOS E.** CRISTEA V. *Effects of managed forests structure on woodpeckers (Picidae) in the Niraj valley (Romania): Woodpecker populations in*

managed forests. North-West J. Zool. 2014, 10(1): 110-117. ISSN 1584-9074, IF: 0,869 (Q3)

9. **DOMOKOS E.** *The ecological characterization of the forestry associations from the middle stream of the Niraj valley (Romania, Mureș county)*. An. Științ. Univ. Al. I. Cuza Iași, Sect. II a. Biol. veget. 2013, 59(2): 99-106, ISSN 1223-6578
10. **DOMOKOS E. CRISTEA V.** *The Woody Vegetation in the Middle Stream of the Niraj Valley (Romania, Mureș County)*, J. Plant. Develop. 2013, 20: 149-162, ISSN 2065-3158, autor corespondent

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat

Structura vegetației lemnoase din cursul mijlociu al văii Nirajului; Importanța sa pentru avifaună (The Woody Vegetation Structure from the Middle Stream of the Niraj Valley; It's Importance for the Avifauna); Conducătorul științific al tezei: Prof. univ. dr. Vasile Cristea; Universitatea "Babeș-Bolyai" din Cluj-Napoca; Calificativul obținut: Foarte bine/Magna Cum Laude; Data susținerii: 23.01.2015.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

1. TANASE C. OROIAN S. **DOMOKOS E.** *Botanică farmaceutică: îndrumător de lucrări practice*, Vol. II., University Press, Târgu Mureș, 2017, 164 pagini, ISBN 978-973-169-493-1, cod CNCS 210
2. **DOMOKOS E.** *Vegetația lemnoasă și comunitățile de păsări din cursul mijlociu al văii Nirajului: Studiu biocenologic*. Editura Presa Universitară Clujeană Cluj-Napoca, 2015, 154 pagini, ISBN 978-973-595-900-5, cod CNCS 109
3. VARGA E. FEKETE Á. SZ. **DOMOKOS E.** VERESS E. *Plante medicinale contraindicate în timpul sarcinii*. Editura Stúdium Tîrgu-Mureș, Editura Didactică și Pedagogică București, 2014, 96 pagini, ISBN 978-606-8349-25-1, ISBN 978-973-30-3780-4, cod CNCS 165

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

1. DÓCZY M. **DOMOKOS E.** HAJDU E. HAJDU Z. *Lecțiile Naturii*. Editura MediaPrint, Târgu-Mureș 2013, 120 pagini, ISBN 978-973-0-15380-4.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

1. **DOMOKOS E.** DOMOKOS ELIS. SZENTGYÖRGYI E. CSIKI E. *We Care About Climate Changes*, în *Biodiversity in Education for a Sustainable Tomorrow-Reflection on School-Research Cooperation* (sub redacția Ulbrich K.

Settele J. Benedict F. F.), Editura Pensoft Publishers Sofia-Moscow, 2010, paginile 99-107, ISBN 978-954-642-537-9

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. VARGA E. **DOMOKOS E.** KELEMEN H. FÜLÖP I. KURSINSZKI L. *HPLC-ESI-MS/MS profiling of phenolic acids, flavonoids and sesquiterpene lactones from Xanthium spinosum*, Revista de Chimie, 2020, 71(8): accepted for publication, IF: 1,605 (Q4)
2. LACZKÓ-ZÖLD E. KOMLÓSI A. ÜLKEI T. FOGARASI E. CROITORU M. FÜLÖP I. **DOMOKOS E.** ȘTEFĂNESCU R. VARGA E. *Extractability of polyphenols from black currant, red currant and gooseberry and their antioxidant activity*, Acta Biologica Hungarica, 2018, 69(2): 156-169, IF: 0,439 (Q4)
3. **DOMOKOS E.** JAKAB-FARKAS L. DARKÓ B. BÍRÓ-JANKA B. MARA GY. ALBERT CS. BALOG A. *Increase in Artemisia annua plant biomass artemisinin content and guaiacol peroxidase activity using the arbuscular mycorrhizal fungus Rhizophagus irregularis*, Frontiers in Plant Science, 2018, 9: 478, DOI: 10.3389/fpls.2018.00478, ISSN: 1664-462X, IF: 3,678 (Q1)
4. TANASE C. **DOMOKOS E.** COȘARCĂ S. MIKLOS A. IMRE S. **DOMOKOS J.** DEHELEAN CA. *Study of the ultrasound-assisted extraction of polyphenols from beech (Fagus sylvatica L.) bark*, BioResources, 2018, 13(2): 2247-2267, DOI: 10.15376/biores.13.2.2247-2267, ISSN: 1930-2126, IF: 1,202 (Q2)
5. BALOG A. LOXDALE H.D. BÁLINT J. BENEDEK K. SZABÓ K.A. JÁNOSI-RANCZ K.T. **DOMOKOS E.** *The arbuscular mycorrhizal fungus Rhizophagus irregularis affects arthropod colonization on sweet pepper in both the field and greenhouse*. Journal of Pest Science, 2017, 90(3), DOI: 10.1007/s10340-017-0844-1, ISSN: 1612-4758 (print version), ISSN: 1612-4766 (electronic version), IF: 3,728 (Q1)
6. **DOMOKOS E.** **DOMOKOS J.** *Bird communities of different woody vegetation types from the Niraj valley, Romania*. Turk J. Zool., 2016, 40: 734-742, DOI: 10.3906/zoo-1510-64 ISSN 1300-0179, IF: 0,880 (Q3)
7. **DOMOKOS E.** BÍRÓ-JANKA B. KOVÁCS E. ÁBRAHÁM B. BALOG A. *Genetic variability of the green peach aphid (Myzus persicae) populations in different host plants*. North-West J. Zool. 2015, 11(2): 369-371, WOS code: 152202 ISSN 1584-9074, IF: 0,539 (Q3)
8. **DOMOKOS E.** CRISTEA V. *Effects of managed forests structure on woodpeckers (Picidae) in the Niraj valley (Romania): Woodpecker populations in managed forests*. North-West J. Zool. 2014, 10(1): 110-117. ISSN 1584-9074, IF: 0,869 (Q3)

Factor de impact cumulat: 12,940

Factor de impact cumulat la articole ca prim autor sau autor corespondent: 12,501

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

1. **DOMOKOS E.** CSÖSZ LL. DARKÓ B. JAKAB-FARKAS L. *Vesicular arbuscular mycorrhiza influences the histo-anatomic characteristics of vegetative organs in Artemisia annua*, Acta Biologica Marisiensis, 2019, 2(1): 5-11, ISSN: 2601-6141
Baidu Scholar, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC - cnpLINKer, Dimensions, EBSCO Discovery Service, Google Scholar, J-Gate, KESLI-NDSL (Korean National Discovery for Science Leaders), Naviga (Softweco), Primo Central (ExLibris), ReadCube, Semantic Scholar, Summon (ProQuest), TDNet, WanFang Data, WorldCat (OCLC)
2. VARGA E. ORBÁN K. FINTA A. KURSINSZKI L. **DOMOKOS E.** *Chrysanthemum balsamita var. tanacetoides fitokémiai elemzése*, Acta Pharmaceutica Hungarica, 2018, 88(4): 244-248, ISSN 0001-6659
EMBASE, International Pharmaceutical Abstracts
3. **DOMOKOS E.** CSIZMADIA B. ELEKES T. *Phytosociological study concerning habitats with Fritillaria meleagris on the course of the Nirajul Mare River (Mureș county, Romania)*. Studia Universitatis "Vasile Goldiș", Seria Științele Vieții 2017, 27(3): 163-170, ISSN 1584-2363
SCOPUS, EBSCO, Academic Search Complete, Index Copernicus Journals Master List, Directory of Open Access Journals (DOAJ), ProQuest, Genamics JournalSeek
4. VARGA E. **DOMOKOS E.** FOGARASI E. ȘTEFĂNESCU R. FÜLÖP I. CROITORU M.D. LACZKÓ-ZÖLD E. *Polyphenolic compounds analysis and antioxidant activity in fruits of Prunus spinosa*. Acta Pharm. Hung. 2017, 87(1): 19-26, ISSN 0001-6659
EMBASE, International Pharmaceutical Abstracts
5. BUNA A. **DOMOKOS E.** DONESCU L.D. IANOȘI E.M. *Analyzing Quality Deficiencies of Three Potato Cultivars during the Storage Period*. Acta Universitatis Sapientiae. Agriculture and Environment 2016, 8: 50-62, ISSN 2068-2964 (online version), ISSN 2065-748X (printed version), DOI: 10.1515/ausae-2016-0005
AGRICOLA (National Agricultural Library), Baidu Scholar, CABI (over 50 subsections), CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, DOAJ (Directory of Open Access Journals), EBSCO (relevant databases), EBSCO Discovery Service, Genamics JournalSeek, Google Scholar, Japan Science and Technology Agency (JST), J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Microsoft Academic, Naviga (Softweco), Publons, Primo Central (ExLibris), ReadCube, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDone (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)
6. **DOMOKOS E.** KURSINSZKI L. KELEMEN H. VARGA E. *Phytopharmacological review of bathurst burr (Xanthium spinosum L.)*. Acta Pharm. Hung. 2016, 86(1): 35-40, ISSN 0001-6659, autor corespondent

7. **DOMOKOS E.** *The ecological characterization of the forestry associations from the middle stream of the Niraj valley (Romania, Mureş county).* An. Ştiinţ. Univ. Al. I. Cuza Iaşi, Sect. II a. Biol. veget. 2013, 59(2): 99-106, ISSN 1223-6578
PROQUEST, IndexCopernicus, Ulrichsweb, WorldCat, EBSCO, CABI
8. **DOMOKOS E. CRISTEA V.** *The Woody Vegetation in the Middle Stream of the Niraj Valley (Romania, Mureş County),* J. Plant. Develop. 2013, 20: 149-162, ISSN 2065-3158
EBSCO, DOAJ, CSA ProQuest, CABI, AGRICOLA (USDA – NAL Catalog), Ulrich's International Periodicals Directory, Electronic Journals Library (EZB), Smithsonian Institution Libraries, BASE - Bielefeld Academic Search Engine, EVISA, WorldWideScience

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

1. **PÉTERFI O. DOMOKOS E.** *Mutualistic and endophytic microorganisms of Artemisia annua: description, role and use,* Acta Biologica Marisiensis, 2018, 1(2): 5-21, ISSN: 2601-6141
2. **DOMOKOS E. CSIZMADIA B. ELEKES T. KÁRP AK. DOMOKOS J.** *The characteristic medicinal plants of different vegetation types from the Niraj Valley, Romania,* Acta Biologica Marisiensis, 2018, 1(1): 10-17, ISSN: 2601-6141
3. **KÁDÁR K., PÉTERFI O., KOLCSÁR EB, DOMOKOS E.** *Preliminary study of Artemisia annua inoculation with arbuscular mycorrhizal fungi,* Catalog de semințe - Note Botanice, 2017, Fasc. XLIII: 37-47, ISSN: 1222-8982/6750

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

**Manifestări științifice internaționale:
in extenso**

1. **DOMOKOS E.** *Biocönológiai kutatások a Nyárád völgyének középső szakaszán (Biocoenological researches in the middle stream of the Niraj valley),* Erdélyi Múzeum Egyesület: Fiatal Műszakiak Tudományos Ülésszaka-International Scientific Conference, 22-23 Martie 2012, 17: 103-106, ISSN 2067-6808
2. **DOMOKOS E.** *Biocönológiai kutatások Romániában (Biocoenological studies in Romania),* Erdélyi Múzeum Egyesület: Fiatal Műszakiak Tudományos Ülésszaka-International Scientific Conference, 24-25 Martie 2011, 16: 75-78, ISSN 2067-6808

abstracte

1. VARGA E. **DOMOKOS E.** ORBÁN K. KURSINSZKI L. IMRE B. TÓTH G. *Antioxidant activity and phenolic composition of costmary (Chrysanthemum balsamita L.) flower*, Planta Medica, Journal of Medicinal Plant and Natural Product Research, Abstracts of 67th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) in cooperation with the French Society of Pharmacognosy AFERP 1st – 5th September 2019, Innsbruck, Austria, 85: 1471-1472, ISSN: 0032-0943
2. **DOMOKOS E.** CSIZMADIA B. ELEKES T. KÁRP AK. DOMOKOS J. *The characteristic medicinal plants of different vegetation types from the Niraj Valley, Romania*, Acta Medica Marisiensis, Volume of abstract 64, Suppl 3, pagina 11, 2018, ISSN: 2068-3324
3. **DOMOKOS E.** CSIZMADIA B. ELEKES T. *Phytosociological study concerning habitats with Fritillaria meleagris on the course of the Nirajul Mare River (Mureş County, Romania)*, First International Congress of Danube Region Botanical Gardens, Transdisciplinary in Plant Science, September 7-9, 2017, Arad-Macea, Romania, ISBN 978-973-664-848-9
4. VARGA E. PAPP B. CROITORU M.D. MÁJAI FOGARASI E. FÜLÖP I. **DOMOKOS E.** LACZKÓ ZÖLD E. *Phenolic compounds and antioxidant potential of Crataegus monogyna fruits from Romania*, The 21th International Congress Phytopharm 2017, Graz, Austria, 2-5 July, 2017, Reviews on Clinical Pharmacology and Drug Therapy, Tom 15, vol. 15, Supplement 1, ISSN 2542-1875
5. KOMLÓSI A. LACKÓ-ZÖLD E. MÁJAI FOGARASI E. **DOMOKOS E.** CROITORU M.D. FÜLÖP I. VARGA E. *Polyphenolic profile and antioxidant activity of Blackcurrant (Ribes nigrum L.) fruits*. Acta Medica Marisiensis, Volume of abstracts 62, Suppl 8: pagina 80, 2016, ISSN: 2068-3324
6. VARGA E. CROITORU MD. MÁJAI FOGARASI E. **DOMOKOS E.** KOMLÓSI A, LACKÓ-ZÖLD E. *Identification of polyphenolic compounds from some berries by RP-HPLC method*, 22nd International Conference on Chemistry, Timișoara, 3-6 November, 2016.

**Manifestări științifice naționale:
abstracte**

1. **DOMOKOS E.** *Az egynyári üröm (Artemisia annua) mutualista és endofita mikroorganizmusai és felhasználási lehetőségeik*, rezumat, Erdélyi Múzeum-Egyesület Agrártudományi Szakosztály, XIV. Konferenciája, Sapientia EMTE, Marosvásárhelyi Kar, Marosvásárhely, 2018. november 17.
2. **DOMOKOS E.** *Micorizele arbuscular-veziculare afectează trăsăturile histologic-anatomice ale organelor vegetative la Artemisia annua*, rezumat, Simpozion Științific Aniversar - 50 de ani de la înființarea Grădinii Botanice "Vasile Fati", Jibou, 6-9 Septembrie, 2018
3. LACZKÓ-ZÖLD E. KOMLÓSI A. ÜLKEI T. FOGARASI E. CROITORU M.D. FÜLÖP I. **DOMOKOS E.**, VARGA E. *Polyphenolic profile and antioxidant*

activity of *Ribes* fruits, XXVII. Tudományos Ülésszak, Covasna, 6-8 Aprilie, 2017, vol. 90 nr. 2, ISSN 1453-0953

4. VARGA E. **DOMOKOS E.** ORBÁN K. KONDRA A. KURSINSZKI L. *Detection of active ingredients responsible for the physiological effects from the *Chrysanthemum balsamitae* folium*, XXVII. Tudományos Ülésszak, Covasna, 6-8 Aprilie, 2017, vol. 90 nr. 2, ISSN 1453-0953
5. VARGA E. **DOMOKOS E.** KURSINSZKI L. *Detection of active ingredients responsible for the physiological impact from *Xanthii spinosi* herba*, rezumat, XXV. Tudományos Ülésszak, Cluj-Napoca, 16-17 Aprilie 2015, Orvostudományi Értesítő, vol. 88 nr. 2, ISSN 1453-0953
6. **DOMOKOS E.** *The qualitative structure of the forestry associations from the middle stream of the Niraj valley (Romania, Mureș county)* rezumat, Sesiunea științifică anuală a Facultății de Biologie, Sect. Biologie vegetală, Biodiversity without frontiers Symposium, Universitatea „Alexandru Ioan Cuza” din Iași 24-26 Octombrie 2013

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

1. *Acta Biologica Marisiensis*, 2(2), University Press, Târgu Mureș, 2019, 59 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
2. *Acta Biologica Marisiensis*, 2(1), University Press, Târgu Mureș, 2019, 48 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
3. *Acta Biologica Marisiensis*, 1(2), University Press, Târgu Mureș, 2018, 71 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
4. *Acta Biologica Marisiensis*, 1(1), University Press, Târgu Mureș, 2018, 89 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)

F. Brevete de invenții și alte titluri de proprietate

G. Contracte de cercetare (menționați calitatea de director sau membru)

Nr. crt.	Denumirea Temei	Beneficiar	Perioada	Calitate	Valoare
1.	Asigurarea funcționării în bune condiții a Grădinii Botanice Universitare din cadrul UMF Tg. Mureș CNFIS-FDI-2018-0176	Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" din Târgu Mureș	21.05.- 20.12.2018	Salariată	350 000 RON

2.	Proiecte de mobilitate pentru cercetători / UEFISCDI PN-III-P1-1.1-MC-2018-0119	Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" din Târgu Mureș	2018	Solicitant	10 082 RON
3.	"Green Entrepreneurs Europe"; Cod: 2015-1-UK01-KA201-013501; European Comission, Education, Audiovisual and Culture Executive Agency (EACEA), Erasmus+	Field Studies Council, Preston Montford, Shrewsbury, SY4 1HW	2015 -2018	Colaborator proiect	284 719 EUR
4.	Studiul compușilor polifenolici cu activitate antioxidantă din fructe de pădure în România (Antioxidáns hatású polifenolok vizsgálata egyes romániai bogyós gyümölcsökből) Fundația Studium-Prospero și Academia Maghiară de Științe	Varga Erzsébet, Laczkó Zöld Eszter Erika, Croitoru Mircea Dumitru, Májai Fogarasi Erzsébet, Domokos Erzsébet , Komlósi Andrea	2016-2018	Membru proiect	10 000 EUR (44 691 RON)
5.	Studiul analitic al produselor vegetale de la <i>Chrysanthemum balsamita</i> L., explorarea relației de spectre și substanțe active	Varga Erzsébet, Domokos Erzsébet , Orbán Krisztina	2015-2016	Membru proiect	1 400 000 HUF (21 000 RON)
6.	Identificarea și fracționarea substanțelor active responsabile pentru acțiunea farmacologică din extractele de Xanthii spinosi herba	Varga Erzsébet, Domokos Erzsébet	2013-2015	Membru proiect	670 000 HUF (10 050 RON)
7.	"Lessons from Nature: innovation towards teaching and learning for a green economy and society"; Cod: 510199 LLP-1-2010-1-UK-COMENIUS-CMP; European Comission, Education, Audiovisual and Culture Executive Agency (EACEA), Lifelong Learning Programme Comenius	Field Studies Council, Preston Montford, Shrewsbury, SY4 1HW	2010-2013	Colaborator proiect	287 860 EUR

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

- H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale
H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale
H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAȘTEREA

I. Premii, distincții.

1. PN-III-P1-1.1-PRECISI-2018-23130, UEFISCDI
2. PN-III-P1-1.1-PRECISI-2018-24609, UEFISCDI
3. PN-III-P1-1.1-PRECISI-2017-14596, UEFISCDI
4. 2019-“Szülőföldi fiatal oktatói ösztöndíj-erdélyi magyaroknak”, anunțată de Ministerul Resurselor Umane și Universitatea Eötvös Loránd
5. 2017-“Szülőföldi fiatal oktatói ösztöndíj-erdélyi magyaroknak”, anunțată de Ministerul Resurselor Umane și Universitatea Eötvös Loránd
6. 2016-“Szülőföldi fiatal oktatói ösztöndíj-erdélyi magyaroknak”, anunțată de Ministerul Resurselor Umane și Institutul Balassi

J. Citări

26 de citări pe Web of Science

60 de citări pe Google Academic

Effects of managed forests structure on woodpeckers (Picidae) in the Niraj valley (Romania): Woodpecker populations in managed forests. North-West J. Zool. 2014, 10(1): 110-117. ISSN 1584-9074, IF: 0,869 (Q3) - citat de 14 articole de pe Web of Science:

1. Effects of forest management on bird assemblages in oak-dominated stands of the Western Carpathians - Refuges for rare species Leso, Peter; Kropil, Rudolf; Kajtoch, Lukasz FOREST ECOLOGY AND MANAGEMENT Volume: 453 Article Number: 117620 Published: DEC 1 2019
2. Integrative management to sustain biodiversity and ecological continuity in Central European temperate oak (*Quercus robur*, *Q. petraea*) forests: An overview Moelder, Andreas; Meyer, Peter; Nagel, Ralf-Volker FOREST ECOLOGY AND MANAGEMENT Volume: 437 Pages: 324-339 Published: APR 1 2019
3. Differences in habitat requirements between two sister *Dendrocopos* woodpeckers in urban environments: implication for the conservation of Syrian Woodpecker Figarski, Tomasz; Kajtoch, Lukasz ACTA ORNITHOLOGICA Volume: 53 Issue: 1 Pages: 23-36 Published: JUN 2018
4. Do increases in the availability of standing dead trees affect the abundance, nest-site use, and niche partitioning of great spotted and middle spotted woodpeckers in riverine forests? Kosinski, Ziemowit; Pluta, Monika;

Ulanowska, Anna; et al. BIODIVERSITY AND CONSERVATION
Volume: 27 Issue: 1 Pages: 123-145 Published: JAN 2018

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9. Avian diversity in a temperate tree-based intercropping system from inception to now Gibbs, Sophie; Koblents, Hanita; Coleman, Brent; et al. AGROFORESTRY SYSTEMS Volume: 90 Issue: 5 Special Issue: SI Pages: 905-916 Published: OCT 2016
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12. Bird communities of different woody vegetation types from the Niraj Valley, Romania Domokos, Erzsebet; Domokos, Jozsef TURKISH JOURNAL OF ZOOLOGY Volume: 40 Issue: 5
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DOMOKOS E. JAKAB-FARKAS L. DARKÓ B. BÍRÓ-JANKA B. MARA GY. ALBERT CS. BALOG A. *Increase in *Artemisia annua* plant biomass artemisinin*

content and guaiacol peroxidase activity using the arbuscular mycorrhizal fungus *Rhizophagus irregularis*, *Frontiers in Plant Science*, 2018, 9: 478, DOI: 10.3389/fpls.2018.00478, ISSN: 1664-462X, IF: 3,678 (Q1) - citat de 4 articole de pe Web of Science:

1. Constitutive expression of NtabSPL6-1 in tobacco and *Arabidopsis* could change the structure of leaves and promote the development of trichomes Ma, Yan-Qin; Li, Qi; Pu, Zuo-Qian; et al. *JOURNAL OF PLANT PHYSIOLOGY* Volume: 240 Article Number: UNSP 152991 Published: SEP 2019
2. Photoperiod Effect on The Growth and Artemisinin Content of *Artemisia Annua* Grown in Tropical Region Widiyastuti, Yuli; Subositi, Dyah Conference: 1st International Conference on Bioinformatics, Biotechnology, and Biomedical Engineering - Bioinformatics and Biomedical Engineering (BioMIC) Location: Univ Gadjah Mada, Badam Penerbit Publikasi, Yogyakarta, INDONESIA Date: OCT 19-20, 2018 Sponsor(s): IEEE; IEEE Indonesia Sect; Univ Gadjah Mada 1ST INTERNATIONAL CONFERENCE ON BIOINFORMATICS, BIOTECHNOLOGY, AND BIOMEDICAL ENGINEERING (BIOMIC 2018) Book Series: AIP Conference Proceedings Volume: 2099 Article Number: 020027 Published: 2019
3. Effects of mycorrhizae and water conditions on perennial ryegrass growth in rare earth tailings Yang, Qiao; Zhao, Zhongqiu; Bai, Zhongke; et al. *RSC ADVANCES* Volume: 9 Issue: 19 Pages: 10881-10888 Published: 2019
4. Symbiotic Effectivity of Dual and Tripartite Associations on Soybean (*Glycine max* L. Merr.) Cultivars Inoculated With *Bradyrhizobium japonicum* and AM Fungi By: Takacs, Tunde; Cseresnyes, Imre; Kovacs, Ramona; et al. *FRONTIERS IN PLANT SCIENCE* Volume: 9 Article Number: 1631 Published: NOV 13 2018

TANASE C. **DOMOKOS E.** COȘARCĂ S. MIKLOS A. IMRE S. DOMOKOS J. DEHELEAN CA. *Study of the ultrasound-assisted extraction of polyphenols from beech (*Fagus sylvatica* L.) bark*, *BioResources*, 2018, 13(2): 2247-2267, DOI: 10.15376/biores.13.2.2247-2267, ISSN: 1930-2126, IF: 1,202 (Q2) - citat de 3 articole de pe Web of Science:

1. Investigation of In Vitro Antioxidant and Antibacterial Potential of Silver Nanoparticles Obtained by Biosynthesis Using Beech Bark Extract Tanase, Corneliu; Berta, Lavinia; Coman, Nastacia Alina; et al. *ANTIOXIDANTS* Volume: 8 Issue: 10 Article Number: 459 Published: OCT 2019
2. Wood Bark as Valuable Raw Material for Compounds with a Bioregulator Effect in Lemon Balm (*Melissa officinalis* L.) Plants Tanase, Corneliu; Nisca, Adrian; Mirica, Anca; et al. *APPLIED SCIENCES-BASEL* Volume: 9 Issue: 15 Article Number: 3148 Published: AUG 1 2019
3. Application of Deep Eutectic Solvents to Prepare Mixture Extracts of Three Long-Lived Trees with Maximized Skin-Related Bioactivities Jin, Yan;

BALOG A. LOXDALE H.D. BÁLINT J. BENEDEK K. SZABÓ K.A. JÁNOSI-RANCZ K.T. **DOMOKOS E.** *The arbuscular mycorrhizal fungus Rhizophagus irregularis affects arthropod colonization on sweet pepper in both the field and greenhouse.* Journal of Pest Science, 2017, 90(3), DOI: 10.1007/s10340-017-0844-1, ISSN: 1612-4758 (print version), ISSN: 1612-4766 (electronic version), IF: 3,728 (Q1)
- citat de 3 articole de pe Web of Science:

1. Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species Szabo, Attila-Károly; Kiss, József; Balint, Janos; et al. NEOBIOTA Issue: 43 Pages: 27-45 Published: MAR 13 2019
2. Impact of an arbuscular mycorrhizal fungus on the growth and nutrition of fifteen crop and pasture plant species Tran, Binh T. T.; Watts-Williams, Stephanie J.; Cavagnaro, Timothy R. FUNCTIONAL PLANT BIOLOGY Volume: 46 Issue: 8 Pages: 732-742 Published: 2019
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1. Trophic links of the song thrush (*Turdus philomelos*) in transformed forest ecosystems of North-Eastern Ukraine Chaplygina, A. B.; Pakhomov, O. Y.; Brygadyrenko, V. V. BIOSYSTEMS DIVERSITY Volume: 27 Issue: 1 Pages: 51-55 Published: 2019
2. Importance of old forest stands for diversity of birds in managed pine forests - a case study from Augustow Forest (NE Poland) Zawadzka, Dorota; Drozdowski, Stanislaw; Zawadzki, Grzegorz; et al. POLISH JOURNAL OF ECOLOGY Volume: 66 Issue: 2 Pages: 162-181 Published: JUN 2018

K. Alte realizări semnificative

Recenzii:

Agroforestry Systems, IF: 1,792

Michalczuk J., 2019, The importance of non-forest tree stand features for protection of the Syrian Woodpecker *Dendrocopos syriacus* in agricultural landscape – a case study from SE Poland

Frontiers in Ecology and Evolution, IF: 2,686

Chou H. et al., 2018, The Good, the Bad, and the Lethal: Gene Expression and Metabolomics Reveal Physiological Mechanisms Underlying Chronic Thermal Effects in Mayfly Larvae (*Neocloeon triangulifer*)

Folia Zoologica, IF: 0,594

Kajtoch Ł., Figarski T., 2017, Comparative distribution of Syrian and great spotted woodpeckers in different landscapes of Poland

Conducător științific lucrări de diplomă finalizate (9 lucrări):

Anul universitar 2018-2019

1. Csősz Lilla Laura - Efectul micorizelor vezicular-arbusculare asupra anatomiei organelor vegetative la planta medicinală *Artemisia annua*
2. Kalamár Kinga - Influența ciupercilor vezicular-arbusculare (*Glomus intraradices*) asupra uleiului volatil de năfurică (*Artemisia annua*)
3. Kárp Andrea Krisztina - Studiul plantelor medicinale din tufărișurile și zăvoaiele Văii Nirajului, județul Mureș
4. Miklós Izolda - Studiul plantelor medicinale din pădurea Budvár-Csicsér de lângă Odorheiu Secuiesc
5. Menyhárt Edina - Studiul plantelor medicinale din pajiștile de lângă Odorheiu Secuiesc
6. Nagy Beáta Brigitta - Influența unor factori ecologici asupra caracteristicilor morfo-anatomice la planta *Origanum vulgare*

Anul universitar 2017-2018

1. Csizmadia Beáta - Studiul plantelor medicinale din pădurile de foioase ale Văii Nirajului, județul Mureș
2. Elekes Tímea - Studiul plantelor medicinale din pajiștile Văii Nirajului, județul Mureș
3. Kádár Katalin - Efectul micorizelor vezicular-arbusculare asupra plantei medicinale *Artemisia annua*

Conducător științific lucrări de disertație finalizate (3 lucrări):

Anul universitar 2017-2019

1. Bede Richárd - Szimbionta gomba (*Glomus intraradices*) hatása az egynyári üröm (*Artemisia annua*) biomassájának alakulására különböző talajtípusokon
2. Gábor Rolland-Barna - Szimbionta gomba (*Glomus intraradices*) hatása az egynyári üröm artemisinin termelésére különböző talajtípusokon
3. Vajda Szende - Mikorrhiza gomba (*Glomus intraradices*) hatása az egynyári üröm (*Artemisia annua*) enzimaktivitására különböző talajtípusokon

Conducător științific lucrări de diplomă (3 lucrări) / disertație (1 lucrare) în curs de elaborare:

1. Varga Kinga Henrietta (anul V Farmacie) - Corelații între cantitatea de ulei volatil extras și gradul de micorizare la specia *Artemisia annua* cultivată în diferite condiții abiotice.
2. Orbán Tímea (anul V Farmacie) - Corelații între conținutul în artemisinină și gradul de micorizare la specia *Artemisia annua* cultivată în diferite condiții abiotice.
3. Zsigmond Ildikó Barbara (anul V Farmacie) - Corelații între biomasa acumulată și gradul de micorizare la specia *Artemisia annua* cultivată în diferite condiții abiotice.

4. Kádár Katalin (anul II Master Cosmetică medicală și Dermofarmacie) - Contribuții la îmbunătățirea activității antibacteriene a uleiului volatil de *Artemisia annua* în bolile dermatologice de etiologie stafilococică cu ajutorul ciupercii simbiote *Rhizophagus irregularis*

Data,

06.01.2020

Semnătura,

șef lucrări dr. Domokos Erzsébet

