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

NUMELE ŞI PRENUMELE: DOMOKOS ERZSÉBET

I. LISTA PUBLICAȚIILOR RELEVANTE

1. IAKAB M. **DOMOKOS E.** BENEDEK K. MOLNÁR K. KENTELKY E. BUTA E. DULF FV. *The Importance of Mycorrhizal Fungi in the Development and Secondary Metabolite Production of Echinacea purpurea and Relatives (Asteraceae): Current Research Status and Perspectives.* Horticulturae. 2022, 8(12):1106. https://doi.org/10.3390/horticulturae8121106, IF: 2,923 (Q1)

2. OROIAN S., SĂMĂRGHIŢAN M., **DOMOKOS E.** *Plant Associations of Petasition officinalis Alliance in the East Carpathians (Călimani and Gurghiu Mountains Romania).* In: Pedrotti F., Box E.O. (eds) *Tools for Landscape-Scale Geobotany and Conservation. Geobotany Studies (Basics, Methods and Case Studies).* Springer, Cham. 2021, paginile 205-229, **Print ISBN 978-3-030-74949-1, Online ISBN, 978-3-030-74950-7**, https://doi.org/10.1007/978-3-030-74950-7_11

3. **DOMOKOS E.** BÍRÓ-JANKA B. BÁLINT J. MOLNÁR K. FAZAKAS CS. JAKAB-FARKAS L. DOMOKOS J. ALBERT CS. MARA GY. BALOG A. *Arbuscular Mycorrhizal Fungus Rhizophagus irregularis Influences Artemisia annua Plant Parameters and Artemisinin Content under Different Soil Types and Cultivation Methods*, Microorganisms, 2020, 8: 899, IF: 4,152 (Q2), DOI: 10.3390/microorganisms8060899, WOS:000549253000001

4. **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)

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), WOS:000401267600014

6. **DOMOKOS E.** CSIZMADIA B. ELEKES T. *Phytosociological study concerning habitats with Fritillaria meleagris on the course of the Nirajul Mare River (Mureş county, Romania).* Studia Universitatis "Vasile Goldiş", Seria Ştiinţele Vieţii, 2017, 27(3): 163-170, ISSN 1584-2363

7. LACZKÓ-ZÖLD E. KOMLÓSI A. ÜLKEI T. FOGARASI E. CROITORU M. FÜLÖP I. **DOMOKOS E.** ŞTEFĂNESCU 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), DOI: 10.1556/018.69.2018.2.5, WOS:000439788500005

8. **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), WOS:000367757600026

9. **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 (Q4), WOS:000337496400014

10. **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, 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 ştiinţific al tezei: Prof. univ. dr. Vasile Cristea; Universitatea "Babeş-Bolyai" din Cluj-Napoca; Calificativul obținut: Foarte bine/Magna Cum Laude; Data susținerii: 23.01.2015.

B. Cărți publicate

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

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

1. **DOMOKOS E.** BÁLINT J - *Növényrendszertan - laborgyakorlat jegyzet*, University Press, Târgu Mureş, 2021, 82 pagini, **ISBN 978-973-169-743-7**, cod CNCS 210

2. TANASE C. **DOMOKOS E.** *Atlas Botanic - Colecție de plante medicinale din Grădina Botanică Universitară, Târgu Mureș*, University Press, Târgu Mureş, 2020, 160 pagini, **ISBN 978-973-169-660-7**, cod CNCS 210

3. TANASE C. OROIAN S. **DOMOKOS E.** *Botanică farmaceutică: îndrumător de lucrări practice*, Vol. II., University Press, Târgu Mureş, 2017, 164 pagini, **ISBN 978-973-169-493-1**, cod CNCS 210

4. **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

5. VARGA E. FEKETE Á. SZ. **DOMOKOS E.** VERESS E. *Plante medicinale contraindicate în timpul sarcinii.* Editura Stúdium Tîrgu-Mureș, Editura

Didactică şi Pedagogică Bucureşti, 2014, 96 pagini, **ISBN 978-606-8349-25-1, ISBN 978-973-30-3780-4**, cod CNCS 165

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

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

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

B5. Capitole de cărţi publicate în străinătate

1. OROIAN S., SĂMĂRGHIŢAN M., **DOMOKOS E.** *Plant Associations of Petasition officinalis Alliance in the East Carpathians (Călimani and Gurghiu Mountains Romania).* In: Pedrotti F., Box E.O. (eds) *Tools for Landscape-Scale Geobotany and Conservation. Geobotany Studies (Basics, Methods and Case Studies).* Springer, Cham. 2021, paginile 205-229, **Print ISBN 978-3-030-74949-1, Online ISBN, 978-3-030-74950-7**, https://doi.org/10.1007/978-3-030-74950-7_11

2. **DOMOKOS E.** DOMOKOS ELIS. SZENTGYÖRGYI E. CSIKI E. *We Care About Climate Changes*, în *Biodiversity in Education for a Sustainable Tommorow-Reflection on School-Research Cooperation* (sub redacţia 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 cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. IAKAB M. **DOMOKOS E.** BENEDEK K. MOLNÁR K. KENTELKY E. BUTA E. DULF FV. *The Importance of Mycorrhizal Fungi in the Development and Secondary Metabolite Production of Echinacea purpurea and Relatives (Asteraceae): Current Research Status and Perspectives.* Horticulturae. 2022, 8(12):1106. https://doi.org/10.3390/horticulturae8121106, IF: 2,923 (Q1) ISSN / eISSN:2311-7524

2. KENTELKY E. LUKÁCS Z. LUNKA TA. BENEDEK K. **DOMOKOS E.** PUTNOKY-CSICSÓ B. SZEKELY-VARGA ZS. Mycorrhization of *Corylus avellana* L. and *Quercus robur* L. seedlings with *Tuber aestivum* VITTAD., Scientific Papers. Series B, Horticulture. Vol. LXVI, 1, 2022 (Q4), ISSN:2285-5653 eISSN:2286-1580, WOS:000888877000101

3. **DOMOKOS E.** BÍRÓ-JANKA B. BÁLINT J. MOLNÁR K. FAZAKAS CS. JAKAB-FARKAS L. DOMOKOS J. ALBERT CS. MARA GY. BALOG A. *Arbuscular Mycorrhizal Fungus Rhizophagus irregularis Influences Artemisia annua Plant Parameters and Artemisinin Content under Different Soil Types and Cultivation Methods*, Microorganisms, 2020, 8: 899, IF: 4,152 (Q2) eISSN:2076-2607 DOI: 10.3390/microorganisms8060899, WOS:000549253000001

4. LACZKÓ-ZÖLD E. KOMLÓSI A. ÜLKEI T. FOGARASI E. CROITORU M. FÜLÖP I. **DOMOKOS E.** ŞTEFĂNESCU 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: 0,679 (Q4) ISSN:0236-5383 eISSN:1588-256X DOI: 10.1556/018.69.2018.2.5, WOS:000439788500005

5. **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: 4,106 (Q1), WOS:000429912100001

6. TANASE C. **DOMOKOS E.** COŞARCĂ 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: 1,396 (Q2), WOS:000429205100011

7. 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: 4,402 (Q1), WOS:000401267600014

8. **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: 0,785 (Q4), WOS:000386066600011

9. **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), WOS:000367757600026

10. **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 (Q4), WOS:000337496400014

Factor de impact cumulat: 21,429
Factor de impact cumulat la articole ca prim autor sau autor corespondent: 17,827

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale (indicaţi şi baza de date).

1. ARTÚR BOTOND CSORBA, MÁRIA TATÁR, ERZSÉBET BUTA, KATALIN MOLNÁR, **ERZSÉBET DOMOKOS**, ATTILA BANDI, JÁNOS BÁLINT, *Effects of plant growth retardants on development of Poinsettia "Christmas Feeling" cultivar*, Acta Biologica Marisiensis, 2021, 4(2): 32-38, ISSN: 2601-6141, DOI: 10.2478/abmj-2021-0011

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. MOLNÁR K. NYÁRÁDI I.I. BÍRÓ-JANKA B SIMÓ I. BÁLINT J. **DOMOKOS E.** *Preliminary study of the effect of chemical and organic fertilizers on a semi-natural grassland in Vlăhița, Harghita Mountains, Romania*, Acta Biologica Marisiensis, 2020, 3(2): 56-65, ISSN: 2601-6141, DOI: 10.2478/abmj-2020-0011
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)

3. 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(3): 558-564, IF: 1,605 (Q4) EVISA, LetPub, SJR, CAS, World Catalog,
https://doi.org/10.37358/RC.20.3.8031

4. **DOMOKOS E.** CSŐSZ 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, DOI: 10.2478/abmj-2019-0001
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)

5. 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

6. 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, DOI: 10.2478/abmj-2018-0009
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)

7. **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, DOI: 10.2478/abmj-2018-0002

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)

8. **DOMOKOS E.** CSIZMADIA B. ELEKES T. *Phytosociological study concerning habitats with Fritillaria meleagris on the course of the Nirajul Mare River (Mureş county, Romania)*. Studia Universitatis "Vasile Goldiş", Seria Ştiinţele Vieţii 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

9. VARGA E. **DOMOKOS E.** FOGARASI E. ŞTEFĂNESCU 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

10. BUNA A. **DOMOKOS E.** DONESCU L.D. IANOŞI 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)

11. **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
EMBASE, International Pharmaceutical Abstracts

12. **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

13. **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 ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaţionale).

1. NAGY-GYÖRGY K., KENTELKY E., **DOMOKOS E.** *A Nagyrét láp története (Gyergyóremete, Hargita megye, România)*, Gyergyói szemle, Tudományos, Ismeretterjesztő Folyóirat, 2021, ISSN: 2393-5677

2. 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 ştiinţifice publicate în reviste, altele decât cele menţionate anterior

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Manifestări ştiinţifice internaţionale:
in extenso

1. **DOMOKOS E.** *Biocönológiai kutatások a Nyárád völgyének középső szakaszán (Biocoenologycal 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. NAGY-GYÖRGY K. **DOMOKOS E.** *Istoricul mlaştinilor de turbă din împrejurimile localităţii Remetea, judeţul Harghita, România*, CONFERINŢA INTERNAŢIONALĂ DE COMUNICĂRI ŞTIINŢIFICE, Preocupări recente în cercetarea, conservarea şi valorificarea patrimoniului cultural, ediţia a XV-a, Târgu Mureş, 4 noiembrie 2021

2. **DOMOKOS E.** MARTONFI GT. LACZKÓ ZÖLD E. *Hozzájárulások a romániai piacon található akác- és hársmézek melisszopalinológiai vizsgálatához*, XVI. MAGYAR NÖVÉNYANATÓMIAI SZIMPÓZIUM, 2021. november 12.

3. 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, IF: 2.746 (Q2)

4. **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

5. **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

6. 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

7. 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

8. 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, Timişoara, 3-6 November, 2016.

Manifestări ştiinţifice naţionale:
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 histo-anatomice ale organelor vegetative la Artemisia annua*, rezumat, Simpozion Ştiinţific Aniversar - 50 de ani de la înfiinţarea 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

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Postere

1. IAKAB M, BENEDEK K, MOLNÁR K, JÁNOSI KS, **DOMOKOS E**, *Effect of PGR's and Cold Treatment on the Germination and Plantlets Development of Echinacea purpurea,* XIII International Agriculture Symposium "AGROSYM 2022", 6-9 October 2022, Bosnia and Herzegovina

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

1. *Acta Biologica Marisiensis*, 5(2), University Press, Târgu Mureş, 2022, 82 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
2. *Acta Biologica Marisiensis*, 5(1), University Press, Târgu Mureş, 2022, 54 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
3. *Acta Biologica Marisiensis*, 4(2), University Press, Târgu Mureş, 2021, 59 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
4. 6th Conference on Horticulture and Landscape Architecture in Transylvania Book of Abstracts, *Acta Biologica Marisiensis*, University Press, Târgu Mureş, 2021, 30 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
5. *Proceedings of the 6th Conference on Horticulture and Landscape Architecture in Transylvania*, 2021, 118 pagini, ISSN: 2784 – 3831; ISSN – L: 2784 – 3831
6. *Acta Biologica Marisiensis*, 4(1), University Press, Târgu Mureş, 2021, 59 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
7. *Acta Biologica Marisiensis*, 3(2), University Press, Târgu Mureş, 2020, 59 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
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9. *Acta Biologica Marisiensis*, 2(2), University Press, Târgu Mureş, 2019, 59 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
10. *Acta Biologica Marisiensis*, 2(1), University Press, Târgu Mureş, 2019, 48 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
11. *Acta Biologica Marisiensis*, 1(2), University Press, Târgu Mureş, 2018, 71 pagini, ISSN: 2601 – 6141, ISSN: 2668 – 5124 (Online)
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F. Brevete de invenţii şi alte titluri de proprietate

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

Nr. crt.	Denumirea Temei	Beneficiar	Perioada	Calitate	Valoare
1.	Development of seed hemp (*Cannabis sativa* L.) cultivation technology	Universitatea Sapientia	2022.05 - 2023.10	Membru proiect	50 000 RON
2.	Creşterea standardului învăţământului superior agricol maghiar în Transilvania prin achiziţionarea echipamentelor necesare Departamentului de Horticultură - linie de maşini de prelucrare a legumelor şi fructelor Az erdélyi magyar agrár felsőoktatás színvonalának emelése a Kertészmérnöki Tanszék részére igényelt eszközök beszerzésével - zöldség, gyümölcs feldolgozó gépsor	Universitatea Sapientia	2021.12. - 2022.06.	Director proiect	6 000 000 Ft
3.	Influenţa fertilizării asupra compoziţiei floristice şi a producţiei de fitomasă a pajiştilor	Societatea Muzeului Ardelean	15.01.2021	Prestator	2400 RON
4.	Grădina Botanică Universitară CNFIS-FDI-2020-0142	Universitatea de Medicină, Farmacie, Ştiinţe şi Tehnologie "George Emil Palade" din Târgu Mureş	2020	Salariată	330 000 RON
5.	Asigurarea funcţionării în bune condiţii a Grădinii Botanice Universitare din cadrul UMF Tg. Mureş CNFIS-FDI-2018-0176	Universitatea de Medicină, Farmacie, Ştiinţe şi Tehnologie "George Emil Palade" din Târgu Mureş	21.05.-20.12.2018	Salariată	350 000 RON
6.	Proiecte de mobilitate pentru cercetători / UEFISCDI PN-III-P1-1.1-MC-2018-0119	Universitatea de Medicină, Farmacie, Ştiinţe şi Tehnologie "George Emil Palade" din Târgu Mureş	2018	Solicitant	10 082 RON
7.	"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

8.	Studiul compuşilor polifenolici cu activitate antioxidantă din fructe de pădure în România (Antioxidáns hatású polifenolok vizsgálata egyes romániai bogyós gyümölcsökből) Fundaţia Studium-Prospero şi Academia Maghiară de Ştiinţe	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)
9.	Studiul analitic al produselor vegetale de la *Chrysanthemum balsamita* L., explorarea relaţiei de spectre şi substanţe active	Varga Erzsébet, **Domokos Erzsébet**, Orbán Krisztina	2015-2016	Membru proiect	1 400 000 HUF (21 000 RON)
10.	Identificarea şi fracţionarea substanţelor active responsabile pentru acţiunea farmacologică din extractele de Xanthii spinosi herba	Varga Erzsébet, **Domokos Erzsébet**	2013-2015	Membru proiect	670 000 HUF (10 050 RON)
11.	"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	Colabo-rator proiect	287 860 EUR

H. Creaţia artistică

H1 Participări la manifestaţii artistice internaţionale
H2. Participări la manifestaţii artistice naţionale
H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale
H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale
H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAŞTEREA

I. Premii, distincţii.

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

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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 11 articole de pe Web of Science: +4

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Conducător ştiinţific lucrări de diplomă finalizate în ultimii cinci ani (18 lucrări):

Anul universitar 2021-2022

1. Incze Dávid - Bíbor kasvirág (*Echinacea purpurea*) csírázásának vizsgálata különböző tényezők hatására
2. Nagy-György Kriszta - A Gyergyóremete-i Nagyrét láp botanikai felmérése, renaturalizációs terve és tanösvény javaslata

Anul universitar 2020-2021

1. Sánta Rita - Activitatea biologică a uleiurilor volatile la speciile de *Artemisia* cu răspândire în România-Prezentare generală
2. Székely Henrietta - Influenţa unor factori ecologici asupra uleiului volatil la şovârf (*Origanum vulgare*)
3. Veress Noémi - Contribuţii la cunoaşterea plantelor lemnoase din Grădina Botanică Universitară
4. Simó István - Influenţa fertilizării asupra compoziţiei floristice şi a producţiei de fitomasă a pajiştilor

Anul universitar 2019-2020

5. Orbán Timea - Corelaţii între conţinutul în artemisinină şi gradul de micorizare la specia *Artemisia annua* în diferite condiţii de cultivare
6. Varga Kinga Henrietta - Corelaţii între conţinutul în uleiuri volatile şi gradul de micorizare la specia *Artemisia annua* în diferite condiţii de cultivare

7. Zsigmond Ildikó Barbara - Corelații între biomasă și gradul de micorizare la specia *Artemisia annua* în diferite condiții de cultivare

Anul universitar 2018-2019

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

Anul universitar 2017-2018

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

Conducător științific lucrări de disertație finalizate (5 lucrări):

Anul universitar 2020-2021

1. Darkó Béla - Efectul micorizei vezicular-arbusculare asupra expresiei genelor care influențează sinteza compușilor bioactivi la Năfurică (*Artemisia annua*)

Anul universitar 2018-2020

2. Kádár Katalin - Evaluarea activității antibacteriene a uleiurilor volatile obținute din *Artemisia annua* inoculat cu *Rhizophagus irregularis* în bolile dermatologice de etiologie stafilococică

Anul universitar 2017-2019

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

Conducător științific lucrări de diplomă (2 lucrări) / disertație (0 lucrare) în curs de elaborare

Data,
06.01.2023

Semnătura,
șef lucrări dr. Domokos Erzsébet