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

NUMELE ŞI PRENUMELE:

II. LISTA COMPLETĂ DE PUBLICAŢII, CREAŢII, INVENŢII

A. Teza de doctorat.
Legătura între buruieni invazive şi afide, şi rolul lor ca rezervoari de viruşi, Dr. Balog Adalbert, Universitatea Szent István Gödöllő, Ungaria

C. Lucrări ştiinţifice publicate
C1. Lucrări ştiinţifice publicate în reviste cotate ISI

Attila-Károly Szabó, Éva Várallyay, Emese Damian, Anna Hegyi, Zsuzsanna Nagyné Galbács, József Kiss, János Bálint, Hugh D. Loxdale, Adalbert Balog, (2020), **Local aphid species infestation on invasive weeds affects virus infection of nearest crops under different management systems-A preliminary study,** Frontiers in plant science, 11:684, **(IF=4,402)** doi: 10.3389/fpls.2020.00684

Botond Turóczi, József Bakonyi, **Károly-Attila Szabó**, János Bálint, István Máthé, Szabolcs Lányi, Adalbert Balog, (2020), **In vitro and in vivo effect of poplar bud extracts on Phytophthora infestans: A new effective biological method in potato late blight control,** Plants, 9(2), 217, **(IF=2,762)** doi.org/10.3390/plants9020217

Attila-Károly Szabó, József Kiss, János Bálint, Szidónia Kőszeghi, Hugh D. Loxdale, Adalbert Balog, (2019), **Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species,** Neobiota, 43:27-45, **(IF=2,643)** doi: 10.3897/neobiota.43.31553

Adalbert Balog, Hugh D. Loxdal János Bálint, Klára Benedek, **Károly-Attila Szabó**, Katalin-Tünde Jánosi-Rancz, Erzsébet Domokos, (2017), **The arbuscular mycorrhizal fungus Rhizophagus irregularis affects arthropod colonization on sweet pepper in both the field and greenhouse**, Journal of Pest Science, pp 1-12, **(IF=3.103)** DOI: 10.1007/s10340-017-0844-1, http://link.springer.com/article/10.1007/s10340-017-0844-1

János Bálint, Attila-Károly Szabó, Barna Tófalvi, Carmen Puia & Adalbert Balog (2016), **Comparing disease resistance of local and international plum cultivars (Prunus domestica) from Eastern Transylvania, Romania.** Journal of Plant Diseases and Protection, 123 (6): 317-320 **(IF=0,477)**

János BÁLINT, Rezső THIESZ, Imre-István NYÁRÁDI, **Károly-Attila SZABÓ** (2013). **Field Evaluation of Traditional Apple Cultivars to Induced Diseases and Pests**. Notulae Botanica Horti Agrobotanica. 41(1): 238-243 **(IF=0,476)**. http://www.notulaebotanicae.ro/index.php/nbha/article/view/9004/7629

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

János BÁLINT, Botond TURÓCZI, István MÁTHÉ, Klára BENEDEK, **Károly-Attila SZABÓ**, Adalbert BALOG (2014). **In Vitro and In Vivo Effect of Poplar Bud (*Populi gemma*) Extracts on Late Blight (*Phytophthora infestans*).** Acta Universitatis Sapientiae Agriculture and Environment, 6 1-8 http://www.acta.sapientia.ro/acta-agrenv/C6/agrenv6-1.pdf

III. RECUNOAŞTEREA

J. Citări

Attila-Károly Szabó, Éva Várallyay, Emese Damian, Anna Hegyi, Zsuzsanna Nagyné Galbács, József Kiss, János Bálint, Hugh D. Loxdale, Adalbert Balog, (2020), **Local aphid species infestation on invasive weeds affects virus infection of nearest crops under different management systems-A preliminary study,** Frontiers in plant science, 11:684, **(IF=4,402)** doi: 10.3389/fpls.2020.00684

György Pasztor, Zsuzsanna Galbacs, Tamas Kossuth, Emese Damian, Erzsebet Nadasy, Andras P. Takacs, Eva Varallyay, (2020), **Millet Could Be both a Weed and Serve as a Virus Reservoir in Crop Fields , Plants, 9 (8), 954**

Botond Turóczi, József Bakonyi, **Károly-Attila Szabó**, János Bálint, István Máthé, Szabolcs Lányi, Adalbert Balog, (2020), **In vitro and in vivo effect of poplar bud extracts on Phytophthora infestans: A new effective biological method in potato late blight control,** Plants, 9(2), 217, **(IF=2,762)** doi.org/10.3390/plants9020217

Eugene A. Rogozhin, Alexey S. Vasilchenko, Anna S. Barashkova, Alexey N. Smirnov, Sergey K. Zavriev, Vladimir P. Demushkin, (2020), Peptide Extracts from Seven Medicinal Plants Discovered to Inhibit Oomycete *Phytophthora infestans*, a Causative Agent of Potato Late Blight Disease, Plants, 9(10), 1294

Teresa López Malo, (2020), Cultivo Y conservación de variedades tradicionales de tomate en la Provincia De Alicante, Facultad de Cienciasgrado en Biologíatrabajo de fin de Gradocurso Académico 2019-2020

Attila-Károly Szabó, József Kiss, János Bálint, Szidónia Kőszeghi, Hugh D. Loxdale, Adalbert Balog, (2019), **Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species,** Neobiota, 43:27-45, **(IF=2,643)** doi: 10.3897/neobiota.43.31553

Attila-Károly Szabó, Éva Várallyay, Emese Damian, Anna Hegyi, Zsuzsanna Nagyné Galbács, József Kiss, János Bálint, Hugh D. Loxdale, Adalbert Balog, (2020), Local aphid species infestation on invasive weeds affects virus' infection of nearest crops under different management systems-A preliminary study, Frontiers in plant science, 11:684, (IF=4,402) doi: 10.3389/fpls.2020.00684

Adalbert Balog, Hugh D. Loxdal János Bálint, Klára Benedek, **Károly-Attila Szabó**, Katalin-Tünde Jánosi-Rancz, Erzsébet Domokos, (2017), **The arbuscular mycorrhizal fungus Rhizophagus irregularis affects arthropod colonization on sweet pepper in both the field and greenhouse**, Journal of Pest Science, pp 1-12, **(IF=3.103)** DOI: 10.1007/s10340-017-0844-1, http://link.springer.com/article/10.1007/s10340-017-0844-1

Binh T. T. Tran, Stephanie J. Watts-Williams, Timothy R. Cavagnaro, (2019), Impact of an arbuscular mycorrhizal fungus on the growth and nutrition of fifteen crop and pasture plant species, *Functional Plant Biology* 46(8) 732-742

Tünde Takács, Imre Cseresnyés, Ramóna Kovács, István Parádi,Bettina Kelemen, Tibor Szili-Kovács Anna Füzy, (2018), Symbiotic Effectivity of Dual and Tripartite Associations on Soybean (Glycine max L. Merr.) Cultivars Inoculated With Bradyrhizobium japonicum and AM Fungi, Frontiers of Plant Science 9:1631

Attila-Károly Szabó, József Kiss, János Bálint, Szidónia Kőszeghi, Hugh D. Loxdale, Adalbert Balog, (2019), Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species, Neobiota, 43:27-45, (IF=2,643) doi: 10.3897/neobiota.43.31553

John M. Grunseich, Morgan N. Thompson, Natalie M. Aguirre, Anjel M. Helms, (2020), The Role of Plant-Associated Microbes in Mediating Host-Plant Selection by Insect Herbivores, Plants, 9, 6

Mo We-jun, HE Zhen-jun, Yang Yu, Liu Chao, Wang Bin, Wang Jian-Ping, (2019), Phototaxis of Anguilla marmorata based on fish attracting technology of eel passage, Chianese Journal of Applaid Ecology, 30(6): 2109-2115

LI Yang, YAN Jun-Xin, CHEN Xiao-Ling,,(2019) Advances in Research on the Effects of AM Fungi on Plant Pest Control, Journal of Agricultural Biotechnology, 27(9): 1692-1702

János Bálint, **Attila-Károly Szabó**, Barna Tófalvi, Carmen Puia & Adalbert Balog (2016), **Comparing disease resistance of local and international plum cultivars (Prunus domestica) from Eastern Transylvania, Romania.** Journal of Plant Diseases and Protection, 123 (6): 317-320 **(IF=0,477)**

Tomo Miloevic, Nebojsa Milosevic, (2018), Plum (Prunus spp.) Breeding, Advances in Plant Breeding Strategies: Fruits, pp165-215

János BÁLINT, Rezső THIESZ, Imre-István NYÁRÁDI, **Károly-Attila SZABÓ** (2013). **Field Evaluation of Traditional Apple Cultivars to Induced Diseases and Pests**. Notulae Botanica Horti Agrobotanica. 41(1): 238-243 **(IF=0,476)**. http://www.notulaebotanicae.ro/index.php/nbha/article/view/9004/7629

Maria Mihai Antofie, Ion Barbu, Camelia Sava, Robert Blaj, (2016), Traditional orchards in Romania: case study Fântânele, Sibiu County, Genetic Resources and Crop Evolution, 63: 1035-1048

D. Papp, I. Kiraly, M. Toth, (2016), Suitability of old apple varieties in organic farming, based on their resistance against apple scab and powdery mildew, Organic Agriculture, 6:183-189

Imre J Holb, (2017), Categorization of apple cultivars based on seasonal powdery mildew disease progression in two disease management systems over 12 years, Trees 31: 1905-1917

Király, Ildikó és **Szabó, Tibor** és **Budainé Veres, Ágnes** és **Tabaković, Alexandar** és **Tóth, Magdolna** (2015), Régi magyar almafajták ökológiai termesztésre való alkalmasságának értékelése = Evaluation of old hungarian apple cultivars to use in organic farming, GRADUS, 2 (2). pp. 275-282

Fericean Liana Mihaela, Corneanu Mihaela, (2016), THE VARIABILITY OF SOME PHENOTYPIC FEATURES AND LIFE CYCLE IN TWO Aphis pomi POPULATIONS FROM WESTERN ROMANIA, Muzeul Olteniei Craiova. Oltenia. Studii şi comunicări. Ştiinţele Naturii. Tom. 32, No. 1/2016

I. Király, D. Papp, T. Szabó, Á. Budainé Veres, G. Palásthy, M. Tóth, (2017) Evaluation of the field resistance of old and new Hungarian apple cultivars to scab and powdery mildew, Acta Hortic. 1172. ISHS 2017 Proc. XIV EUCARPIA Symp. on Fruit Breeding and Genetics

Ildikó Király, Gyula Kovács, Attila Bandi, Erika Lakatos, Viktória Kapcsándi, Rita Székelyhidi, (2020), Investigation of the nutritional and health values of apple land varieties, Journal of Food Investigation – special edition I. pp: 32-40

Data,
05.01.2021

Semnătura,