

Lista de lucrări

Adalbert Balog

A. Teza de doctorat

Balog A.: *Effect of ecological disturbance on staphylinidae communities (Coleoptera: Staphylinidae) in orchards*. Budapest University of Economic Science and Public Administration, Faculty of Horticultural Science, Department of Entomology, 2003. Coordonator științific: Prof. Dr. Zoltán Mészáros, Prof. Dr. Viktor Markó.

B. Cărți publicate

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

1. **Balog A.:** *Zoologie în protecția plantelor - Növényvédelmi állattan – elméleti rész*. (lb. Maghiară) Egyetemi Kiadó, Budapest (University Press Budapest-Ungaria), 2002. 98 pagini. (Manual de curs pentru studenți anul II Horticultura)

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

1. **Balog, A.** (2012): *Effect of ecological disturbance on staphylinidae communities (Coleoptera: Staphylinidae) in orchards*. Teza de doctorat publicat sub formă de carte. Editure Scientia, Cluj 160 pp.
2. Bálint, J., **Balog, A.**, Nyárádi, I.I. (2012): *Amit a növényvédőszer hatóanyagokról tudni kell*. Editura University Press, ISBN 978-973-169-174-9, 284 pp.

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

1. **Balog, A.** (Editor), Autorii: Bálint, J., Kovács L., Kentelky E., Jakab S., Nyárádi I.I., Thiesz R.: *Az Erdélyi Magyar agrár oktatás múltja, jelene és jövője*, Editura Niko, Tg.Mureș 2008, ISBN 978-973-1947-02-0, 100 pagini.

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

B5. Capitole de cărți publicate în străinătate

C. Lucrări științifice

C1. Lucrări științifice publicate în reviste cotate ISI (*-autor correspondent, factorul de impact în anul publicării și clasificarea Scimago este inclus la sfârșitul fiecăruia).

1. Keszthelyi, S., Gerbovits., B., Donkó, T., Csóka, A., **Balog, A.**, Jócsák, I (2025). The massification of an atypical field symptom: damaged oilseed rape caused by *Aulacobaris coerulescens* (Col.: Curculionidae) using computed tomography approaches. *J Plant Dis Prot* 132:170. <https://doi.org/10.1007/s41348-025-01168-0>. (IF. 2,2) Scimago ranking Q1.
2. **Balog, A*.**, Martin, K. (2025). Comparison of Soil-Dwelling Predatory Arthropod Activity Density and Diversity Under Annual and Perennial Cereal Production in Europe. *Journal of Applied Entomology*. (in press) <https://doi.org/10.1111/jen.70024>. (IF. 2) Scimago ranking Q2.

3. Keszthelyi, S., Toth, Z., **Balog, A** (2025). A Tillage-Dependent System of Arable Pests: How Soil Condition and Prevailing Climate Influence Pest Occurrence? *Agronomy*, 15, 1454. <https://doi.org/10.3390/agronomy15061454>. (IF. 3,4) Scimago ranking Q1.
4. Csorba, A.B., Dinescu, S., Gradisteanu Pircalabioru, G., For a, C.G., Loxdale, H.D., **Balog, A***. (2025). Corn leaf aphid, *Rhopalosiphum maidis* (Fitch) (Hemiptera: Aphididae) population expansion influenced by endosymbiotic bacterial diversity along a gradient of maize management and climate conditions. *Symbiosis*, 95:363–374. <https://doi.org/10.1007/s13199-025-01054-1>. (IF. 2,00) Scimago ranking Q1.
5. Csorba, A.B., Szanyi, K., Szanyi, Sz., Tarcali, G., **Balog, A***, Nagy, A. (2025). Pre-Crop Chemical Control Has No Effects on Corn Leaf Aphid, *Rhopalosiphum maidis* (Fitch) (Hemiptera: Aphididae) Endosymbiotic Bacterial Diversity Along an Industrial Maize Management. *Insects* 2025, 16, 417. <https://doi.org/10.3390/insects16040417>. (IF. 2,9) Scimago ranking Q1.
6. Loxdale HD., **Balog A.** (2025). The Paradox of Generalism, a philosophical perspective. *Generalism, a philosophical perspective. Front. Ecol. Evol., Sec. Behavioral and Evolutionary Ecology*, Volume 13 – 2025, doi: 10.3389/fevo.2025.1562456. (IF. 2,6) Scimago ranking Q1.
7. Keszthelyi, S., Gerbovits, B., Donkó, T., Csóka, Á., **Balog, A.**, Somfalvi-Tóth, K. (2025). Comparative analysis of hidden damage caused by the stem borer *Ceutorhynchus* species in oilseed rape using computer tomography. *Agricultural and Forest Entomology*, 27(3), 369-376. <http://dx.doi.org/10.1111/afe.12669>. (IF. 1,8) Scimago ranking Q1.
8. Fora, CG., Dinescu, S., Gradisteanu Pircalabioru, G., Loxdale, H.D., **Balog, A***. (2024). Oak aphids *Tuberculatus Annulatus* (Hartig, 1841) and *Thelaxes Dryophila* (Schrank, 1801) (Hemiptera: Aphididae) endosymbiont microbiome diversity alters between natural and artificial oak forests regeneration. *Symbiosis*, <https://doi.org/10.1007/s13199-024-01023-0>. (IF. 2,00) Scimago ranking Q1.
9. Fora, CG., Csorba, AB., **Balog, A***. (2024). The Effect of Spinosad on the Oak Lace Bug *Corythucha arcuata* (Hemiptera: Tingidae)—A Preliminary Study Performed Under Laboratory Conditions. *Insects* 15 (10), 815. <https://doi.org/10.3390/insects15100815>. (IF. 2,9) Scimago ranking Q1.
10. Demeter, I., Lajos, K., **Balog, A.**, Sárospataki, M .(2014). Hymenopteran groups' role in ecological indication along the last traditionally managed meadows in Eastern Europe. *Ecology and Evolution* 14 (10), e70306. <https://doi.org/10.1002/ece3.70306>. (IF. 2,3) Scimago ranking Q1.
11. Csorba, A.B., Dinescu, S., Gradisteanu Pircalabioru, G., Fora, C.G., Bálint, J., Loxdale, H.D., **Balog, A***. (2024). Aphid adaptation in a changing environment through their bacterial endosymbionts: an overview, including a new major cereal pest (*Rhopalosiphum maidis* (Fitch) scenario. *Symbiosis*. <https://link.springer.com/article/10.1007/s13199-024-00999-z>. (IF. 2,00) Scimago ranking Q1.
12. Keszthelyi S., Orsi-Gibicsar Sz., Pal-Fam F., Somfalvi K., **Balog A.** (2024). Colour polymorphism of cotton bollworm larvae as a function of the type of host plant providing its development. *Front. Ecol. Evol., Sec. Behavioral and Evolutionary Ecology*, Volume 12/2024. <https://doi.org/10.3389/fevo.2024.1376435>. (IF. 2,6) Scimago ranking Q1.
13. Demeter, I., Sárospataki, M., Zsigmond, A.R., Lajos, K., **Balog, A***. (2023). Deleterious Effect of LiCl on Honeybee (*Aphis mellifera*) Grubs and no Effect on Varroa mites (*Varroa destructor*) under

14. Székely-Varga, Zs., Simpf, R., Kentelky, E., Benedek, K., Molnár, K., Biró-Janka, B., **Balog, A***. (2023). Comparing different grass species varieties and grass mixtures in the environmental conditions of Targu Mures. *Scientific Papers. Series B, Horticulture*. Vol. LXVII, No. 1. https://horticulturejournal.usamv.ro/pdf/2023/issue_1/Art64.pdf (IF. 0,3).
15. Buchkowski, RW*, Benedek, K., Bálint, J., Molnár, A., Felföldi, T., Fazakas, Cs., Schmitz, OJ., **Balog, A***. (2023). Plant chemical variation mediates soil bacterial community composition. *Scientific Reports*. 13(1), 6088. [10.1038/s41598-023-32935-4](https://doi.org/10.1038/s41598-023-32935-4) (IF. 3,8). Scimago ranking D1.
16. Szabó, KA*, Bálint, J., Molnár, A., Aszalos, SzE., Fora, CG., Loxdale, HD., **Balog, A***. (2022). Associational susceptibility of crop plants caused by the invasive weed Canadian goldenrod, *Solidago canadensis*, via local aphid species. *Frontiers in Ecology and Evolution*. 10:1080599. <https://doi.org/10.3389/fevo.2022.1080599> (IF. 3,00). Scimago ranking Q1.
17. Fora, GC*, Boja, N., Moatar, M., Tóth, F., **Balog, A***. (2022). Effect of entomopathogenic fungi, *Beauveria bassiana* (Cordycipitaceae), on the bark beetle, *Ips typographus* (L.), under field conditions. *Insects* 13(10), 885. <https://doi.org/10.3390/insects13100885> (IF. 3,00). Scimago ranking Q1.
18. Putnoky-Csicsó, B., Tóth, F., Bálint, J., Kentelky, E., Benedek, K., Fora, GC., Nyárádi, II., **Balog, A***. (2022). Entomopathogenic fungus *Metarhizium anisopliae* (strain NCAIM 362) effects on soil inhabiting *Melolontha melolontha* (Coleoptera) and *Duponchelia fovealis* (Lepidoptera) larvae in sweet potato (*Ipomoea batatas* L.). *Plant Protection Science* 58(3), 264-268. <https://doi.org/10.17221/2/2022-PPS>. (IF. 1,30). Scimago ranking Q3.
19. Csorba, AB., Fora, GC., Bálint, J., Felföldi, T., Szabó, A., Máthé, I., Loxdale, HD., Kentelky, E., Nyárádi, II., **Balog, A***. (2022). Endosymbiotic bacterial diversity of corn leaf aphid, *Rhopalosiphum maidis* Fitch (Hemiptera: Aphididae) associated by maize management systems. *Microorganisms* 2022, 10(5), 939. <https://doi.org/10.3390/microorganisms10050939>. (IF. 4,50). Scimago ranking Q2.
20. Kentelky E., Szekely-Varga Zs., Bálint J., **Balog A***. (2021). Enhance Growth and Flower Quality of *Chrysanthemum indicum* L. with Application of Plant Growth Retardants. *Horticulture* 7(12), 532. <https://doi.org/10.3390/horticulturae7120532>. (IF. 2,923). Scimago ranking Q1.
21. Demeter I., **Balog A***, Sarospataki M*. (2021). Variation of small and large wild bee communities under honey bee pressure in highly diverse natural habitats. *Frontiers in Ecology and Evolution* 9(750236). <https://doi.org/10.3389/fevo.2021.750236>. (IF. 4,493). Scimago ranking D1.
22. Fora, C.G*, **Balog, A***. (2021). The effects of the management strategies on spruce bark beetles populations (*Ips typographus* and *Pityogenes chalcographus*), in Apuseni Natural Park, Romania. *Forests* 12(6), 1-11. <https://doi.org/10.3390/f12060760>. (IF. 3,282). Scimago ranking Q1.
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24. Szenkovics, D., Tonk, M., **Balog A***. (2021). Can genetically modified (GM) crops act as possible alternatives to mitigate world political conflicts for food? Food and Energy Security, 10 (1), e268. <https://doi.org/10.1002/fes3.268>. (IF. 4,667). Scimago rank **D1**.
25. Csorba, A.B., Bálint, J., Felföldi, T., Szabó, A., Fora, C.G., Máthé, I., Loxdale, H.D., **Balog, A***. (2021). Endosymbiotic bacterial diversity associated with corn leaf aphid, *Rhopalosiphum maidis* Fitch (Hemiptera: Aphididae) populations under different maize management systems – preliminary study. North-Western Journal of Zoology 17(2), 155-159. http://biozoojournals.ro/nwjz/content/v17n2/nwjz_e201105_Csorba.pdf. (IF. 0,778). Scimago rank **Q3**.
26. Demeter, I., **Balog, A.**, Józson, Zs., Sárospataki, M. (2021). Comparison of wild bee communities of three semi-natural meadow habitats at Harghita Covasna regions, Transylvania, Romania. Acta Zoologica Academiae Scientiarum Hungaricae 67(2), 161-175. <https://doi.org/10.17109/AZH.67.2.161.2021>. (IF. 0,923). Scimago rank **Q3**.
27. Putnoky-Csicsó, B., Tonk, Sz., Szabó, A., Márton, Zs., Tóthné Bogdányi, F., Tóth, F., Abod, É., Bálint, J., **Balog A***. (2020). Effectiveness of the entomopathogenic fungal species *Metarhizium anisopliae* strain NCAIM 362 treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.). Journal of Fungi 6(3), 116, <https://doi.org/10.3390/jof6030116>. (IF. 5,816). Scimago rank **D1**.
28. Domokos E., Bíró-Janka B., Bálint J., Molnár K., Fazakas Cs., Jakab-Farkas L., Domokos J., Albert Cs., Mara Gy., **Balog A***. (2020). Arbuscular mycorrhizal fungus *Rhizophagus irregularis* influences *Artemisia annua* plant parameters and artemisinin content under different soil types and cultivation methods. Microorganisms 8(6), 899; <https://doi.org/10.3390/microorganisms8060899>. (IF. 4,128). Scimago rank **Q2**.
29. Szabó KA, Várallyay É, Demian E, Hegyi, A, Nagyné Galbács Zs, Kiss J, Bálint J, Loxdale HD, **Balog A***. (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); <https://doi.org/10.3389/fpls.2020.00684>. (IF. 5,753). Scimago rank **D1**.
30. Turoczi, B., Bakonyi, J., Szabó, KA., Bálint, J., Máthé, I., Lányi, Sz., **Balog, A***. (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; <https://doi.org/10.3390/plants9020217>. (IF. 3,935). Scimago rank **Q1**.
31. Loxdale HD., **Balog A.**, Biron DG. (2020) Aphids in focus: unravelling their complex ecology and evolution using genetic and molecular approaches. Review. Biological Journal of the Linnean Society 129(3), 507-531. <https://doi.org/10.1093/biolinnean/blz194>. (IF. 2,138). Scimago rank **Q1**.
32. Tóthné Bogdányi F, Petrikovszki R, **Balog A**, Putnoki Csicsó B, Gódor A, Bálint J, Tóth F (2019). Current knowledge of the entomopathogenic fungal species *Metarhizium flavoviride* sensu lato and its potential in sustainable pest control. Insects 10(11), 385. <https://doi.org/10.3390/insects10110385> (IF. 2,22). Scimago rank **Q1**.
33. Loxdale HD, **Balog A**, Harvey JA (2019). Generalism in nature...the great misnomer: aphids and wasp parasitoids as examples. Insects 10(10), 314. <https://doi.org/10.3390/insects10100314>. (IF. 2,22). Scimago rank **Q1**.

34. Benedek, K., Bálint, J., Máthé, I., Mara, Gy., Felföldi, T., Szabó, A., Fazakas, Cs., Albert, Cs., Buchkowski, R.W., Schmitz, O.J., **Balog, A***. (2019). Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. *Plant and Soil* 444, 383–397. <https://doi.org/10.1007/s11104-019-04284-7>. (IF. 3,299). Scimago rank Q1.
35. Mehrparvar, M., Rajaei, A., Rokni, M., **Balog, A.**, Loxdale, HD. (2019) Bottom-up effects in a tritrophic plant-aphid-parasitoid system: Why being the perfect host can have its disadvantages. *Bulletin of Entomological Research*, 109(6), 831-839. <https://doi.org/10.1017/S0007485319000129>. (IF. 1,814). Scimago rank Q1.
36. Szabó AK, Kiss J, Bálint J, Kőszeghi Sz, Loxdale HD, **Balog A***. (2019). Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species. *NeoBiota* 43, 27-45. <https://doi.org/10.3897/neobiota.43.31553>. (IF. 2,643). Scimago rank D1.
37. Benedek, K., Mara, Gy., Mehrparvar, M., Bálint, J., Loxdale, HD., **Balog, A***. (2019). Near-regular distribution of adult crimson tansy aphids, *Uroleucon tanacetii* (L.), increases aposematic signal honesty on different tansy plant chemotypes. *Biological Journal of the Linnean Society*, 126, 315–326. <https://doi.org/10.1093/biolinnean/bly180>. (IF. 2,203). Scimago rank Q1.
38. Domokos, E., Jakab-Farkas, L., Darkó, B., Bíró-Janka, B., Mara, Gy., Albert, Cs., **Balog, A***. (2018). Increase in *Artemisia annua* Plant Biomass Artemisinin Content and Guaiacol Peroxidase Activity using The Arbuscular Mycorrhizal Fungus *Rhizophagus irregularis*. *Frontiers in Plant Science*, 9, 478. <https://doi.org/10.3389/fpls.2018.00478>. (IF. 4,106). Scimago rank D1.
39. Pálincás Z., Zalai M., Szénási Á., Dorner Z., Kiss J., North S., Woodward G., **Balog A***. (2018). Arthropods dataset from different genetically modified maize events and associated controls. *Scientific Data* 5:180019. <https://doi.org/10.1038/sdata.2018.19>. (IF. 5,929). Scimago rank D1.
40. Bálint J., Benedek K., Loxdale H.D., Kovács E., Ábrahám B., **Balog A*** (2018). How host plants and predators influence pea aphid (*Acyrtosiphon pisum* Harris) populations in a complex habitat. *North-Western Journal of Zoology*, 14(2), 149-158. http://biozoojournals.ro/nwjz/content/v14n2/nwjz_e171103_Balint.pdf. (IF. 0,843). Scimago rank Q3.
41. Loxdale HD, **Balog A.** (2018). Aphid specialism as an example of ecological-evolutionary divergence. *Biological Reviews* 93(1): 642-657. <https://doi.org/10.1111/brv.12361>. (IF. 10,288). Scimago rank D1.
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44. **Balog A***, Loxdale HD, Bálint J, Benedek K, Szabó KA, Jánosi-Rancz KT, Domokos E. (2017) The arbuscular mycorrhizal fungus *Rhizophagus irregularis* affects arthropods colonization on sweet pepper in both the field and greenhouse. *Journal of Pest Science*, 90(3): 935–946. <https://doi.org/10.1007/s10340-017-0844-1>. (IF. 4,402). Scimago rank D1.

45. Pálincás, Z., Kiss, J., Zalai, M., Szénási, Á., Dorner, Z., North, S., Woodward, G., **Balog, A.*** (2017) Effects of genetically modified maize events expressing Cry34Ab1, Cry35Ab1, Cry1F and CP4 EPSPS proteins on arthropod complex food webs. *Ecology and Evolution*, 7(7): 2286–2293. <https://doi.org/10.1002/ece3.2848>. (IF. 2,340). Scimago rank **Q1**.
46. Urák, I., Hartel, T., Gallé, R., **Balog, A*** (2017). Worldwide peatland degradations and the related carbon dioxide emissions: the importance of policy regulations. *Environmental Science and Policy* 69: 56-64. <https://doi.org/10.1016/j.envsci.2016.12.012>. (IF. 3,826). Scimago rank **D1**.
47. Bálint, J., Szabó, AK., Tófalvi, B., Puia, C., **Balog, A.** (2016) Comparing diseases resistance of local and international plum cultivars (*Prunus domestica*) from Eastern Transylvania, Romania. *Journal of Plant Diseases and Protection* 123: 317. <https://doi.org/10.1007/s41348-016-0048-6>. (IF. 0,485). Scimago rank **Q3**.
48. Bálint, J., Zytynska, S.E., Salamon, R.V., Mehrparvar, M., Weisser, W.W., Schmitz, O.J., Benedek, K., **Balog, A***. (2016): Intraspecific differences in plant chemotype determines the structure of arthropod food webs. *Oecologia* 180(3): 797-807. <https://doi.org/10.1007/s00442-015-3508-y>. (IF. 3,130). Scimago rank **Q1**.
49. Pálincás, Z., Zalai, M., Szénási, Á., Dorner, Z., **Balog, A***. (2016): Rove Beetles (Coleoptera Staphylinidae) - their abundance and competition with other predatory groups in Bt maize expressing Cry34Ab1, Cry35Ab1, Cry1F and CP4 EPSPS proteins. *Crop Protection*. 80: 87-93. <https://doi.org/10.1016/j.cropro.2015.11.001>. (IF. 1,834). Scimago rank **Q1**.
50. Domokos, E., Biro-Janka, B., Kovács, E., Ábrahám, B., **Balog, A***. (2015): Genetic variability of the green peach aphid (*Myzus persicae*) populations in different host plants. *North-Western Journal of Zoology*. 11(2): 369-371. https://biozoojournals.ro/nwjz/content/v11n2/nwjz_152202_Domokos.pdf (IF. 0,539). Scimago rank **Q3**.
51. Benedek, K., Bálint, J., Salamon, VR., Kovács, E., Ábrahám, B., Fazakas, Cs., Loxdale, HD., **Balog, A***. (2015). Chemotype of tansy (*Tanacetum vulgare* L.) determines aphid genotype and its associated predator system. *Biological Journal of the Linnean Society*, 114, 709-719. <https://doi.org/10.1111/bij.12445>. (IF. 1,984). Scimago rank **Q1**.
52. Szénási, Á., Pálincás, Z., Zalai, M., Schmitz, O.J. & **Balog, A***. (2014). Short-term effects of different genetically modified maize varieties on arthropod food web properties: an experimental field assessment. *Scientific Reports* 4, 5315. <https://doi.org/10.1038/srep05315>. (IF. 5,578). Scimago rank **D1**.
53. Bálint, J., Nagy, Sz., Thiesz, R., Nyárádi, II., **Balog, A***. (2014). Biocontrol strategy to reduce asexual reproduction of apple scab (*Venturia inaequalis*) by using plant extracts. *Turkish Journal of Agriculture and Forestry*. <https://doi.org/10.3906/tar-1302-17>. 38, 91-98 (IF. 0,914). Scimago rank **Q2**.
54. **Balog, A***. (2013) Jumping ‘ship’ can have its costs: Implications of predation and host plant species for the maintenance of pea aphid (*Acyrtosiphon pisum* Harris) colour polymorphism. *Bulletin of Entomological Research* 103, 578 – 583. <https://doi.org/10.1017/S0007485313000217>. (IF. 1,895). Scimago rank **Q1**.
55. **Balog, A***, Schmitz, OJ (2013) Predation Determines Different Selective Pressure on Pea Aphid Host Races in a Complex Agricultural Mosaic. *PLoS ONE* 8(2): e55900. <https://doi.org/10.1371/journal.pone.0055900>. (IF. 3,534). Scimago rank **D1**.

56. **Balog, A*.,** Schmitz, OJ (2013) Predation drives stable coexistence ratios between red and green pea aphid morphs. *Journal of Evolutionary Biology* 26 (2013) 545–552. <https://doi.org/10.5061/dryad.rc3fj>. (IF. 3,483). Scimago rank **D1**.
57. **Balog, A*.,** Mehrparvar M, Weisser WW (2013) Polyphagous predatory rove beetles (Coleoptera: Staphylinidae) induce winged morphs in the pea aphid *Acyrtosiphon pisum*. *European Journal of Entomology*, 8(2), 153-157. <https://doi.org/10.14411/eje.2013.021>. (IF. 1,076). Scimago rank **Q2**.
58. **Balog, A*.,** Hartel T., Máthé I., Urák I. (2012) Carabid assemblages along a land use gradient in a Carpathian Mountain landscape. *North-Western Journal of Zoology*, 8(2), 215-222. <http://biozoojournals.ro/nwjz/content/v8n2/nwjz.121115.Balog.pdf>. (IF. 0,747). Scimago rank **Q3**.
59. **Balog, A*.,** Ferencz, L., Hartel, T. (2011) Effects of Chitin and Contact Insecticide Complexes on the Abundance and Species Richness of Rove beetles (Coleoptera: Staphylinidae) in Commercial Orchards. *Journal of Insect Science* 2011; 11:93. <https://doi.org/10.1673/031.011.9301>. (IF. 0,947). Scimago rank **Q2**.
60. **Balog, A*.,** Szénási, A., Szekeres, D., Pálincás Z. (2011) Analysis of soil dwelling rove beetles (Coleoptera: Staphylinidae) in cultivated maize fields containing the Bt toxins, Cry34/35Ab1 and Cry1F x Cry34/35Ab1. *Biocontrol Science and Technology*, 21: 3, 293-297. <https://doi.org/10.1080/09583157.2010.545104>. (IF. 0,919). Scimago rank **Q2**.
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Factor de impact total: 181,007

Articol Influence Score total:108,595

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

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E. Editare, coordonare de volume

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F. Inventii.

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

1. **Membru: NAPERDIV** - Nature-based perennial grain cropping as a model to safeguard functional biodiversity towards future-proof agriculture. (DE, AT, BE, FR, PL, RO, SE). Funding: Biodiversa ERA-NET, principal investigator Prof. Frank Rasche, University of Hohenheim, Germany. Term 2021-2023. Valoare totală: 1.393.000 euro. <https://naperdiv.uni-hohenheim.de/team>
2. **Director de proiect:** "Behavioural ecology of the parasitoid rove beetles Aleochara bilineata and A. bipustulata (Coleoptera: Staphylinidae, Aleocharinae) associated with its host odours in genetically modified field corn (Zea mays)" **(2008/1881)**. 07/05/2008 - 07/06/2008 European Science Foundation, Behavioural Ecology of Insect Parasitoids - from theoretical approaches to field applications (BEPAR). www.esf.org. Franța.
3. **Director de proiect:** "Optimality modelling of behavioural ecology of the parasitoid rove beetles Aleochara bilineata and A. bipustulata (Coleoptera: Staphylinidae) in Hungarian agricultural fields"

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4. **Director de proiect:** „Rolul stafilinidelor (Coleoptera: Staphylinidae) în livezi de măr și culturi de grâu” (BO/00455/04). 2004/09/01 – 2007/08/31 Academia de Științe Maghiară Bursa de Cercetare „Bolyai János” www.mta.hu. Ungaria.
 5. **Director de proiect:** „Conserving the flora and fauna of Balea Lake region – Transylvania-Romania” (56/07/2005). 2005/10/31 – 2006/09/30 Rufford Small Grant for Nature Conservation. www.rufford.org. Anglia.
 6. **Membru:** „Conserving the oligotroph meadows flora and fauna in Eastern Transylvania, Romania” (142/07/2004). 2004/10/31 – 2005/09/30 Rufford Small Grant for Nature Conservation. www.rufford.org. Anglia. **Director de proiect:** Conf. Dr. Urák István.

H. Contracte de cercetare NAȚIONALE

1. **Membru de echipă:** PN-IV-P7-7.1-PED2024-0433 Rezistența la afide integrată în plantele de cartof prin hibridare somatică, suport pentru o agricultură ecologică. UEFISCDI, PED, 2024-2026. (Valoare 150 000 euro).
2. **Director de proiect:** PN-III-P4-PCE-2021-0543. Efectul mediului și a managementului asupra variația clonală și diversitatea microbiană simbiotică la păduchi de porumb (*Rhopalosiphum maidis* Fitch), UEFISCDI, 2022-2024. (Valoare 240 000 euro).
3. **Director de proiect:** PN-II-RU-TE-2011-3-0096. Schimb de plante gazde sub influența prădătorilor – studiul de caz ale evoluției rapide la păduchii de mazăre, UEFISCDI, 2011-2014 (Valoare 150 000 EURO).
4. **Director de proiect:** „Relații plante-păduci-prădători la vetricea (*Tanacetum vulgare*) 2012 – 2014 Universitatea Sapientia – Fundația Sapientia, Institutul Programelor de Cercetare. www.kpi.sapientia.ro.
5. **Membru:** „Macroecological neutral model studies - Makro-ökológiai neutrális modell vizsgálata” (1296/25.10.2005). 2005/10/01 – 2006/07/31 Universitatea Sapientia – Fundația Sapientia, **Director de proiect:** Prof. Dr. Neda Zoltán, www.kpi.sapientia.ro.
6. **Membru:** „Macroecological model studies - „Makro-ökológiai skálatörvények modellezése” (14/2004-2005). 2004/10/01 – 2005/07/31 Universitatea Sapientia – Fundația Sapientia, **Director de proiect:** Prof. Dr. Neda Zoltán, www.kpi.sapientia.ro.
7. **Director de proiect:** „Rolul insectelor prădătoare în livezi - Ragadozó rovarcsoportok szerepe a kártevők elleni védekezésben különféle módszerekkel termesztett gyümölcsültetvényekben” (80/18.05.2004). 2003/04/01 – 2004/09/30 Universitatea Sapientia – Fundația Sapientia, Institutul Programelor de Cercetare. www.kpi.sapientia.ro.

I. Premii, distincții.

Premiul Academiei de Științe Maghiară pentru rezultatelor obținute în cercetare, 14.04.2008

J. Citări

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<https://publons.com/researcher/3701433/balog-adalbert/>

Scopus

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Researchgate

<https://www.researchgate.net/profile/Balog-Adalbert>

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[ResearcherID: AAR-4097-2021](#)

Cluj-Napoca 17 octombrie 2025

Dr. BALOG Adalbert

Semnătura,

A handwritten signature in blue ink, appearing to be 'Adalbert Balog', written in a cursive style.