

Lista de lucrări

NUMELE ȘI PRENUMELE: Szekely-Varga Zsolt

A. Teza de doctorat

Titlul: Cercetări privind influența unor factori tehnologici și de stres abiotic asupra unor varietăți de lavandă (*Lavandula angustifolia* Mill.)

Conducători de doctorat: Prof. Univ. Dr. Maria Cantor, USAMV Cluj-Napoca;
Prof. Univ. Dr. Monica Boscaiu, UPV Valencia

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. Kentelky Endre, **Székely-Varga Zsolt** (2022). Dísznövénytermesztés (Floricultură), Ediție extinsă, CIP nr. 02208/01.02.2022, ISBN 978–973–169–747–4, Editura University Press, Târgu-Mureș, 225.

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

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

B5. Capitole de cărți publicate în străinătate

1. Kentelky Endre, **Székely-Varga Zsolt** (2023). Impact of foliar fertilization on growth, flowering, and corms production of five *Gladiolus* varieties. In: *Improving Fertilizer Use Efficiency–Methods and Strategies for the Future*, Eds: Przemysław Barłóg, Jim Moir, Lukáš Hlisnikovský, Xinhua He; MDPI: Basel, Switzerland, pp. 291–301. ISBN 978-3-0365-9583-2.

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Endre Kentelky, **Zsolt Szekely-Varga**, Csanád Tas Szabó, Andrea Tillyné-Mándy (2025). *Dendrobium antennatum* Lindl. micropropagated under the influence of various concentrations of Ferbanat L[®]. *Scientific Papers. Series B, Horticulture* 69(1), 599–610. https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art73.pdf.
2. Géza Balla, **Zsolt Szekely-Varga**, Attila Bandi, Csaba Moldovan, Endre Kentelky (2025). Investigating the impact of cluster load on the characteristics of two white wine grape varieties ('Királyleányka'/'Fetească regală' and 'Kerner'). *Scientific*

- Papers. Series B, Horticulture* 69(1), 272–278.
https://horticulturejournal.usamv.ro/pdf/2025/issue_1/Art32.pdf.
3. Endre Kentelky, Hadassa Dumitru, Ildikó Lihät, **Zsolt Szekely-Varga** (2024). Playgrounds as Residual Areas—Case Study of a Playground Regeneration Proposal in Târgu-Mureş, Romania. *Urban Science* 8(4), 203.
<https://doi.org/10.3390/urbansci8040203>. (IF: 2.1).
 4. **Zsolt Szekely-Varga**, Ildikó Lihät, Attila Bandi, Géza Balla, Endre Kentelky (2024). Influence of cold treatments on flower quality of bulbous ornamentals. *Scientific Papers. Series B, Horticulture* 68(2), 739–743.
https://horticulturejournal.usamv.ro/pdf/2024/issue_2/Art94.pdf
 5. Géza Balla, **Zsolt Szekely-Varga**, Endre Kentelky (2024). Effect phytotechnological factors on two red wine grape varieties. *Scientific Papers. Series B, Horticulture* 68(2), 233–238. https://horticulturejournal.usamv.ro/pdf/2024/issue_2/Art31.pdf.
 6. **Zsolt Szekely-Varga**, Reimond Simpf, Endre Kentelky, Klára Benedek, Katalin Molnár, Béla Biró-Janka, Adalbert Balog (2023). Comparing different grass species, varieties and grass mixtures in the environmental conditions of Târgu Mureş. *Scientific Papers. Series B, Horticulture* 68(1), 487–494.
https://horticulturejournal.usamv.ro/pdf/2023/issue_1/Art64.pdf.
 7. Endre Kentelky, Erzsébet Domokos, **Zsolt Szekely-Varga**, Monica Boscaiu (2023). Influence of rooting media and hormones on *Mandevilla* vegetative propagation. *Scientific Papers. Series B, Horticulture* 68(1), 413–420.
https://horticulturejournal.usamv.ro/pdf/2023/issue_1/Art55.pdf.
 8. Endre Kentelky, Gergely Loránd Szabó, Ildikó Lihát, Noémi Melitta Hegedüs, Anna Imola Henning, Endre Ványolós, **Zsolt Szekely-Varga** (2023). Ecological educational trail, as linkage between natural areas and historical heritage, presented by the case study of pănet village. *Scientific Papers. Series B, Horticulture* 68(1), 421–430.
https://horticulturejournal.usamv.ro/pdf/2023/issue_1/Art56.pdf.
 9. Endre Kentelky, Gabriella Kiss, Ildikó Lihát, Róbert Marius Tăslăvan, Martin Jakab, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Green rehabilitation concept for a post socialis marketplace (promoting the local farmers and supporting the green infrastructure of the city of Târgu Mureş). *Scientific Papers. Series B, Horticulture*. <http://horticulturejournal.usamv.ro>. Acceptate în curs de publicare.
 10. Géza Balla, Tekla Amália Lunka, József Joó, Csaba Moldován, **Zsolt Szekely-Varga**, Artúr-Botond Csorba, Endre Kentelky (2023). Impact of fermentation temperature and duration on anthocyanin concentration and on quality of cabernet sauvignon wine. *Scientific Papers. Series B, Horticulture* 68(2), 445–455.
https://horticulturejournal.usamv.ro/pdf/2023/issue_2/Art62.pdf.
 11. Géza Balla, Tekla Amália Lunka, József Joó, Csaba Moldován, **Zsolt Szekely-Varga**, Barna Putnoky-Csicsó, Endre Kentelky (2023). Fermentation temperature and duration effect on the quality and anthocyanin content of Kadarka wine produced in the Miniş (Ménes) wine region. *Scientific Papers. Series B, Horticulture* 68(1), 227–232.
https://horticulturejournal.usamv.ro/pdf/2023/issue_1/Art33.pdf.
 12. Endre Kentelky, **Zsolt Szekely-Varga**, Irina M. Morar, Mihaiela Cornea-Cipcigan (2022). Morphological Responses of *Viola* Accessions to Nutrient Solution

- Application and Electrical Conductivity. *Plants* 11(11), 1433. <https://doi.org/10.3390/plants11111433>. (IF: 3.935).
13. **Zsolt Szekely-Varga**, Artúr-Botond Csorba, Katalin Molnár, Martin Iakab, Béla Biró-Janka, Endre Kentelky (2022). Could cactuses endure winter in romanian climatic conditions?. *Scientific Papers. Series B, Horticulture* 66(1), 738–744. http://horticulturejournal.usamv.ro/pdf/2022/issue_1/Art107.pdf.
 14. Endre Kentelky, Zalán Lukács, Tekla Amália Lunka, Klára Benedek, Erzsébet Domokos, Barna Putnoky-Csicsó, **Zsolt Szekely-Varga** (2022). Mycorrhization of *Corylus avellana* L. and *Quercus robur* L. seedlings with *Tuber aestivum* Vittad. *Scientific Papers. Series B, Horticulture* 66(1), 701–705. http://horticulturejournal.usamv.ro/pdf/2022/issue_1/Art101.pdf.
 15. Endre Kentelky, **Zsolt Szekely-Varga**, János Bálint, Adalbert Balog (2021). Enhance Growth and Flower Quality of *Chrysanthemum Indicum* L. with Application of Plant Growth Retardants. *Horticulturae* 7(12), 532. <https://doi.org/10.3390/horticulturae7120532>. (IF: 2.331).
 16. Endre Kentelky, Denisa Jucan, Maria Cantor, **Zsolt Szekely-Varga** (2021). Efficacy of Different Concentrations of NAA on Selected Ornamental Woody Shrubs Cuttings. *Horticulturae* 7(11), 464. <https://doi.org/10.3390/horticulturae7110464>. (IF: 2.331).
 17. Endre Kentelky, **Zsolt Szekely-Varga** (2021). Impact of Foliar Fertilization on Growth, Flowering, and Corms Production of Five Gladiolus Varieties. *Plants* 10(9), 1963. <https://doi.org/10.3390/plants10091963>. (IF: 3.935).
 18. Timea Buru, Erzsébet Buta, Maria Cantor, Ioana Crișan, **Zsolt Szekely-Varga**, Valentin Dan (2021). Seed Germination Rate of Different Turfgrass Mixtures Under Controlled Conditions. *Scientific Papers. Series B. Horticulture* 65(1), 607–612. <http://horticulturejournal.usamv.ro/index.php/scientific-papers/current-issue?id=1007>.
 19. **Zsolt Szekely-Varga**, Sara González-Orenga, Maria Cantor, Monica Boscaiu, Oscar Vicente (2020). Antioxidant responses to drought and salinity in *Lavandula angustifolia* Mill. *Notulae Botanicae Horti Agrobotanici* 48(4), 1980–1992. <https://doi.org/10.15835/nbha48412150>. (FI: 1.168).
 20. **Zsolt Szekely-Varga**, Sara González-Orenga, Maria Cantor, Denisa Jucan, Monica Boscaiu, Oscar Vicente (2020). Effects of drought and salinity on two commercial varieties of *Lavandula angustifolia* Mill. *Plants* 9(5), 637. <https://doi.org/10.3390/plants9050637>. (FI: 2.632).
 21. Cantor Maria, Natalia Vlas, **Zsolt Szekely-Varga**, Denisa Jucan, Adrian Zaharia (2018). The influence of distillation time and flowering phenophase on quantity of essential oil of *Lavandula angustifolia* cv “Codreanca”. *Romanian Biotechnological Letters Bucharest* 23(6), 14146–14152. <https://10.26327/RBL2018.192>. (FI: 0.59).

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

1. Robert Marius Tăslăvan, **Zsolt Szekely-Varga**, Ildikó Lihăt, Endre Kentelky (2024). Pasture with scattered trees. *Romanian Journal of Horticulture* 5, 185–192. <https://doi.org/10.51258/RJH.2024.21>.

2. Maria Cantor, A. Pui, Ioana Moldovan, A.J. Kozel, **Zsolt Szekely-Varga**, Lucia Draghia (2024). Studies on the behavior of some cultivars of *Dahlia* in the Botanical Garden Cluj-Napoca. *Romanian Journal of Horticulture* 5, 175–184. <https://doi.org/10.51258/RJH.2024.20>.
3. Ildikó Lihät, Klaus Birthler, Endre Ványolos, Anna Imola Henning, Noémi Melitta Hegedüs, **Zsolt Szekely-Varga**, Endre Kentelky (2023). The role of a landscape rehabilitation student project in current landscape education – healing urbanization’s footprint. *Acta Biologica Marisiensis* 6(2), 100–112. <https://doi.org/10.2478/abmj-2023-0014>.
4. Noémi Melitta Hegedüs, Ildikó Lihät, Endre Ványolos, Anna Imola Henning, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Rediscovering the historical gardens in the Banat County. *Acta Biologica Marisiensis* 6(2), 37–49. <https://doi.org/10.2478/abmj-2023-0010>.
5. Réka Both, Ildikó Lihät, **Zsolt Szekely-Varga**, Géza Balla, Endre Ványolos, Endre Kentelky (2023). Landscape architecture renovation concept of homorodlok – the sound of nature as value of the landscape. *Current Trends in Natural Sciences* 12(23), 6–16. <https://doi.org/10.47068/ctns.2023.v12i23.001>.
6. Géza Balla, Csaba Moldován, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Examination of the qualitative and quantitative parameters of the white wine grape variety Királyleányka (Fetească regală) in the case of different bud loads. *Current Trends in Natural Sciences*. 12(24), 127–133. <https://doi.org/10.47068/ctns.2023.v12i24.013>.
7. Géza Balla, Csaba Moldován, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Effect of different phytotechnological factors on the qualitative and quantitative parameters of the Italian riesling grape variety. *Current Trends in Natural Sciences*. 12(24), 134–140. <https://doi.org/10.47068/ctns.2023.v12i24.014>.
8. Ildikó Lihät, **Zsolt Szekely-Varga**, Anna-Mária Csergő, Géza Balla, Endre Kentelky (2023). Propagation of transylvanian endemic and endangered plant species, *Current Trends in Natural Sciences*. 12(24), 97–105. <https://doi.org/10.47068/ctns.2023.v12i24.010>.
9. Endre Kentelky, **Zsolt Szekely-Varga**, Géza Balla (2023). Propagation of Rose Varieties by Cuttings Under Effect of Different Rooting Hormones. *Acta Universitatis Sapientiae, Agriculture and Environment*. *Acta Universitatis Sapientiae, Agriculture and Environment* 15, 98–109. <https://doi.org/10.2478/ausae-2023-0009>.
10. Géza Balla, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Csaba Moldován, Csongor Kendi, Endre Kentelky (2023). Evaluation of the ‘Leányka’ (‘Fetească Albă’) white wine grape variety’s qualitative and quantitative parameters in the context of different bud loads. *Acta Universitatis Sapientiae, Agriculture and Environment* 15, 132–138. <https://doi.org/10.2478/ausae-2023-0012>.
11. Ildikó Lihät, Endre Ványolos, Anna Imola Henning, Noémi Melitta Hegedüs, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Injuries in the landscape: The Suseni quarry – A case study from Transylvania, Romania. *Acta Universitatis Sapientiae, Agriculture and Environment* 15, 139–151. <https://doi.org/10.2478/ausae-2023-0013>.
12. Géza Balla, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Csaba Moldován, Endre Kentelky (2022). Comparative examination between traditional and worldwide-

- known red wine grapes and vines based on their qualitative and quantitative characteristics. *Acta Universitatis Sapientiae, Agriculture and Environment* 14, 85–94. <https://doi.org/10.2478/ausae-2022-0006>.
13. Géza Balla, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Endre Kentelky (2022). Examination of the most important red wine grape varieties of the Miniş (Ménés) wine region based on their quantitative and qualitative parameters. *Acta Universitatis Sapientiae, Agriculture and Environment* 14, 85–94. <https://doi.org/10.2478/ausae-2022-0007>.
 14. **Zsolt Szekely-Varga**, Endre Kentelky (2022). Could affect the rooting of two *Taxus baccata* varieties stem cutting length and propagation period?. *Current Trends in Natural Sciences* 11(21), 448–454. <https://doi.org/10.47068/ctns.2022.v11i21.049>.
 15. Endre Kentelky, **Zsolt Szekely-Varga** (2022). Effect of the cutting length and propagation period on three *Thuja occidentalis* varieties. *Current Trends in Natural Sciences* 11(21), 440–447. <https://doi.org/10.47068/ctns.2022.v11i21.048>.
 16. **Zsolt Szekely-Varga**, Endre Kentelky, Maria Cantor (2021). Effect of gibberellic acid on the seed germination of *Lavandula angustifolia* Mill. *Romanian Journal of Horticulture* 2, 169–176. <https://10.51258/RJH.2021.22>.
 17. Maria Cantor, Timea Buru, **Zsolt Szekely-Varga**, Erzsebet Buta (2021). The influence of some rooting biostimulators on chrysanthemum cultivars via stem cuttings. *Romanian Journal of Horticulture* 2, 177–184. <https://10.51258/RJH.2021.23>.
 18. **Zsolt Szekely-Varga**, Monica Boscaiu, Endre Kentelky, Maria Cantor (2021). Does mulch affect lavender growth? *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture* 78(1), 102–106. <http://dx.doi.org/10.15835/buasvmcn-hort:2020.0057>.
 19. Timea Hitter, **Zsolt Szekely-Varga**, Istvan Lorand Csiki, Erzsebet Buta, Maria Cantor (2020). Evaluation of some *Rosa* cultivars under Transylvania climatic conditions. *Current Trends in Natural Sciences* 9(17), 153–159. <https://doi.org/10.47068/ctns.2020.v9i17.018>.
 20. Paula Boboc, Corina Catana, Tincuta Gocan, Gelu Moldovan, **Zsolt Szekely-Varga**, Maria Cantor (2020). Influence of culture substrates and biostimulators on *Passiflora* rooting. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture* 77(1), 12–18. <http://dx.doi.org/10.15835/buasvmcn-hort:2019.0013>.
 21. Maria Cantor, Timea Hitter, **Zsolt Szekely-Varga**, Erzsebet Buta (2020). Studies regarding a varietal assortment of potted *Chrysanthemum*. *Romanian Journal of Horticulture* 1, 159–166. <https://10.51258/RJH.2020.21>.
 22. **Zsolt Szekely-Varga**, Monica Tereza Boscaiu Neagu, Maria Cantor (2020). Research concerning the use of different mulching methods on lavender. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture* 77(1), 154–158. <http://dx.doi.org/10.15835/buasvmcn-hort:2019.0011>.
 23. **Zsolt Szekely-Varga**, Timea Hitter (Buru), Alex-Peter Cotoz, Roxana Alexandra Sabo, Maria Cantor (2019). The behaviour of some hyacinths varieties in forced culture. *Acta Universitatis Sapientiae Agriculture and Environment* 11, 117–129. <https://10.2478/ausae-2019-0011>.

24. **Zsolt Szekely-Varga**, Timea Hitter (Buru), Alex-Peter Cotoz, Erzsebet Buta, Maria Cantor (2019). From tradition to landscape architecture–planting design concept using perennials and bulbs. *Acta Universitatis Sapientiae Agriculture and Environment* 11, 95–108. <https://10.2478/ausae-2019-0009>.
25. **Zsolt Szekely-Varga**, Maria Cantor (2019). Lavender an admired shrub by landscapers. *ProEnvironment* 12, 328–332. <http://journals.usamvcluj.ro/index.php/promediu/article/viewFile/13596/11192>.
26. Tincuța-Marta Gocan, Ileana Andreica, **Zsolt Szekely-Varga**, Melinda Rózsa, Sándor Rózsa (2018). Establishing the connection between the main components of lavender essential oil and production. *Current Trends in Natural Sciences* 7(13), 66–69. <https://natsci.upit.ro/media/1644/paper-10.pdf>.
27. Moldovan Ioana, **Zsolt Szekely-Varga**, Maria Cantor (2017). Dahlia an unforgettable flower—a new perspective for therapeutic medicine. *Hop and Medicinal Plants* 25(1–2), 56–68. <https://journals.usamvcluj.ro/index.php/hamei/article/view/12879>.
28. **Zsolt Szekely-Varga**, Timea Hitter, Maria Cantor (2017). The healing power and the uses in landscape design of lavender (*Lavandula angustifolia* L.). *Hop and Medicinal Plants* 25(1–2), 47–55. <https://journals.usamvcluj.ro/index.php/hamei/article/view/12878>.

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).

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

C6. Lucrări științifice publicate în volumele manifestărilor științifice (abstracte)

1. Géza Balla, **Zsolt Szekely-Varga**, Attila Bandi, Csaba Moldovan, Endre Kentelky (2025). Investigating the impact of cluster load on the characteristics of two white wine grape varieties ('Királyleányka'/'Fetească regală' and 'Kerner'). *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
2. Endre Kentelky, **Zsolt Szekely-Varga**, Csanád Tas Szabó, Andrea Tillyné-Mándy (2025). *Dendrobium antennatum* lindl. Micropropagated under the influence of various concentrations of Ferbanat L[®]. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
3. Endre Kentelky, **Zsolt Szekely-Varga** (2025). The effect of cultivation media and fertilization on the development and flower yield of the *Begonia semperflorens* 'Ambassador rose' variety. *8th Conference on Horticulture and Landscape Architecture in Transylvania*, Sapientia Târgu-Mureș.
4. **Zsolt Szekely-Varga**, Ildikó Lihăt, Attila Bandi, Géza Balla, Endre Kentelky (2024). Influence of cold treatments on flower quality of bulbous ornamentals. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
5. Géza Balla, **Zsolt Szekely-Varga**, Endre Kentelky (2024). Effect phytotechnological factors on two red wine grape varieties. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.

6. **Zsolt Szekely-Varga**, Reimond Simpf, Endre Kentelky, Klára Benedek, Katalin Molnár, Béla Biró-Janka, Adalbert Balog (2023). Comparing different grass species, varieties and grass mixtures in the environmental conditions of Târgu Mureş. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV Bucureşti.
7. Endre Kentelky, Erzsébet Domokos, **Zsolt Szekely-Varga**, Monica Boscaiu (2023). Influence of rooting media and hormones on *Mandevilla* vegetative propagation. *International Conference "Agriculture for Life, Life for Agriculture"*. USAMV Bucureşti.
8. Endre Kentelky, Gergely Loránd Szabó, Ildikó Lihát, Noémi Melitta Hegedüs, Anna Imola Henning, Endre Ványolós, **Zsolt Szekely-Varga** (2023). Ecological educational trail, as linkage between natural areas and historical heritage, presented by the case study of pănet village. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV Bucureşti.
9. Endre Kentelky, Gabriella Kiss, Ildikó Lihát, Róbert Marius Tăslăvan, Martin Jakab, **Zsolt Szekely-Varga** (2023). Green rehabilitation concept for a post socialist marketplace (promoting the local farmers and supporting the green infrastructure of the city of Târgu Mureş). *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV Bucureşti.
10. Géza Balla, Tekla Amália Lunka, József Joó, Csaba Moldován, **Zsolt Szekely-Varga**, Artúr-Botond Csorba, Endre Kentelky (2023). Fermentation temperature and duration effect on the quality and anthocyanin content of Cabernet sauvignon wine produced in the Miniş (Ménés) wine region. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV Bucureşti.
11. Géza Balla, Tekla Amália Lunka, József Joó, Csaba Moldován, **Zsolt Szekely-Varga**, Barna Putnoky-Csicsó, Endre Kentelky (2023). Fermentation temperature and duration effect on the quality and anthocyanin content of Kadarka wine produced in the Miniş (Ménés) wine region. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV Bucureşti.
12. Réka Both, Ildikó Lihát, **Zsolt Szekely-Varga**, Géza Balla, Endre Ványolós, Endre Kentelky (2023). Landscape architecture renovation concept of homorodlok – the sound of nature as value of the landscape. *Current Trends In Natural Sciences – International Symposium*, Piteşti.
13. Géza Balla, Csaba Moldován, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Examination of the qualitative and quantitative parameters of the white wine grape variety Királyleányka (Fetească regală) in the case of different bud loads. *Current Trends In Natural Sciences – International Symposium*, Piteşti.
14. Géza Balla, Csaba Moldován, Tekla Amália Lunka, **Zsolt Szekely-Varga**, Endre Kentelky (2023). Effect of different phytotechnological factors on the qualitative and quantitative parameters of the Italian riesling grape variety. *Current Trends In Natural Sciences – International Symposium*, Piteşti.
15. Ildikó Lihát, **Zsolt Szekely-Varga**, Anna-Mária Csergő, Géza Balla, Endre Kentelky (2023). Propagation of transylvanian endemic and endangered plant species. *Current Trends In Natural Sciences – International Symposium*, Piteşti.
16. Endre Kentelky, **Zsolt Szekely-Varga**, Géza Balla (2023). Propagation of rose varieties by cuttings under effect of different rooting hormones, *7th Conference on Horticulture and Landscape Architecture in Transylvania*, Sapientia Târgu-Mureş.

17. **Zsolt Szekely-Varga**, Artúr-Botond Csorba, Katalin Molnár, Martin Iakab, Béla Biró-Janka, Endre Kentelky (2022). Could cactuses endure winter in romanian climatic conditions?. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
18. Endre Kentelky, Zalán Lukács, Tekla Amália Lunka, Klára Benedek, Erzsébet Domokos, Barna Putnoky-Csicsó, **Zsolt Szekely-Varga** (2022). Mycorrhization of *Corylus avellana* L. and *Quercus robur* L. seedlings with *Tuber aestivum* Vittad. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
19. **Zsolt Szekely-Varga**, Endre Kentelky (2022). Could affect the rooting of two *Taxus baccata* varieties stem cutting length and propagation period?. *Current Trends In Natural Sciences – International Symposium*, Pitești.
20. Endre Kentelky, **Zsolt Szekely-Varga** (2022). Effect of the cutting length and propagation period on three *Thuja occidentalis* varieties. *Current Trends In Natural Sciences – International Symposium*, Pitești.
21. Timea Buru, Erzsebet Buta, Maria Cantor, Ioana Crișan, **Zsolt Szekely-Varga**, Valentin Dan (2021). Seed germination rate of different turfgrass mixtures under controlled conditions. *International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București.
22. Timea Hitter (Buru), **Zsolt Szekely-Varga**, Istvan Lorand Csiki, Erzsebet Buta, Maria Cantor (2020). Evaluation of some *Rosa* cultivars under Transylvania climatic conditions. *Current Trends In Natural Sciences – International Symposium*, Pitești.
23. **Zsolt Szekely-Varga**, Monica Boscaiu, Endre Kentelky, Maria Cantor (2020). Does mulch affect lavender growth? *19th International Conference "Life Sciences for Sustainable Development"*, USAMV Cluj-Napoca.
24. **Zsolt Szekely-Varga**, Timea Hitter (Buru), Alex-Peter Cotoz, Maria Cantor (2019). The behaviour of some *Hyacinthus* varieties in forced culture. *Vth Horticulture and Landscape Planning Conference from Transylvania*, Sapientia Târgu Mureș.
25. **Zsolt Szekely-Varga**, Timea Hitter (Buru), Alex-Peter Cotoz, Erzsébet Buta, Maria Cantor (2019). From tradition to landscape architecture–planting design concept using perennials and bulbs. *Vth Horticulture and Landscape Planning Conference from Transylvania*, Sapientia Târgu Mureș.
26. **Zsolt Szekely-Varga**, Monica Tereza Boscaiu Neagu, Maria Cantor (2019). Research concerning the use of some mulching methods for lavender, *18th International Symposium "Prospects for the 3rd Millennium Agriculture"*, USAMV Cluj-Napoca.
27. Paula Boboc (Oros), Corina Cătană, Tincuța Gocan, Gelu Moldovan, **Zsolt Szekely-Varga**, Maria Cantor (2019). Influence of culture substrates and biostimulators on *Passiflora* rooting. *18th International Symposium "Prospects for the 3rd Millennium Agriculture"*, USAMV Cluj-Napoca.
28. Mihaiela Cornea-Cipcigan, Cristian Radu Sisea, Rodica Pop, Doru Pamfil, **Zsolt Szekely-Varga**, Rodica Margaoan (2019). Effects of gibberellic acid and photoperiod on seed germination of cyclamen species. *18th International Symposium "Prospects for the 3rd Millennium Agriculture"*, USAMV Cluj-Napoca.
29. **Zsolt Szekely-Varga**, Maria Cantor (2018). Influence of gibberillic acid on seed germination in lavender. *17th International Symposium "Prospects for the 3rd Millennium Agriculture"*, USAMV Cluj-Napoca.

Manifestări științifice naționale (abstracte, prezentări)

1. **Székely-Varga Zsolt**, Kentelky Endre, Boscaiu Monica, Cantor Maria (2022). Hatékony mulcsozási módszerek levendula- (*Lavandula angustifolia* Mill.) ültetvényben (Metode eficiente de mulcire într-o plantație de lavandă (*Lavandula angustifolia* Mill.)), *MTNE 2022–XVIII. Agrártudományi Konferencia, Agrártudomány az éltető jövőnk alapja, Sepsiszentgyörgy*, 2022.11.25. <https://www.eme.ro/ro/esemeny/-/tartalom/mtne-2022--xviii-agrartudomanyi-konferencia-agrartudomany-az-elheto-jovonk-alapja-399726>.
2. Kentelky Endre, **Székely-Varga Zsolt**, Lihát Ildikó, Lunka Tekla (2022). Tegyük a növényekkel szembeni emberi vakságról (Plant blindness)!. *MTNE 2022–XVIII. Agrártudományi Konferencia, Agrártudomány az éltető jövőnk alapja, Sepsiszentgyörgy*, 2022.11.25. <https://www.eme.ro/ro/esemeny/-/tartalom/mtne-2022--xviii-agrartudomanyi-konferencia-agrartudomany-az-elheto-jovonk-alapja-399726>.

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

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

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

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

J. Citări

Citări totale: 182

<https://scholar.google.com/citations?user=C9-l0nMAAAAJ&hl=en&oi=ao>

K. Alte realizări semnificative.

Data, 13 octombrie 2025

Szekely-Varga Zsolt