

Publications

NAME: Székely-Varga Zsolt

A. Ph.D thesis

Title: Research on the influence of technological factors and abiotic stress on some varieties of lavender (*Lavandula angustifolia* Mill.)

Scientific coordinators: Prof. Univ. Dr. Maria Cantor, UASVM Cluj-Napoca;
Prof. Univ. Dr. Monica Boscaiu, UPV Valencia

B. Books

B2. Books

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.

C. Scientific papers

C1. Peer reviewed ISI papers

1. 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).
2. 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).
3. 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).
4. Timea Buru, Erzsebet 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>.
5. **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).
6. **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).

7. 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. Peer-reviewed papers indexed in international databases

1. **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>.
2. 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>.
3. **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>.
4. 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>.
5. 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>.
6. 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>.
7. **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>.
8. **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>.
9. **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>.
10. **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>.

11. 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>.
12. 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>.
13. **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>.

C6. Peer-reviewed international conferences

1. 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.
2. 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.
3. **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.
4. **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.
5. **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. *Vth Horticulture and Landscape Planning Conference from Transylvania*, Sapientia Târgu Mureș.
6. **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.
7. 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.
8. Mihaela 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.
9. **Zsolt Szekely-Varga**, Maria Cantor (2018). Influence of gibberellic acid on seed germination in lavender. *17th International Symposium “Prospects for the 3rd Millennium Agriculture”*, USAMV Cluj-Napoca.

II. RECOGNITION

I. Awards, distinctions.

- 2021 – Awarding research results – Articles, Competiția 2021 – PN-III-P1-1.1-PRECISI-2021-65044, UEFISCDI.
- 2020 – Awarding research results – Articles, Competiția 2020 – PN-III-P1-1.1-PRECISI 2020-47611, UEFISCDI.
- 2020 – International scholarship – Hungarian Ministry of Human Resources and Eötvös Loránd University, „Szülőföldi felsőoktatási PhD/DLA tanulmányok támogatása ösztöndíj a 2019/2020-as tanévben”.

J. Citations

Total citations: 23

Date, 20th February 2022

Signature,

Székel-Varga Zsolt

