

## Publication list - Moisa Cristian

### ISI Articles

1. **Moisă Cristian**, Lucian Copolovici, Simona Bungău, Georgeta Pop, Ilinca Imbrea, Andreea Lupitu, Sebastian Nemeth, Dana Copolovici, Wastes resulting from aromatic plants distillation – bio-sources of antioxidants and phenolic compounds with biological active principles, *Revista Farmacia*, 2018, vol. 66, nr. 2, ISSN: 0014-8237, **I.F. = 1.507**.
2. Dochia Mihaela, Pustianu Monica, **Moisă Cristian**, Chambre Dorina, Gavrilăș Simona, Sodium citrate as an eco-friendly complexing agent for the bioscouring treatment of the cellulosic/lignocellulosic fabrics. **Chemical Papers**, 2018, **I.F. = 1.246**.
3. Dochia Mihaela, Chambre Dorina, Gavrilăș Simona, **Moisă Cristian**, Characterization of the complexing agents' influence on bioscouring cotton fabrics by FT-IR and TG/DTG/DTA analysis. **Journal of Thermal Analysis and Calorimetry**, 2018, **I.F. = 2.471**.
4. **Moisa Cristian**, A. Lupitu, G. Pop, D. R. Chambre, L. Copolovici, G. Cioca, S. Bungau and D. M. Copolovici (2019). "Variation of the Chemical Composition of *Thymus Vulgaris* Essential Oils by Phenological Stages." **Revista De Chimie** 70(2): 633-637, **I.F. = 1.605**.
5. Cristina-Ramona Metzner Ungureanu, Andreea Ioana Lupitu, **Cristian Moisa**, Adrian Rivis, Lucian Octav Copolovici, Mariana-Atena Poiana, Investigation on high-value bioactive compounds and antioxidant properties of blackberries and their fractions obtained by home-scale juice processing, *Sustainability*, Vol. 12(14), 2020, pp 1-20, **I.F. = 2,798**.
6. Dorina Rodica Chambre, **Cristian Moisa**, Andreea Lupitu, Lucian Copolovici, Georgeta Pop, Dana-Maria Copolovici, Chemical composition, antioxidant capacity, and thermal behavior of *Satureja hortensis* essential oil, *Scientific Reports* volume 10, Article number 21322, 2020, **I.F.= 3,998**.
7. Csakvari, A.C.; **Moisa, C.**; Radu, D.G.; Olariu, L.M.; Lupitu, A.I.; Panda, A.O.; Pop, G.; Chambre, D.; Socoliuc, V.; Copolovici, L.; Copolovici, D.M. Green Synthesis, Characterization, and Antibacterial Properties of Silver Nanoparticles Obtained by Using Diverse Varieties of *Cannabis sativa* Leaf Extracts., *Molecules*, 2021, 26, 4041, **I.F.=4,411**.
8. Beicu Rodica, Alexa Ersilia, Obiștioiu Diana, Cocan Ileana, Imbrea Florin, Pop Georgeta, Cercioban Denisa, **Moisa Cristian**, Lupitu Andreea, Copolovici Lucian, Copolovici Dana Maria, Imbrea Ilinca Merima, Antimicrobial Potential and Phytochemical Profile of Wild and Cultivated Populations of Thyme (*Thymus* sp.) Growing in Western Romania, *Plants*, 2021, 10(9), 1833, **I.F.=3.935**.
9. Lucian Copolovici, Andreea Lupitu, **Cristian Moisa**, Monica Taschina, Dana M Copolovici, The Effect of Antagonist Abiotic Stress on Bioactive Compounds from Basil (*Ocimum basilicum*), *Appl. Sci.* 2021, 11(19), 9282, **I.F.= 2.679**.
10. Cristina Laura Popa, Andreea Lupitu, Maria Daniela Mot, Lucian Copolovici, **Cristian Moisa**, Dana Maria Copolovici, Chemical and Biochemical Characterization of Essential Oils and Their Corresponding Hydrolats from Six Species of the *Lamiaceae* Family, *Plants* 2021, 10(11), 2489, **I.F.=4.658**.

11. Maria-Daniela Mot, Simona Gavrilaş, Andreea Lupitu, **Cristian Moisa**, Dorina Chambre, Delia-Mirela Tit, Mihaela Alexandra Bogdan, Adina Maria Bodescu, Lucian Copolovici, Dana Copolovici, Simona Bungau "Salvia officinalis L. Essential Oil: Characterization, Antioxidant Properties, and the Effects of Aromatherapy in Adult Patients." *Antioxidants* 11(5): 808, 2022, **I.F. 6.313**.
12. Andreea Lupitu, **Cristian Moisa**, Simona Gavrilaş, Mihaela Dochia, Dorina Chambre, Virgiliu Ciutină, Dana Copolovici, Lucian Copolovici "The Influence of Elevated CO<sub>2</sub> on Volatile Emissions, Photosynthetic Characteristics, and Pigment Content in Brassicaceae Plants Species and Varieties." *Plants* 11(7): 973, 2022, **I.F. 4.658**.
13. Copolovici Lucian, Dana Maria Copolovici, **Cristian Moisa**, Andreea Lupitu, Antagonist Temperature Variation Affects the Photosynthetic Parameters and Secondary Metabolites of *Ocimum basilicum* L. and *Salvia officinalis* L., *Plants-Basel* 11(14): 14, 2022, **I.F. 4.658**.
14. Taschina Monica, **Cristian Moisa**, Andreea Lupitu, Dana Copolovici, Lucian Copolovici, Influence of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) on Photosynthetic Parameters and Secondary Metabolites of Plants from *Fabaceae* Family, *Applied Sciences-Basel* 12(13): 14, 2022, **I.F. 2.838**.
15. Andreea Lupitu, **Cristian Moisa**, Flavia Bortes, Denisa Peteleu, Mihaela Dochia, Dorina Chambre, Virgiliu Ciutină, Dana Maria Copolovici and Lucian Copolovici, The Impact of Increased CO<sub>2</sub> and Drought Stress on the Secondary Metabolites of Cauliflower (*Brassica oleracea* var. *botrytis*) and Cabbage (*Brassica oleracea* var. *capitata*), *Plants*, **2023**, 12, 1806, 3098, **I.F. = 4.5**.
16. Andreea Tepeneu, Andreea Lupitu, Teodora Surdea-Blaga, **Cristian Moisa**, Dorina Chambre, Dana Copolovici and Lucian Copolovici, Variability of air pollutants in the indoor air of a general store, *Applied Sciences*, **2023**, 13(23), 12572, **I.F. = 2.7**.
17. Ana Maria Tolos (Vasii), **Cristian Moisa**, Mihaela Dochia, Carmen, Popa, Lucian Copolovici, Dana Maria Copolovici, Anticancer potential of antimicrobial peptides: Focus on buforins, *Polymers*, **2024**, 16(6), 728; <https://doi.org/10.3390/polym16060728>, **I.F. = 5.0**.
18. Andreea Tepeneu, Andreea Lupitu, Teodora Surdea-Blaga, **Cristian Moisa**, Dorina Chambre, Dana Copolovici and Lucian Copolovici, The Variability of Indoor Air Pollutants in The Office and Their Impact on the Workers' Health, *Polish Journal of Environmental Studies*, **2024**, in press, **I.F. = 1.8**.

## ISI Proceedings Articles

## IDB Articles

1. Lucian Copolovici, Marinela Bredea, Andreea Lupitu, Flavia Bortes, **Cristian Moisa**, Dana Copolovici, Analyzing the variations in pollution levels found in medical facilities, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*, **2023**, 20, 34-38.
2. Lucian Copolovici, Flavia Bortes, Brenda Svinti, Andreea Lupitu, **Cristian Moisa**, Dana Copolovici, The influence of expired medicines on plant photosynthesis parameters and chlorophyll pigments, *Scientific and Technical*

- Bulletin, Series: Chemistry, Food Science and Engineering*, **2023**, 20, 18-24.
3. Silvia Elena Lavinia Mot, Paul Andrei Salajan, **Cristian Moisa**, Lucian Copolovici, Dana Maria Copolovici, "Chemical And Antioxidant Capacity Evaluation Of Centaurea Jacea Extracts From Plants Harvested In Arad County, Romania." *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering* 19 (**2022**): 53-62.
  4. Alina Ciurel, Andreea Lupitu, Lucian Copolovici, **Cristian Moisa**, Dana Copolovici, Green Synthesis and Characterization of Silver Nanoparticles Obtained from *Thymus vulgaris* L. Hydrolat, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*, Vol. 18, pp 28-33, **2021**.
  5. Maria-Daniela Mot, Nicoleta Mihoc, Andreea Ioana Lupitu, **Cristian Moisa**, Adina Maria Bodescu, Lucian Copolovici, Dana Maria Copolovici, Chemical characterization of some commercially available tea tree oils, *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*. **2021**;18:21-7.
  6. Ungureanu Cristina-Ramona Metzner, Lupitu Andreea Ioana, **Moisa Cristian**, Moigradean Diana, Poiana Mariana-Atena, Studies concerning the impact of the origin region on antioxidant properties of blackberries and blueberries, *Journal of Agroalimentary Processes and Technologies*, 26(4), 313-318, **2020**.
  7. **Cristian Moisa**, Dana Copolovici, Andreea Lupitu, Loredana Lazar, Lucian Copolovici, Drought stress influence on pea plants (*Pisum sativum* l.), *Scientific and Technical Bulletin, Series: Chemistry, Food Science and Engineering*, Vol. 16, pp 20-24, **2019**.
  8. **Cristian Moisa**, Lucian Copolovici, Georgeta Pop, Ilinca Imbrea, Andreea I. Lupitu, Dana Copolovici, Effect of light intensity on the photosynthetic parameters for plants from the *Lamiaceae* family, *Research Journal of Agricultural Science*, Vol 51, No 1, pp 154-159, (**2019**).
  9. Cristina-Ramona Metzner, Andreea I. Lupitu, **Cristian Moisa**, Dana Maria Copolovici, Lucian Copolovici, Georgeta Pop, Mariana Atena Poiana, Assesing the bioactive compounds and antioxidant activity of blueberry and their processing byproducts, *Conference Proceedings of „The 2<sup>nd</sup> International Conference of Life Sciences”*, **2019**, Timisoara.
  10. Lupitu Andreea, **Moisa Cristian**, Daniel Tomescu, Claudia Anca Mot, Dana Maria Copolovici, Lucian Copolovici, Variation in phenolic content and antioxidant activity of different plant parts of *Primula veris*, *Scientific Papers. Series F., Biotechnology*, **2018**, 22, 50-53.
  11. **Cristian Moisa**, Lucian Copolovici, Georgeta Pop, Zina Moisa, Andreea Lupitu, Dana-Maria Copolovici, Chemical polymorphism of *Satureja hortensis* L. essential oils during different phenological stages and vegetation cycles, *Scien. Tech. Bull-Chem. Food Sci. Eng.*, Vol. 15(XVI), **2018**, 23-26.
  12. Pustianu Monica, Dochia Mihaela, Gavrilas Simona, **Moisa Cristian**, Biotreatment optimization for a cellulosic/lignocellulosic blended fabric, *Annals of the university of Oradea, Fascicle of textiles, leatherwork*, volume xix, **2018**, no. 1, ISSN 1843 – 813x, p. 83-88.
  13. Dochia Mihaela, Gavrilas Simona, Pustianu Monica, **Moisa Cristian**, Chambre Dorina, Waste water analysis from a new green pretreatment of cotton fabrics, *Annals of the university of Oradea, Fascicle of textiles, leatherwork*, volume xix, **2018**, no. 2, ISSN 1843 – 813x, p. 37-42.

14. Lupitu I. Andreea, **Moisa Cristian**, Tomescu Daniel, Pop Georgeta, Riviş Adrian, Copolovici Dana, Copolovici Lucian, Phenolic compounds and vitamins composition in medicinal plants with potential anti-bloating properties. Conference Proceedings of „The 1<sup>st</sup> International Conference on Life Sciences” , pp 602 – 609, **2018**, Timișoara.
15. **Moisa Cristian**, Copolovici Lucian, Pop Georgeta, Lupitu Andreea, Ciutina Virgiliu, Copolovici Dana, Essential Oil Composition, Total Phenolic Content, and Antioxidant Activity - Determined from Leaves, Flowers and Stems of *Origanum vulgare* L. var. *aureum*. Sciendo vol. 1(1): pp. 555 – 561, **2018**.
16. **Moisa Cristian**, Copolovici Lucian, Pop Georgeta, Moisa Zina, Lupitu Andreea, Copolovici Dana - Chemical polymorphism of *Satureja hortensis* l. Essential oils during different phenological stages and vegetation cycles. Scien. Tech. Bull-Chem. Food Sci. Eng., Vol. 15(XVI), 23-26, 2018
17. Cristian Moisa, **Lucian Copolovici**, Georgeta Pop, Dana Copolovici, Dry and fresh herba of *Satureja Montana* L.: a comparative study regarding chemical composition and antioxidant capacity of volatile oils, *Scientific Papers. Series F., Biotechnology*, **2017**, 21, 349-352.

## Unindexed Articles

### National and international conferences

1. **Cristian Moisa**, Andreea Lupitu, Lucian Copolovici, Dana-Maria Copolovici, Cell-penetrating peptides: microwave-assisted spps synthesis and characterization, *The 23<sup>rd</sup> International Conference "Life Sciences for Sustainable Development"*, 26<sup>th</sup>– 28<sup>th</sup> September **2024**, Cluj-Napoca, Romania.
2. Andreea Gostăviceanu, **Cristian Moisă**, Andreea Lupitu, Lucian Copolovici, Dana-Maria Copolovici, Buforin derivatives: synthesis and antimicrobial prospects, *The 23<sup>rd</sup> International Conference "Life Sciences for Sustainable Development"*, 26<sup>th</sup>– 28<sup>th</sup> September **2024**, Cluj-Napoca, Romania.
3. Flavia Bortes, Lucian Copolovici, **Cristian Moisa**, Andreea Lupitu, Dana Copolovici -Photosynthetic efficiency and metabolic changes in Brassicaceae plants under combined drought and ozone stress, *The 23<sup>rd</sup> International Conference "Life Sciences for Sustainable Development"*, 26<sup>th</sup>– 28<sup>th</sup> September **2024**, Cluj-Napoca, Romania.
4. Andreea Lupitu, Lucian Copolovici, Flavia Bortes, Maria Cojocaru-Toma, Angelica Ohindovschi, Mihaela Nartea, **Cristian Moisa**, Dana Copolovici - The effect of different types of stresses on plant's volatile organic compound emissions, *The 23<sup>rd</sup> International Conference "Life Sciences for Sustainable Development"*, 26<sup>th</sup>– 28<sup>th</sup> September **2024**, Cluj-Napoca, Romania.
5. Lucian Copolovici, Andreea Lupitu, Flavia Bortes, Maria Cojocaru-Toma, Angelica Ohindovschi, Mihaela Nartea, **Cristian Moisa**, Dana Copolovici, The effect of different stressors on plant's physiologic parameters and secondary metabolites, *The 23<sup>rd</sup> International Conference "Life Sciences*

- for Sustainable Development", 26<sup>th</sup>– 28<sup>th</sup> September **2024**, Cluj-Napoca, Romania.
6. Andreea Gostăviceanu, **Cristian Moisa**, Andreea Lupitu, Lucian Copolovici, Dana-Maria Copolovici, Synthesis and characterization of Buforin derivatives, *The Annual International Conference of RSBMB*, 25th-27th September **2024**, Bucharest, Romania.
  7. Dana-Maria Copolovici, Andreea Gostăviceanu, **Cristian Moisa**, Andreea Ioana Lupitu, Oana Gavriiliuc, Florina Bojin, Alina Zamfir, Lucian Copolovici, Antimicrobial efficacy of novel cell-penetrating peptides, *The Annual International Conference of RSBMB*, 25th-27th September **2024**, Bucharest, Romania.
  8. Dana Maria Copolovici, **Cristian Moisa**, Andreea Lupitu, Florina Bojin, Oana Gavriiliuc, Mihaela Dochia, Dorina Chambre, Lucian Copolovici, Buforin-derived synthetic peptides with potential applications in medicine, *37th European Peptide Symposium and 14th International Peptide Symposium*, 25th-29th August **2024**, Florence, Italy.
  9. Lucian Copolovici, **Cristian Moisa**, Andreea Lupitu, Dorina Chambre, Dana Maria Copolovici, Exploring antimicrobial peptides: a new frontier in cancer treatment innovation, *37th European Peptide Symposium and 14th International Peptide Symposium*, 25th-29th August **2024**, Florence, Italy.
  10. Lucian Copolovici, Andreea Lupitu, Flavia Bortes, **Cristian Moisa**, Dana Copolovici, The role of different stressors in altering plant physiology and secondary metabolites, *The 16th Edition of the Conference "New Trends in Chemistry Research"*, 18-20 September **2024**, Timisoara, Romania.
  11. Dana Maria Copolovici, **Cristian Moisa**, Andreea Lupitu, Andreea Gostăviceanu, Dorina Chambre, Claudia Mureșan, Alina Zamfir, Lucian Copolovici, Cell-penetrating peptides as antimicrobials, *The 16th Edition of the Conference "New Trends in Chemistry Research"*, 18-20 September **2024**, Timisoara, Romania.
  12. Flavia Bortes, Andreea Lupitu, **Cristian Moisa**, Dana Copolovici, Lucian Copolovici, Impact of combined drought and ozone stress on photosynthetic activity in Brassicaceae plants, *Environment & Progress*, 13 – 15 Iunie **2024**, Cluj-Napoca, România.
  13. Flavia Bortes, Andreea Lupitu, **Cristian Moisa**, Denisa Peteleu, Dana Copolovici, Lucian Copolovici, The Influence of Elevated Carbon Dioxide on the Growth of *Raphanus Sativus* Plants under High-Temperature Conditions, *V. International Conference on Global Practice of Multidisciplinary Scientific Studies*, Baku, Azerbaijan, 10th-12th December **2023**.
  14. Andreea Lupitu, Lucian Copolovici, **Cristian Moisa**, Flavia Bortes, Virgiliu Ciutina, Dana Copolovici, The Influence of Elevated Carbon Dioxide Levels in Combination with the Presence of *Eurydema Ventralis* on *Brassica Oleracea* var. *Botrytis* Plants, *V. International Conference on Global Practice of Multidisciplinary Scientific Studies*, Baku, Azerbaijan, 10th-12th December **2023**.
  15. Dana Maria Copolovici, **Cristian Moisa**, Andreea Lupitu, Flavia Bortes, Dana Gina Radu, Lucian Copolovici, Antimicrobial Peptides: Synthesis, Characterization and Applications, *V. International Conference on Global Practice of Multidisciplinary Scientific Studies*, Baku, Azerbaijan, 10th-12th December **2023**.
  16. Flavia Bortes, Andreea Lupitu, **Cristian Moisa**, Lucian Copolovici, Dana Maria Copolovici, Antimicrobial Cell-Penetrating Peptides, *6<sup>th</sup> International Conference on Recent Trends in Multi-Disciplinary Research*

- Innovation In Multidisciplinary Research & Practice*, Istanbul, Turkey, 10th-11th November **2023**.
17. Andreea Lupitu, Flavia Bortes, **Cristian Moisa**, Lucian Copolovici, Dana Maria Copolovici, Cell-Penetrating Peptides of Natural and Synthetic Origin, *6<sup>th</sup> International Conference on Recent Trends in Multi-Disciplinary Research Innovation In Multidisciplinary Research & Practice*, Istanbul, Turkey, 10th-11th November **2023**.
  18. Dana Maria Copolovici, **Cristian Moisa**, Dana G. Radu, Andreea I. Lupitu, Simona Gavrilăș, Mihaela Dochia, Lucian Copolovici, Peptides with Antimicrobial Properties, *6<sup>th</sup> International Conference on Recent Trends in Multi-Disciplinary Research Innovation In Multidisciplinary Research & Practice*, Istanbul, Turkey, 10th-11th November **2023**.
  19. Lucian Copolovici, Dana Gina Radu, **Cristian Moisa**, Andreea Ioana Lupitu, Andreea Gostăviceanu, Dorina Chambre, Simona Gavrilăș, Dana Maria Copolovici, Antimicrobial peptides with applications in medicine, *Sorrento 2013 – Sorrento 2023: A Decade of Peptide Materials*, Sorrento, Italy, 26-28th October **2023**.
  20. Dana Maria Copolovici, Dana Gina Radu, **Cristian Moisa**, Andreea Ioana Lupitu, Oana Gavrilăș, Florina Bojin, Lucian Copolovici, New Synthetic Peptides with Potential Applications in Medicine and Biotechnology, *Sorrento 2013 – Sorrento 2023: A Decade of Peptide Materials*, Sorrento, Italy, 26-28th October **2023**.
  21. **Cristian Moisa**, Andreea Lupitu, Flavia Bortes, Lucian Copolovici, Dana Maria Copolovici, Application of Cell-Penetrating Peptides As New Therapeutic Agents, *The 22nd International Conference "Life Sciences for Sustainable Development"*, Cluj-Napoca, Romania, 28th– 30th September, **2023**.
  22. Dana Copolovici, Dana Radu, **Cristian Moisa**, Andreea Lupitu, Andreea Gostăviceanu, Oana Gavrilăș, Florina Bojin, Lucian Copolovici, New Antimicrobial Peptides, *The 22nd International Conference "Life Sciences for Sustainable Development"*, Cluj-Napoca, Romania, 28th– 30th September, **2023**.
  23. Andreea Lupitu, **Cristian Moisa**, Flavia Bortes, Denisa Peteleu, Virgiliu Ciutina, Mihaela Dochia, Dana Copolovici, Lucian Copolovici, High CO<sub>2</sub> and *Eurydema ventralis* impact on *Brassica oleracea* var. *Botrytis* plants, *The 22<sup>th</sup> International Conferences "Life Sciences For Sustainable Development"*, 28th– 30th September, **2023**, Cluj-Napoca, Romania.
  24. Flavia Bortes, Lucian Copolovici, **Cristian Moisa**, Andreea Lupitu, Virgiliu Ciutina, Dana Copolovici, The impact of high temperature on *Raphanus sativus* plants growth at elevated carbon dioxide, *The 22<sup>th</sup> International Conferences "Life Sciences For Sustainable Development"*, 28th– 30th September, **2023**, Cluj-Napoca, Romania
  25. Lucian Copolovici, **Cristian Moisa**, Andreea Lupitu, Flavia Bortes, Denisa Peteleu, Dana Copolovici, The synergic effect of elevated carbon dioxide and biotic stress on plants physiologic parameters and secondary metabolites, *The 22<sup>th</sup> International Conferences "Life Sciences For Sustainable Development"*, 28th– 30th September, **2023**, Cluj-Napoca, Romania
  26. Lucian Copolovici, Andreea Gostăviceanu, Simona Gavrilăș, Dana G. Radu, Mihaela Dochia, **Cristian Moisa**, Andreea Ioana Lupitu, Dana Maria Copolovici, Peptide-Based Therapeutics, *The Annual International Conference of The Romanian Society of Biochemistry and Molecular Biology*, Cluj-Napoca, Romania, 13-15 September **2023**.

27. Dana Maria Copolovici, Andreea Gostăviceanu, Carmen Popa, **Cristian Moisa**, Andreea Ioana Lupitu, Oana Gavriiliuc, Florina Bojin, Lucian Copolovici, New Cell-Penetrating Peptides with Antimicrobial Properties, *The Annual International Conference of The Romanian Society of Biochemistry and Molecular Biology*, Cluj-Napoca, Romania, 13-15 September **2023**.
28. Dana-Maria Copolovici, Andreea Gostăviceanu, Dana Gina Radu, **Cristian Moisa**, Andreea Lupitu, Simona Gavrilaş, Dorina Chambre, Claudia Mureşan, Alina Zamfir, Lucian Copolovici, Antimicrobial Peptides And Their Potential In Biomedical Application, *The 15th Edition of the Conference "New Trends in Chemistry Research"*, Timisoara, Romania, 21-22 September **2023**.
29. Lucian Copolovici, Andreea Lupitu, **Cristian Moisa**, Flavia Bortes, Simona Gavrilas, Dana Copolovici, Modifications in plants polyphenols profile due to biotic stress and climate change, *15<sup>th</sup> Edition of the Conference "New Trends in Chemistry Research"*, September, 21-22, **2023**, Timisoara, Romania.
30. **Cristian Moisa**, Andreea Ioana Lupitu, Lucian Octav Copolovici, Dana Maria Copolovici, Antimicrobial Cell-Penetrating Peptides, *International Conference "Agriculture for Life, Life for Agriculture"*, Bucharest, Romania, 8-10 June **2023**.
31. Dana Copolovici, Dana Gina Radu, **Cristian Moisa**, Andreea Ioana Lupitu, Lucian Copolovici, New Antimicrobial Peptides with Potential Applications in Biotechnology, *International Conference "Agriculture for Life, Life for Agriculture"*, Bucharest, Romania, 8-10 June **2023**.
32. Andreea Lupitu, **Cristian Moisa**, Dana Maria Copolovici, Lucian Copolovici, The impact of *Eurydema ventralis* on cauliflower (*Brassica oleracea* var. *botrytis*) grown at different CO<sub>2</sub> concentrations, *International Conference on Agriculture for Life, Life for Agriculture*, 8-10 June **2023**, Bucharest.
33. Flavia Bortes, Ioana Margarit, **Cristian Moisa**, Andreea Lupitu, Dana Copolovici, Virgiliu Ciutina, Lucian Copolovici, The synergic effect of high temperature and elevated carbon dioxide on cauliflower plants, *International Conference on Agriculture for Life, Life for Agriculture*, 8-10 June **2023**, Bucharest.
34. Lucian Copolovici, Andreea Lupitu, Flavia Bortes, **Cristian Moisa**, Denisa Peteleu, Dana Copolovici, The impact of the biotic stress on the plants grew at elevated carbon dioxide, *International Conference on Agriculture for Life, Life for Agriculture*, 8-10 June **2023**, Bucharest.
35. **Cristian Moisa**, Andreea Lupitu, Denisa Peteleu, Flavia Bortes, Dana Copolovici, Lucian Copolovici, Climate change and the agriculture of the future, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România
36. Denisa Peteleu, Andreea Lupitu, **Cristian Moisa**, Flavia Bortes, Dana Maria Copolovici, Lucian Copolovici, The influence of flooding on *Brassicaceae* plants grown in elevated carbon dioxide, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România
37. Flavia Bortes, Andreea Lupitu, **Cristian Moisa**, Dana Copolovici, Lucian Copolovici, The high atmospheric carbon dioxide concentration impact on the plant's metabolites, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România
38. Dana Maria Copolovici, **Cristian Moisa**, Andreea Lupitu, Corina Popitanu, Lucian Copolovici, Influence of biotic stress on urban plants metabolites, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România

39. Lucian Copolovici, Andreea Lupitu, Flavia Bortes, **Cristian Moisa**, Denisa Peteleu, Dana Copolovici, The impact of elevated global atmospheric carbon dioxide on sustainable development, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România
40. Andreea Lupitu, **Cristian Moisă**, Adina-Alina Căpățină, Dana Copolovici, Lucian Copolovici, The effects of climate change and rising carbon levels on species in the family *Salicaceae*, *Environment & Progress*, 18 – 19 Mai **2023**, Cluj-Napoca, România
41. Andreea Tepeneu, Lucian Copolovici, **Cristian Moisa**, Andreea Lupitu, Dana Copolovici, Analysing the concentrations of carbon dioxide, formaldehyde, and volatile organic compounds in a general store, *4<sup>th</sup> International Baku Conference on Scientific Research*, November 30 - December 01, **2022**, Baku, Azerbaijan.
42. Simona Gavrilas, Andreea Lupitu, b, Flavia Bortș, Denisa Peteleu, Dana Copolovici, Lucian Copolovici, The Influence of Both Elevated Carbon Dioxide and Drought on Plants Polyphenols, *4<sup>th</sup> International Environmental Chemistry (EnviroChem) Congress*, 30 October-2 November **2022**, Antalya, Turkey.
43. Lucian Copolovici, Andreea Lupitu, **Cristian Moisa**, Flavia Bortes, Denisa Peteleu, Virgiliu Ciutina, Dana Copolovici, The effect of high carbon dioxide on plants drought tolerance, *7<sup>th</sup> Edition of Global Conference on Plant Science and Molecular Biology*, 1-2 September **2022**, Paris, France.
44. Gavrilaş Simona, Lupitu Andreea, **Moisă Cristian**, Bortș Flavia, Peteleu Denisa, Copolovici Dana, Copolovici Lucian, The simultaneous effect of increasing carbon dioxide and decreasing water intake on antioxidants levels in different plants, *"Life sciences today for tomorrow" International Congress*, 20<sup>th</sup>-21<sup>th</sup> October **2022**, Iasi, Romania.
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1. Denisa Peteleu, Flavia Bortes, Cristian Moisa, Dana Maria Copolovici, Lucian Copolovici, Andreea I. Lupitu, Tobacco?! Cigarettes vs Heated Tobacco Products, **Student Scientific Session, Faculty of Food Engineering, Tourism and Environmental Protection**, XIX Edition, 25-26 noiembrie 2021, Arad. (online poster).
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#### Awards

1. **Moisa Cristian**, Copolovici Lucian, Pop Georgeta, Lupitu Andreea, Ciutina Virgiliu, Copolovici Dana Maria, Essential Oil Composition, Total Phenolic Content, and Antioxidant Activity - Determined from Leaves, Flowers and Stems of *Origanum vulgare* L. var. aureum, **International Conference “Agriculture for Life, Life for Agriculture”**, Bucuresti, Romania, 7 – 9 Iunie 2018, (best poster).
2. Lupitu Andreea, **Moisa Cristian**, Tomescu Daniel, Mot Claudia Anca, Copolovici Dana Maria, Copolovici Lucian, Variation in Phenolic Content and Antioxidant Activity of Different Plant Parts of *Primula veris*, **International Conference “Agriculture for Life, Life for Agriculture”**, Bucuresti, Romania, 7 – 9 Iunie 2018, (best poster).
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4. **Moisă Cristian**, Lucian Copolovici, Simona Bungău, Georgeta Pop, Ilinca Imbrea, Andreea Lupitu, Sebastian Nemeth, Dana Copolovici, Wastes resulting from aromatic plants distillation – bio-sources of antioxidants and phenol-ic compounds with biological active principles, Revista Farmacia, 2018, vol. 66, nr. 2, ISSN: 0014-8237 – Premiu de excelenta USAMVBT 2018.

Data:  
07.10.2024

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