

Lista publicatiilor

Prof. Dr. Habil. Lucian Copolovici

a) Articole ISI

1. **Lucian Copolovici**, Ioan Bâldea, Kinetic Determination of Aromatic Amines at Millimolar Level, *Anal. & Bioanal. Chem.*, **2002**, 374, 13-16 (I.F. = 3.286).
2. Simona Bungău, Ioan Bâldea, **Lucian Copolovici**, Determinarea acidului ascorbic din fructe folosind o metodă de tip Landolt (Ascorbic acid determination from fruits using Landolt type methods), (*in Romanian*), *Rev. Chim.*, **2002**, 54(3), 213-216 (I.F. = 1.605).
3. Claudia Muresanu, **Lucian Copolovici**, Kinetic Method for Acetylsalicylic Acid Determination Based on its Inhibitory Effect Upon Catalytic Decomposition of H₂O₂, *Anal. & Bioanal. Chem.*, **2004**, 318, 1868-1872 (I.F. = 3.286).
4. Simona Bungău, **Lucian Copolovici**, Ioan Bâldea, Ildiko Szabo, Determinarea metioninei printr-o metodă de oxidare cu permanganat din produse farmaceutice, (Methionine Determination Using an Oxidation Method from Drugs), (*in Romanian*), *Rev. Chim.*, **2004**, 55(11), 886-888 (I.F. = 1.605).
5. Simona Bungău, **Lucian Copolovici**, Ioan Bâldea, Vasilica Merca, Determinarea piridoxinei din produse farmaceutice utilizând două metode cinetice, (Pyridoxine Determination Using Two Kinetic Methods from Drugs), (*in Romanian*), *Rev. Chim.*, **2004**, 55(12), 945-948 (I.F. = 1.605).
6. **Lucian Copolovici**, Simona Bungău, Felicia Drăgan, Determination of Acetylsalicylic Acid from Drugs Using Kinetic Methods, *Rev. Chim.*, **2005**, 56(4), 374-377 (I.F. = 1.605).
7. Claudia Muresanu, **Lucian Copolovici**, and Florina Pogacean, Kinetic Method for *para*-nitrophenole Determination Based on an Enzyme Catalysed Reaction, *Central European Journal Chemistry*, **2005**, 3(4), 592-604 (I.F. = 1.46).
8. **Lucian Copolovici**, Iolanda Filella, Joan Llusà, Ülo Niinemets, Josep Peñuelas, The capacity for thermal protection of photosynthetic electron transport varies for different monoterpenes in *Quercus ilex*, *Plant Physiology*, **2005**, 139, 485-496 (I.F. = 6.305).
9. **Lucian Copolovici**, Ülo Niinemets, Temperature dependencies of Henry's law constants and octanol/water partition coefficients for key plant volatile monoterpenoids, *Chemosphere*, **2005**, 61, 1390-1400 (I.F. = 5.108).

10. **Lucian Copolovici**, Ülo Niinemets, Effects of low-molecular organic compounds, pH and salt content on partitioning equilibrium of monoterpene at water -air and water- lipid phases interfaces, *Chemosphere*, **2007**, 69, 621-629 (I.F. = 5.108).
11. **Lucian Copolovici**, Cristian Silvestru, Vito Lippolis, Richard A. Varga, Iodidomesityltellurium(II) iodido-trimesitylditellurium(II)(Te-Te), *Acta Crystallogr.*, **2007**, *C63*, o528-o529, (I.F. = 0.930).
12. **Lucian Copolovici**, Richard A. Varga, Vito Lippolis, Cristian Silvestru, Bis(tetraphenyl-imido-diphosphine acid) tri-iodide, *Acta Crystallogr.*, **2007**, *E63*, o4206-o4207 (I.F. = 0.347).
13. **Lucian Copolovici**, Vilma Bojan, Cristian Silvestru, Richard A. Varga, 1-Bromo-2,6-bis(*N*-methylpiperazinylmethyl)benzene, *Acta Crystallogr.*, **2007**, *E63*, o4323 (I.F. = 0.347).
14. **Lucian Copolovici**, Vilma Bojan, Cristian Silvestru, Richard A. Varga, 1-Bromo-2,6-bis(*N*-morpholinylmethyl)benzene, *Acta Crystallogr.*, **2007**, *E63*, o4570 (I.F. = 0.347).
15. **Lucian Copolovici**, Ioan Baldea, Kinetics of the Phenol Oxidation by Permanganate in Acidic Media, *Rev. Roum. Chem*, **2007**, *52*, 1045 – 1050 (I.F. = 0.395).
16. Steffen Noe, **Lucian Copolovici**, Ülo Niinemets, Evi Vaino, Storage of limonene in leaves is positively correlated to the leaves lipid content, *Plant Biology*, **2008**, 10, 129 - 137 (I.F. = 2.393).
17. Bahtijor Rasulov, **Lucian Copolovici**, Agu Laisk, Ulo Niinemets, Postillumination isoprene emission: in vivo measurements of dimethylallyldiphosphate pool size and isoprene synthase kinetics in aspen leaves, *Plant Physiology*, **2009**, *149*, 1609-1618 (I.F. = 6.305).
18. Ivan Kourtchev, **Lucian Copolovici**, Magda Claeys, Willy Maenhaut, Characterization of atmospheric aerosols at a forested site in Central Europe, *Environmental Science & Technology*, **2009**, *43*, 4665-4671 (I.F. = 7.149).
19. **Lucian Copolovici**, Astrid Kannaste, Ulo Niinemets, Gas chromatography-mass spectrometry method for determination of monoterpene and sesquiterpene emissions from stressed plants, *Studia Univ. Babeş-Bolyai, Chem.*, **2009**, 54, 329-333 (I.F. = 0.275).
20. **Lucian Copolovici**, Ulo Niinemets, Flooding induced emissions of volatile signalling compounds in three tree species with differing waterlogging tolerance, *Plant Cell and Environment*, **2010**, *33*, 1582-1594 (I.F. = 5.624).
21. Merje Toome, Pille Randjärv, **Lucian Copolovici**, Ülo Niinemets, Katrin Heinsoo, Anne Luik, Steffen M. Noe, Leaf rust induced volatile organic compounds signalling in willow during the infection, *Planta*, **2010**, *232*(1), 235-243 (I.F. = 3.060).

22. **Lucian Copolovici**, Ioan Baldea, Kinetics of the phenol oxidation by permanganate in acidic media. The intermediate oxidized species 4,4'-biphenoquinone evolution, *Studia Univ. Babeş-Bolyai, Chem.*, **2010**, 55(2), 155-167 (I.F. = 0.275).
23. **Lucian Copolovici**, Ioan Baldea, Alexandra Csavdari, Determination of aromatic amines and phenols by kinetic methods based on Landolt effect, *Studia Univ. Babeş-Bolyai, Chem.*, **2010**, 55(1), 103-111 (I.F. = 0.275).
24. Ulo Niinemets, **Lucian Copolovici**, Katja Huve, High within-canopy variation in isoprene emission potentials in temperate trees: implications for predicting canopy-scale isoprene fluxes, *Journal of Geophysical Research – Biogeosciences*, **2010**, 115, G04029 (I.F. = 3.621).
25. **Lucian Copolovici**, Astrid Kannaste, Triinu Rimmel, Vivian Vislap, Ulo Niinemets, Volatile emissions from *Alnus glutinosa* induced by herbivory are quantitatively related to the extent of damage, *Journal of Chemical Ecology*, **2011**, 37, 18-28 (I.F. = 2.447).
26. Steffen M. Noe, Veljo Kimmel, Katja Huve, **Lucian Copolovici**, Miguel Portillo-Estrada, Ulle Puttsepp, Kalev Jagiste, Ulo Niinemets, Lukas Hortnagl, Georg Wohlfahrt, Ecosystem-scale biosphere–atmosphere interactions of a hemiboreal mixed forest stand at Jarvselja, Estonia, *Forest Ecology and Management*, **2011**, 262, 71-81. (I.F. = 3.126).
27. Ülo Niinemets, Uwe Kuhn, Peter C. Harley, Michael Staudt, Almut Arneth, Alessandro Cescatti, Paolo Ciccioli, **Lucian Copolovici**, Chris Geron, Alex Guenther, Jürgen Kesselmeier, Manuel T. Lerdau, Russell K. Monson, Josep Peñuelas, Estimation of isoprenoid emission factors from enclosure studies: measurements, data processing, quality and standardized measurement protocols, *Biogeosciences*, **2011**, 8, 2209-2246 (I.F. = 3.951).
28. Z. Sun, **Lucian Copolovici**, Ulo Niinemets, Can the capacity for isoprene emission acclimate to environmental modifications during autumn senescence in temperate deciduous tree species *Populus tremula?*, *Journal of Plant Research*, **2012**, 125, 263-274 (I.F. = 2.082).
29. **Lucian Copolovici**, Astrid Kannaste, Leila Pazouki, Ulo Niinemets, Emissions of green leaf volatiles and terpenoids from *Solanum lycopersicum* are quantitatively related to the severity of cold and heat shock treatments, *Journal of Plant Physiology*, **2012**, 169, 664-672 (I.F. = 2.825).
30. Steffen Noe, Katja Huve, Ulo Niinemets, **Lucian Copolovici** Seasonal variation in vertical volatile compounds air concentrations within a remote hemiboreal mixed forest, *Atmospheric Chemistry and Physics*, **2012**, 12, 3909–3926 (I.F. = 5.668).

31. Zhihong Sun, Ülo Niinemets, Katja Hüve, Steffen M. Noe, Bahtijor Rasulov, **Lucian Copolovici**, Vivian Vislap Enhanced isoprene emission capacity and altered light responsiveness in aspen grown under elevated atmospheric CO₂ concentration, *Global Change Biology*, **2012**, 18, 3423–3440 (I.F. = 8.880).
32. Eve Veromann, Merje Toome, Astrid Kännaste, Riina Kaasik, **Lucian Copolovici**, Jaak Flink, Gabriella Kovács, Lea Narits, Anne Luik, Ülo Niinemets, Effects of nitrogen fertilization on insect pests, their parasitoids, plant diseases and volatile organic compounds in *Brassica napus*, *Crop Protection*, **2013**, 43, 79-88 (I.F. = 2.172).
33. Ocsana Opriş, Florina Copaciu, Maria Loredana Soran, Dumitru Ristoiu, Ülo Niinemets, **Lucian Copolovici**, Influence of nine antibiotics on key secondary metabolites and physiological characteristics in *Triticum aestivum*: leaf volatiles as a promising new tool to assess toxicity, *Ecotoxicology and Environmental Safety*, **2013**, 87, 70–79 (I.F. = 4.527).
34. Florina Copaciu, Ocsana Opriş, Virginia Coman, Dumitru Ristoiu, Ülo Niinemets, **Lucian Copolovici**, Diffuse water pollution by anthraquinone and azo dyes in environment importantly alters foliage volatiles, carotenoids and physiology in wheat (*Triticum aestivum*), *Water Air and Soil Pollution*, **2013**, 224, 1478 (I.F. = 1.774).
35. Astrid Kännaste, **Lucian Copolovici**, Leila Pazouki, Marina Suhhorutšenko, Ülo Niinemets, Highly variable chemical signatures over short spatial distances among Scots pine (*Pinus sylvestris*) populations, *Tree Physiology*, **2013**, 33, 374-387 (I.F. = 3.477).
36. Magdalena Tomás, Jaime Flexas, **Lucian Copolovici**, Jeroni Galmés, Lea Hallik, Hipólito Medrano, Miquel Ribas-Carbó, Tiina Tosens, Vivian Vislap, Ülo Niinemets, Importance of leaf anatomy in determining mesophyll diffusion conductance to CO₂ across species: quantitative limitations and scaling up by models, *Journal of Experimental Botany*, **2013**, 64, 2269-2281 (I.F. = 5.360).
37. Emanuele Pallozzi, Tsonko Tsonev, Giovanni Marino, **Lucian Copolovici**, Ülo Niinemets, Francesco Loreto, Mauro Centritto, Isoprenoid emissions, photosynthesis and mesophyll diffusion conductance in response to blue light, *Environmental and Experimental Botany*, **2013**, 95, 50-58 (I.F. = 3.712).
38. Ülo Niinemets, Astrid Kännaste, **Lucian Copolovici**, Quantitative patterns between plant volatile emissions induced by biotic stresses and the degree of damage, *Frontiers in Plant Science*, **2013**, 4, 262. doi: 10.3389/fpls.2013.00262 (I.F. = 4.106).

39. **Lucian Copolovici**, Astrid Kännaste, Triinu Rimmel, Ülo Niinemets, Volatile organic compound emissions from *Alnus glutinosa* under interacting drought and herbivory stresses, *Environmental and Experimental Botany*, **2014**, 100, 55. Doi: 10.1016/j.envexpbot.2013.12.011 (I.F. = 3.712).
40. Salme Timmusk, Islam Abd El Daim, **Lucian Copolovici**, Triin Tanilas, Astrid Kännaste, Lawrence Behers, Eviatar Nevo, Gulaim Seisenbaeva, Elna Stenström, Ülo Niinemets, Drought-tolerance of wheat improved by soil bacteria from harsh environments: enhanced biomass production and reduced emissions of stress volatiles, *PLOS One*, **2014**, 9, e96086 (I.F. = 2.776).
41. Maria-Loredana Soran, Manuela Stan, Ülo Niinemets, **Lucian Copolovici**, Influence of microwave frequency electromagnetic radiation on terpene emission and content in aromatic plants, *Journal of Plant Physiology*, **2014**, 171, 1436-1443 (I.F. = 2.825).
42. **Lucian Copolovici**, Fred Väärtnõu, Miguel Portillo Estrada, Ülo Niinemets, Oak powdery mildew (*Erysiphe althitoides*) induced volatile emissions scale with the degree of infection in *Quercus robur*, *Tree Physiology*, **2014**, 34, 1399-1410 (I.F. = 3.477).
43. Jeroni Galmes, M. V. Kapralov, **Lucian O. Copolovici**, C. Hermida-Carrera, Ulo Niinemets, Temperature responses of the Rubisco maximum carboxylase activity across domains of life: phylogenetic signals, tradeoffs, and importance for carbon gain, *Photosynthesis Research*, **2015**, 123, 183-201 (I.F. =3.057).
44. Cecilia Sirghie, Mihaela Dochia, Ioan Vifor Istoc, Dorina Chambre and **Lucian Copolovici**, A comparison of a new method mediated by molybdenum complex with an enzymatic method for bleaching flax fibers, *Journal of Natural Fibers*, **2015**, 12, 378-387 (I.F. = 1.252).
45. Miguel Portillo-Estrada, **Lucian Copolovici**, Ulo Niinemets, Bias in leaf dry mass estimation after oven-drying isoprenoid storing leaves, *Trees*, **2015**, 29, 1805-1816 (I.F. = 1.799).
46. Cecilia Sirghie, Ioan Vifor Istoc, Simona Bungău, **Lucian Copolovici**, The influence of ultrasound field on laccase degumming process, *Cellulose Chemistry and Technology*, **2015**, 49, 901-904 (I.F. =0.857).
47. **Lucian Copolovici**, Ulo Niinemets, Temperature dependencies of Henry's law constants for different plant sesquiterpenes, *Chemosphere*, **2015**, 138, 751-757 (I.F. = 5.108).
48. Florina Copaciu, Ocsana Opreș, Ülo Niinemets, **Lucian Copolovici**, Toxic influence of key organic soil pollutants on the total flavonoid content in wheat leaves, *Water Air and Soil Pollution*, **2016**, 227, 196 (I.F. = 1.774).

49. Kaia Kask, Astrid Kännaste, Eero Talts, **Lucian Copolovici**, Ülo Niinemets, How specialized volatiles respond to chronic, and short-term physiological and shock heat stress in *Brassica nigra*, *Plant Cell and Environment*, **2016**, 39, 2027-2042 (I.F. = 5.624).
50. Ildikó Lung, Maria-Loredana Soran, Ocsana Opriş, Mihail Radu Cătălin Truşcă, Ülo Niinemets, **Lucian Copolovici**, Induction of stress volatiles and changes in essential oil content and composition upon microwave exposure in the aromatic plant *Ocimum basilicum*, *Science of the Total Environment*, **2016**, 569, 489-495 (I.F. = 5.589).
51. Pasi Yli-Pirilä, **Lucian Copolovici**, Astrid Kannaste, Steffen Noe, James Blande, Santtu Mikkonen, Tero Klemola, Juha Pulkkinen, Annele Virtanen, Ari Laaksonen, Jorma Joutsensaari, Ülo Niinemets, Jarmo Holopainen, Herbivory by an outbreaking moth increases emissions of biogenic volatiles and leads to enhanced secondary organic aerosol formation capacity, *Environmental Science & Technology*, **2016**, 50, 11501-11510 DOI: 10.1021/acs.est.6b02800 (I.F. = 7.149).
52. Daniel Tomescu, Radu Şumălan, **Lucian Copolovici**, Dana Copolovici, The influence of soil salinity on volatile organic compounds emission and photosynthetic parameters of different local varieties of *Solanum lycopersicum* L., *Open Life Sciences*, **2017**, 12, 135-142 (I.F. = 0.504).
53. **Lucian Copolovici**, Andreea Pag, Astrid Kännaste, Adina Bodescu, Daniel Tomescu, Dana Copolovici, Maria-Loredana Soran, Ülo Niinemets, Disproportionate photosynthetic decline and inverse relationship between constitutive and induced volatile emissions upon feeding of *Quercus robur* leaves by large larvae of gypsy moth (*Lymantria dispar*) *Environmental and Experimental Botany*, **2017**, 138, 184-192 (I.F. = 3.712).
54. Dana Copolovici, Simona Bungau, Rica Boscencu, Delia Tit, **Lucian Copolovici**, The Fatty Acids Composition and Antioxidant Activity of Walnut Cold Press Oil, *Revista de chimie*, **2017**, 68, 507-509 (I.F. = 1.605).
55. Adriana Nita, Delia Tit, **Lucian Copolovici**, Carmen Melinte, Dana Copolovici, Simona Bungau, ¹H-NMR study of famptodine and niztidine complexes with β-cyclodextrin, *Revista de chimie*, **2017**, 68, 1170-1173 (I.F. = 1.605).
56. **Lucian Copolovici**, Daniela Timiş, Monica Tăşchină, Simona Bungău, Gabriela Cioca, Dana Copolovici, Diclofenac influence on photosynthetic parameters and volatile organic compounds emission from *Phaseolus vulgaris* L. plants, *Revista de chimie*, **2017**, 68, 2076-2078 (I.F. = 1.605).

57. Monica Tășchină, Dana Maria Copolovici, Simona Bungău, Andreea Lupitu, **Lucian Copolovici**, Ciprian Iovan, The influence of residual acetaminophen on beans (*Phaseolus vulgaris* L.) plants secondary metabolites, *Farmacia*, **2017**, 65, 709-713 (I.F. = 1.527).
58. Simona Bungau, Delia Tit, Ciprian Iovan, **Lucian Copolovici**, Rica Boscencu, Gabriela Cioca, Dana Copolovici, New method for simultaneous determination of ascorbic and acetylsalicylic acids in effervescent tablets, *Revista de chimie*, **2017**, 68, 2495-2498 (I.F. = 1.605).
59. **Lucian Copolovici**, Adelina Ban, Ioana Faur, Dana Copolovici, The influence of simulated acidic rain on plants volatile organic compounds emission and photosynthetic parameters, *AgroLife Scientific Journal*, **2017**, 6, 73-76
60. Astrid Kannaste, Lauri Laanisto, Leila Pazouki, **Lucian Copolovici**, Marina Suhurutšenko, Muhammad Azeem, Lauri Toom, Anna-Karin Borg-Karlson, Ülo Niinemets, Diterpenoid fingerprints in pine foliage across an environmental and chemotypic matrix: isoabienol content is a key trait differentiating chemotypes, *Phytochemistry*, **2018**, 147, 80-88 (I.F. = 2.905)
61. Adriana Nita, Delia Tit, **Lucian Copolovici**, Carmen Melinte, Dana Copolovici, Simona Bungau, Ciprian Iovan, HPLC-UV method for determination of famotidine from pharmaceutical products, *Revista de chimie*, **2018**, 69, 297-299 (I.F. = 1.605).
62. Ulo Niinemets, Leon Bravo, **Lucian Copolovici**, Changes in photosynthetic rate and stress volatile emissions through desiccation-rehydration cycles in desiccation tolerant epiphytic filmy ferns (Hymenophyllaceae), *Plant Cell and Environment*, **2018**, 41, 1605-1617 (I.F. = 5.624).
63. Cristian Moisa, **Lucian Copolovici**, Simona Bungău, Georgeta Pop, Ilinca Imbrea, Andreea Lupitu, Sebastian Nemeth, Dana Copolovici, Wastes resulting from thyme distillation - bio-sources of antioxidants and phenolic compounds with biological active principles, *Farmacia*, **2018**, 66, 289-295 (I.F. = 1.527).
64. Claudia Anca Mot, Andreea I. Lupitu, Simona Bungau, Ciprian Iovan, Dana Maria Copolovici, Lavinia Purza, Carmen Elena Melinte (Frunzulica), **Lucian Copolovici**, Composition and Antioxidant Activity of Aqueous Extracts Obtained from Herb of Tansy (*Tanacetum vulgare* L.), *Revista de chimie*, **2018**, 69, 1041-1044 (I.F. = 1.605).
65. Diana Nicoleta Raba, Dorina Rodica Chambre, Dana-Maria Copolovici, Camelia Moldovan, **Lucian Octav Copolovici**, The influence of high-temperature heating on composition and

thermo-oxidative stability of the oil extracted from Arabica coffee beans, *Plos one*, **2018**, 13, e0200314 (I.F. = 2.776).

66. Salme Timmusk, Dana Copolovici, **Lucian Copolovici**, Tiiu Teder, Eviatar Nevo, Lawrence Behers, *Paenibacillus polymyxa* biofilm polysaccharides antagonise *Fusarium graminearum*, *Scientific reports-Nature*, **2019**, 9, 662 (I.F. = 4.011).

67. Cristian Moisa, Andreea Lupitu, Georgeta Pop, Dorina Chambre, **Lucian Copolovici**, Gabriela Cioca, Simona Bungau, Dana Maria Copolovici, Variation of the Chemical Composition of *Thymus vulgaris* Essential Oils by Phenological Stages, *Revista de chimie*, **2019**, 70, 633-637 (I.F. = 1.605).

68. Ocsana Opriș, Alexandra Ciorîță, Maria-Loredana Soran, Ildikó Lung, Dana Copolovici, **Lucian Copolovici**, Evaluation of the photosynthetic parameters, emission of volatile organic compounds and ultrastructure of common green leafy vegetables after exposure to non-steroidal anti-inflammatory drugs (NSAIDs), *Ecotoxicology*, **2019**, 28, 631-642 (I.F. = 1.987).

69. Vito Lippolis, Massimiliano, Maria Carla Aragoni, Francesco Isaia, **Lucian Copolovici**, Cristian Silvestru, Enzo Cadoni, Alexander Blake, Alexandra Pop, Richard Varga, Jeremiah Tidey, Sergio Murgia, Reaction of imidazoline-2-selone derivatives with mesityltellurenyl iodide: a unique example of a 3c-4e Se→Te←Se three-body system embedding a tellurenyl cation, *New Journal of Chemistry*, **2019**, 43, 11821-11831 (I.F. = 3.201).

70. Adina Stegarescu, Ildiko Lung, Cristian Leoștean, Irina Kacso, Ocsana Opriș, Mihaela Diana Lazăr, **Lucian Copolovici**, Simona Guțoiu, Manuela Stan, Adriana Popa, Ovidiu Pană, Alin Sebastian Porav, Maria-Loredana Soran, MnO₂ nanocatalyst used for biofuel production from vegetable oil, *Waste Biomass Valorization*, **2019**, *in press* (I.F. = 2.358).

71. Adriana Csavdari, Andreea Lupitu, Simona Bungău, Manuel Gitea, Daniela Gitea, Delia Mirela Tit, **Lucian Copolovici**, Sebastian Nemeth, Dana Copolovici, Fatty acids composition and antioxidant activity of almond oils obtained from Romanian hybrids, *Farmacia*, **2019**, *in press* (I.F. = 1.527).

Nota: I.F. = Factor de Impact in accord cu ISI Thompson Citation Report 2018

b) Articole ISI proceedings

1. Andreea I. Lupitu, Cristian Moisa, Daniel Tomescu, Georgeta Pop, Dana Maria Copolovici, **Lucian Copolovici**, Adrian Rivis, Phenolic Compounds and Vitamins Composition in Medicinal Plants with Potential Anti-Bloating Properties, *Proceedings of The International Conference on Life Sciences*, **2018**, 602-608.
2. Georgeta Pop, Ilinca Imbrea Merima, Dana Copolovici, Monica Licker, Corina Danciu, Cristina Dehelean, Alexandru Cucui-Cozma, Daniela Amzar, **Lucian Copolovici**, Antibacterial Activity and Chemical Composition of *Origanum majorana* L. Essential Oil from the Western Part of Romania, *Proceedings of The International Conference on Life Sciences*, **2018**, 865-670.
3. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Andreea Lupitu, Virgiliu Ciutina, Dana Copolovici, Essential Oil Composition, Total Phenolic Content, and Antioxidant Activity - Determined from Leaves, Flowers and Stems of *Origanum Vulgare* L. Var. *Aureum.*, *Sciendo*, **2018**, 1(1), 555 - 561.

c) Articole BDI

1. Alexandra Rustoiu-Csavdari, Ioan Baldea, **Lucian Copolovici**, Dana Mihai, The Hydrogen Peroxide- Iodide Reaction in Kinetic Chemical Analysis. An attempt for multicomponent calibration, *Studia Univ. Babes-Bolyai, Chem.*, **2000**, 45, 119-138.
2. Simona Bungău, Ioan Bâldea, **Lucian Copolovici**, Determination of some aminoacids from pharmaceutical products by using a kinetic method based on a clock Landolt-type system of redox reactions, *Studia Univ. Babes-Bolyai, Chem.*, **2002**, 47, 75-84.
3. Simona Bungău, **Lucian Copolovici**, Gavril Niac and Ioan Baldea, Kinetic Determination of B₁, B₂ and B₆ vitamins, *Studia Univ. Babes-Bolyai, Chem.*, **2002**, 47, 141-148.
4. **Lucian Copolovici**, Claudia Muresanu, and Florina Fagadar, Kinetic Method for Hydroxylamine Determination based on an Enzyme Catalysed Reaction, *Bull. Inst. Polit. Iași*, **2003**, 5, 184-189.
5. **Lucian Copolovici**, Ioan Baldea, Logarithmic Extrapolation Method for Kinetic Determination of Amines Mixtures, *Studia Univ. "Babes-Bolyai", Chemia*, **2003**, 48(2), 85-90.
6. **Lucian Copolovici**, Ioan Baldea, Logarithmic Extrapolation Method for Kinetic Determination, *Annals of West Univ. Timisoara, Ser. Chemistry*, **2003**, 12(3), 1605-1612.
7. Simona Bungau, **Lucian Copolovici**, Ioan Baldea, Vitamin C and Aspirin Kinetic Determination from Pharmaceutical Effervescent Forms without Separation, *Farmacia*, **2004**, 52(1), 83-89.

8. Simona Bungău, **Lucian Copolovici**, Ioan Baldea, Ildiko Szabo, Kinetic Methods for the Determination of Cysteine and Methionine without Initial Separation, *Farmacia*, **2004**, 55(4), 60-66.
9. Laurean Vlase, Ioan Baldea, Simion Leucuta, Liviu Rus and **Lucian Copolovici**, Kinetic study on omeprazole degradation at different pH values by using HPLC, *Studia Univ. "Babes-Bolyai", Chemia*, **2005**, 50(1-2), 169-173.
10. **Lucian Copolovici**, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Adina Bodescu, Ülo Niinemets, Volatile organic compound emissions from *Quercus* genus under abiotic stresses, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, **2014**, 3, 5-7
11. Simona Bungău, Gabriela Vonhaz, Delia M. Țiț, **Lucian Copolovici**, A comparative study of dry and fresh *hibiscus trioni* Herba tinctures, *Biharean Biologist*, **2015**, 9, 55-58.
12. Andreea Pag, Daniel Tomescu, Adina Bodescu, Astrid Kännaste, Ülo Niinemets, **Lucian Copolovici**, The emission of volatile organic compounds from *Quercus robur* plants affected by *Phylloxera quercus* and temperature, *ECOTERRA - Journal of Environmental Research and Protection*, **2015**, 12, 94-99.
13. Daniel Tomescu, Radu Sumalan, Loredana Soran, **Lucian Copolovici**, The influence of soil salinity to chlorophylls and β -carotene contents in *Lycopersicon esculentum* Mill., *Journal of Horticulture, Forestry and Biotechnology*, **2015**, 19, 35-39.
14. **Lucian Copolovici**, Adina Bodescu, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Ülo Niinemets Volatile organic compounds emissions and photosynthetic parameters of *Quercus rubra* under temperature stress, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering, **2015**, 4, 5-8
15. Renata Maria Șumalan, RL Sumalan, S Ciulca, Adriana Ciulca, **Lucian Copolovici**, JC Yvin, Research on sunflower oil quality in the case of *Orobanche cumana* attack, *Research Journal of Agricultural Science*, **2016**, 48, 34-38.
16. 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.
17. Andreea I. Lupitu, 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.
18. Stefan Smetan, Dana Copolovici, Ilinca Merima Imbrea, Gabriela Valentina Ciobotariu, **Lucian Copolovici**, Georgeta, Pop, Chemical composition of lavender oil produced from

lavender cultivated in the South of Madrid, *Research Journal of Agricultural Science*, **2018**, 50(3), 37-42.

19. F. Bodnărescu, Renata Maria Șumălan, S. Ciulca, **Lucian Copolovici**, R.L. Șumălan, The influence of parental lines on lycopene and β -carotene content in tomato f1 hybrids (*Solanum lycopersicum* L.), *Research Journal of Agricultural Science*, **2018**, 50(3), 90-97.

20. Cristian Moisa, **Lucian Copolovici**, Andreea Lupitu, Dana Copolovici, Ilinca Imbrea, Georgeta Pop, Effect of light intensity on the photosynthetic parameters for plants from the *Lamiaceae* family, *Research Journal of Agricultural Science*, **2019**, 51(1), 154-159.

d) Articole in extenso la conferinte

1. A. Rustoiu-Csavdari, **L. Copolovici**, Z. Nagy, Possible Use of Artificial Neural Network in Tricomponent Calibration, Proc. *14th International Congress of Chemical and Process Engineering*, 27-31 August, Praha, Czech Republic, **2000** (on CD).

e) Carti

1. Simona Bungau, Vasilica Merca, **Lucian Copolovici**, *Instrumental Analysis and Separation Methods* (in Romanian), Ed. Univ. Oradea, 228 p., **2004**, ISBN 973-613-489-X.

2. Simona Bungau, **Lucian Copolovici**, *Analytical Chemistry-Calitative Chemical Analyse*(in Romanian), Ed. Univ. Oradea, 230 p., **2005**, ISBN 973-613-804-6.

3. Felicia Drăgan, **Lucian Copolovici**, *Pharmaceutical Products Synthesis* (in Romanian), Ed. Focus, 184 p., **2005**, ISBN 973-87104-5-6.

4. Simona Bungau, **Lucian Copolovici**, *Theoretical and Practical Applications in Quantitative Analytical Chemistry* (in Romanian), Ed. Didactica si Pedagogica, 213 p., **2006**, ISBN 973-30-1622-5.

5. Simona Bungău, Delia Mirela Tiț, **Lucian Copolovici**, Eleonora Marian, *Theoretical and Practical Applications in Quantitative Analytical Chemistry* (in Romanian), *Second Edition*, Ed. Didactică și Pedagogică, 380 p., **2011**, ISBN 978-973-30-2910-6.

6. Simona Bungău, Dana Copolovici, **Lucian Copolovici**, *Chimie analitică. Analiza Calitativă* (Editia a doua), Ed. Univ. Oradea , 300 p., **2014**, ISBN 978-606-10-1243-5.

7. Simona Bungău, Dana Copolovici, **Lucian Copolovici**, *Instrumental Analytical Methods. Metode instrumentale de analiza*, Italian Academic Publishing, 285 p., **2015**, ISBN 978-88-98471-15-7.

f) Capitole de carte

1. Astrid Kannaste, **Lucian Copolovici**, Ulo Niinemets, *Gas Chromatography–Mass Spectrometry Method for Determination of Biogenic Volatile Organic Compounds Emitted by Plants*, in: *Methods in Molecular Biology, Plant isoprenoids, Methods and Protocols*, Humana Press, Springer New York, pp 161-169, **2014**, ISBN 978-1-4939-0605-5.
2. **Lucian Copolovici**, Ulo Niinemets, *Environmental impacts on plant volatile emission*, in: *Deciphering chemical language of plant communication*, James D. Blande, R. Glinwood Ed., Springer, New York, pp. 35-59, **2016**, ISBN 978-3-319-33498-1.

g) Abstracte la conferinte stiintifice

(1) Conferinte citate ISI

1. Z. Sun, Ulo Niinemets, **Lucian Copolovici**, **Foliar isoprene emission during autumn senescence in aspen (*Populus tremula*)**, *19th Annual VM Goldschmidt Conference* Davos, Switzerland, Jun. 21, 2009, published in: *Geochimica et Cosmochimica Acta*, 73(13), A1295-A1295
2. Manuela Stan, Maria L. Soran, Codruța Varodi, Iolanda Lung, **Lucian Copolovici**, Constantin Măruțoiu, **Extraction and GC determination of volatile aroma compounds from extracts of three plant species of the *Apiaceae* family**, *AIP Conference Proceedings*, 1565, 75-78, 2013.
3. Anca Mot, Dana Copolovici, Emilian Matosa, Ghiocel Mot, Lucian Copolovici, **The chemical composition and pharmaceutical usage of Hawthorn (*Crataegus monogyna* L.) extracts**, *European Biotechnology Conference*, 5-7 May 2016, published in: *Journal of Biotechnology*, 231, S59-S59

(2) Conferinte internationale si nationale

4. Alexandra Rustoiu Csavdari, Ioan Baldea, **Lucian Copolovici**, Dana Mihai, **Multicomponent trace analysis of some heavy metal ions by kinetic methods**, *A XI-a Conferinta Internationala de Chimie si Inginerie Chimica*, 30.09-2.10, Bucuresti, 1999, S4-O1 (participant).
5. **Lucian Copolovici**, Ioan Baldea, **Metoda cinetica pentru determinarea cresolilor in concentratii mici** (A Kinetic Method for the Determination of Cresol in Trance), (*in Romanian*), *Al XXVI-lea Simpozion National de Chimie*, 4 - 6 octombrie, Calimanesti-Caciulata, 2000, PS5-464.

6. **Lucian Copolovici**, Ioan Baldea, **Determination of Phenol by Kinetic Methods**, The 10th Conference on Physical Chemistry, 25-29 September, Iasi, 2000, S10-PO5 (*participant*).
7. **Lucian Copolovici**, Ioan Baldea, **Kinetic Determination of Aromatic Amines at Millimolar Level**, *7th International Symposium on Analytical Chemistry*, Bucuresti, 26-29 septembrie 2001, P9 (*participant*)
8. **Lucian Copolovici**, Ioan Baldea, Alexandra Balc, **Determination of Aromatic Amines by Kinetic Methods**, *7th International Symposium on Analytical Chemistry*, Bucuresti, 26-29 septembrie 2001, P8 (*participant*)
9. **Lucian Copolovici**, Ioan Baldea, **Kinetic Determination of Aromatic Amines at Millimolar Level 30 de ani învățământ de inginerie chimică**, Cluj-Napoca, 6-8 septembrie 2001, S5-O2 (*participant*)
10. **Lucian Copolovici**, Claudia Mureșanu, Florina Făgădar, **Kinetics, mechanism and analytical applications of catalase catalyzed decomposition of H₂O₂ in the presence of phenolic inhibitors**, *A XII-a Conferința Internațională de Chimie și Inginerie Chimică*, 13.09-15.09, Bucuresti, 2001, S4-P25 (*participant*).
11. Simona Bungău, Ioan Bâldea, **Lucian Copolovici**, **Kinetic Determination of Vitamines by Using Landolt-Type Reactions**, *3rd International Conference of the Chemical Societies of the South-Eastern European Countries on "Chemistry in the New Millennium - an Endless Frontier"*, București, 22.09-25.09 2002, P144 (*participant*)
12. Claudia Mureșanu, **Lucian Copolovici**, Florina Făgădar, **Kinetics, mechanism and analytical applications of catalase catalyzed decomposition of H₂O₂ in the presence of hydroxylamine**, *3rd International Conference of the Chemical Societies of the South-Eastern European Countries on "Chemistry in the New Millennium - an Endless Frontier"*, București, 22.09-25.09 2002, P145 (*participant*)
13. **Lucian Copolovici**, Ioan Bâldea, Kinetic determination of aromatic amines in mixture using a logarithmic extrapolation method, *3rd International Conference of the Chemical Societies of the South-Eastern European Countries on "Chemistry in the New Millennium - an Endless Frontier"*, București, 22.09-25.09 2002, P146 (*participant*)
14. S. Bungău, Ioan Bâldea, **Lucian Copolovici**, Florian Bănică, Kinetic Determination of Upsarin components using Landolt-Type Reactions, The 27th Annual Congress of American-Roumanian Academy of Arts and Science, Oradea, 12.04-15.04, 2002, P46
15. **Lucian Copolovici**, Ioan Bâldea și Alexandra Rustoiu-Csavdari, Determinarea *para*-toluidinei și fenolului în amestec prin o metodă cinetică (*para*-toluidine and phenol Determination Using a Kinetic Method), (*in Romanian*), *Al XXVII-lea Simpozion Național de Chimie*, 23 -26 octombrie, Calimanesti-Caciulata, 2002, S5-270 (*participant*)
16. Simona Bungău, Ioan Bâldea and **Lucian Copolovici**, Determinarea vitaminelor B₁ și B₆ prin oxidare cu permanganat (Vitamins B₁ and B₆ Determination Using Permanganate), (*in*

Romanian), Al XXVII-lea Simpozion National de Chimie, 23 -26 octombrie, Calimanesti-Caciulata, 2002, S5-298 (participant)

17. Simona Bungău, Ioan Bâldea, Gavril Niac and **Lucian Copolovici**, O metodă cinetică de determinare a acidului ascorbic din fructe (A Kinetic Methods for Ascorbic Acid Determination in Fruits), (in Romanian), Al XXVII-lea Simpozion National de Chimie, 23 -26 octombrie, Calimanesti-Caciulata, 2002, S5-316 (participant)

18. **Lucian Copolovici**, Atilla Horvath and Ioan Bâldea, **Kinetics and Analytical Application of Phenol Oxidation by Potassium Permanganate in Acidic Media**, A III-a Conferință a Facultății de Chimie Industrială, 13.11-15.11, Iași, 2002, S5-O6 (participant)

19. Claudia Muresanu, **Lucian Copolovici** and Florina Fagadar, Cinetica și aplicațiile analitice ale reacției de descompunere a apei oxigenate catalizate enzimatic (Kinetics and Analytical Application of The Hydroperoxide Decomposition in Enzymatic Catalysis) (in Romanian), A III-a Conferință a Facultății de Chimie Industrială, 13.11-15.11, Iași, 2002, S5-O7 (participant)

20. **Lucian Copolovici**, Alexandra Rustoiu-Csavdari, Ioan Baldea, **O metodă cinetică de determinarea a fenolului și para-toluidinei** (A Kinetic Method for Phenol and para-toluidine Determination) (in Romanian), Conferința Univ. de Nord, 08.05-09.05, Baia Mare, 2003, P1, (participant)

21. Simona Bungău, **Lucian Copolovici** and Ioan Bâldea, **Kinetic Determination Methods for Ascorbic Acid by Using N-(1-naphthyl) Etilendiamine Hydrochloride**, 11th Physical Chemistry Conference (ROMPHYSCHEM 11), 2.09-5.09, Timișoara, 2003, S10-P119 (participant)

22. Simona Bungău, **Lucian Copolovici** and Ioan Bâldea, **Kinetic Determination of para-aminobenzoic acid (H vitamin) By using Landolt-Type Reactions**, 11th Physical Chemistry Conference (ROMPHYSCHEM 11), 2.09-5.09, Timișoara, 2003, S10-P120 (participant)

23. **Lucian Copolovici**, Claudia Muresanu and Florina Fagadar, **A New Kinetic Method For the Determination of Hydroxylamine Using an Oxygen Sensor**, 11th Physical Chemistry Conference (ROMPHYSCHEM 11), 2.09-5.09, Timișoara, 2003, S10-P131 (participant)

24. **Lucian Copolovici**, Ioan Baldea, **Spectrophotometrical Kinetic Determination of β -naphthol at Millimolar Level**, 11th Physical Chemistry Conference (ROMPHYSCHEM 11), 2.09-5.09, Timișoara, 2003, S10-P132 (participant)

25. Anca Molnar, Ioan Baldea, **Lucian Copolovici** and Simona Bungau, **Kinetics and Analytical Application of Oxidation of Thiamine by Permanganate in Acidic Media**, 13th Romanian International Conference on Chemistry and Chemical Engineering, 16.09-20.09, Bucuresti, 2003, S3-P19 (participant)

26. Simona Bungău, **Lucian Copolovici** and Ioan Bâldea, **Determination of Ascorbic Acid and Acetylsalicylic Acid in Mixture**, *13th Romanian International Conference on Chemistry and Chemical Engineering*, 16.09-20.09, Bucuresti, 2003, S4-O2 (*participant*)
27. Claudia Muresanu, **Lucian Copolovici**, **Kinetic Method for Acetylsalicylic Acid Determination Based On its Inhibitory Effect Upon Catalytic Decomposition of H₂O₂**, *13th Romanian International Conference on Chemistry and Chemical Engineering*, 16.09-20.09, Bucuresti, 2003, S4-P08, (*participant*)
28. **Lucian Copolovici** Ioan Bâldea and Atilla Horvath, **Phenol Oxidation by Potassium Permanganate in Acidic Media. Kinetics and Analytical Application**, *13th Romanian International Conference on Chemistry and Chemical Engineering*, 16.09-20.09, Bucuresti, 2003, S4-P19 (*participant*)
29. Florina Fagadar, Ioan Baldea and **Lucian Copolovici**, **Kinetic Method For Phenol Determination Based on its Inhibitory Effect Upon Catalytic Decompositions of H₂O₂**, *13th Romanian International Conference on Chemistry and Chemical Engineering*, 16.09-20.09, Bucuresti, 2003, S4-P20 (*participant*)
30. **Lucian Copolovici**, **Physical-Chemical Characterization of VOC Emission**, *ISONET-VOCBAS Summer school*, 20-24.09, Pievo-Tesino (Italy), 2004 (*participant*)
31. **Lucian Copolovici**, Felicia Dragan, **Analytical Application of Atenolol Oxidation by Bichromate in Acidic Media**, *Advanced Spectroscopies on Biomedical and Nanostructured Systems*, 19-22 September, Cluj-Napoca, 2004
32. **Lucian Copolovici**, Felicia Dragan, Simona Bungau, **Determinarea acidului acetilsalicilic prin oxidare cu permanganat** (Determination of Acetylsalicylic Acid from Drugs Using Kinetic Methods), (*in Romanian*), *Al XXVIII-lea Simpozion National de Chimie*, 4 -6 octombrie, Calimanesti-Caciulata, 2004, S4-273
33. **Lucian Copolovici**, Simona Bungau, Felicia Dragan, **Thiamine determination from medicines using gas chromatography**, *A 4-a Conferinta Procese Izotopice si moleculare*, 22-24.september, Cluj-Napoca, 2005, P. 5.
34. **Lucian Copolovici**, **Effects of low-molecular organic compounds and salt content on partitioning equilibrium of monoterpene at water – air and water- lipid phases interfaces**, *VOCBAS workshop*, Julich, Germany, 13-15 June 2006.
35. Felicia Dragan, **Lucian Copolovici**, Ioan Bratu, **Determinarea constantei de stabilitate a metoprololului si atenololului in β -ciclodextrina**, *Al XXIX-lea Simpozion National de Chimie*, 4 -6 octombrie, Calimanesti-Caciulata, 2006, p. 391
36. **Lucian Copolovici**, Willy Maenhaut, **Determinarea acizilor dicarboxilici din probe de aer prin cromatografie de schimb ionic**, *Al XXIX-lea Simpozion National de Chimie*, 4 -6 octombrie, Calimanesti-Caciulata, 2006, p. 409

37. **Lucian Copolovici**, Willy Maenhaut, **Semivolatil Behaviour of Dicarboxylic acids at Rural (K-puszta, Hungary) and Urban (Gent, Belgium) Sites**, 10th Edition of *Academic Days*, Timisoara, Romania, May 24-25, 2007, o1 (participant)
38. **Lucian Copolovici**, Vito Lippolis, Cristian Silvestru, **Mesityltellurium(II) Iodide, Tellurium(II) Diiodide and Selenium(II) Diiodide Complexes with [Ph₂P(E)]₂NH (E = S, Se)**, 10th Edition of *Academic Days*, Timisoara, Romania, May 24-25, 2007, P4 (participant)
39. **Lucian Copolovici**, Vito Lippolis, Cristian Silvestru, **Synthesis and Characterization of New Compounds Containing the -Se-Se- Bridge**, *Tenth International on the Chemistry of Selenium and Tellurium*, Lodz, Poland, 21-29 June 2007 (participant)
40. **Lucian Copolovici**, Cristian Silvestru, Varga Richard, **Synthesis, characterization and crystal structures of new hypervalent organotellurium compounds**, *XVII EuChemMS Conference on Organometallic Chemistry*, 1.09-6.09 Sofia, Bulgaria, 2007, (participant)
41. Merje. Toome, Steffen Noe, **Lucian Copolovici**, **Emission of willow challenged with leaf rust fungus**, *ESF VOCBAS Science Conference*, 14.01 – 17.01, Taagepera, Estonia, 2009 (participant)
42. **Lucian Copolovici**, Irina Bichele, Ulo Niinemets, **LOx products emission from plants induced by stress conditions. A comparison between different species**, *ESF VOCBAS Science Conference*, 14.01 – 17.01, Taagepera, Estonia, 2009 (participant)
43. Irina Bichele, **Lucian Copolovici**, Ulo Niinemets, **The burst of volatile products of the lipoxygenase pathway is related to membrane damage and programmed cell death in leaves exposed to extreme high temperatures**, *ESF VOCBAS Science Conference*, 14.01 – 17.01, Taagepera, Estonia, 2009 (participant)
44. Andrea Ghirardo, **Lucian Copolovici**, Seffen Noe, Joerg-Peter Schnitzler, Ulo Niinemets, **BVOCs emission under chilling and hot stresses in poplar trees**, *ESF VOCBAS Science Conference*, 14.01 – 17.01, Taagepera, Estonia, 2009 (participant)
45. Zhihong Sun, **Lucian Copolovici**, Ulo Niinemets, **Foliar methanol and isoprene emissions during autumn senescence in aspen (*Populus tremula*)**, *ESF VOCBAS Science Conference*, 14.01 – 17.01, Taagepera, Estonia, 2009 (participant)
46. **Lucian Copolovici**, Ulo Niinemets, **Flooding induced emissions of volatile signaling compounds in species with differing waterlogging tolerance**, *Plant Abiotic Stress-from signaling to development, 2nd meeting of INPAS*, 14.05-17.05, Tartu, Estonia, 2009, p. 51 (participant)
47. Irina Bichele, **Lucian Copolovici**, Ulo Niinemets, **Heat shock induce membrane damage, volatiles emission of methanol and lipoxygenase pathway, and programmed cell death in intact leaves**, *Plant Abiotic Stress-from signaling to development, 2nd meeting of INPAS*, 14.05-17.05, Tartu, Estonia, 2009, p. 47 (participant)

48. Boy Possen, Mikko Anttonen, **Lucian Copolovici**, Juha Heiskanen, Katri Kostianen, Sari Kontunen-Soppela, Ülo Niinemets, Elina Oksanen, Matti Rousi, Elina Vapaavuori, **Genetic variation in biomass accumulation within a Silver birch (*Betula pendula* Roth) population**, *8th APGC Symposium: 'Plant Functioning in a Changing Global and Polluted Environment*, Groningen, Netherlands, June 8, 2011
49. Virginia Coman, Florina Copaciu, Ocsana Opriş, **Lucian Copolovici**, **Chromatographic analysis of some textile dyes from wastewater samples and their effect over the nonvolatile secondary metabolites of wheat and rye**, „*29th International Symposium on Chromatography*”, 9-12 Septembrie 2012, Torun, Poland
50. **Lucian Copolovici**, Ülo Niinemets, Astrid Kännaste, Andreea Pag, Adina Bodescu, Daniel Tomescu, **The identification and atmospheric role of volatile compounds emitted by plants in stress conditions**, *9th Conference of Environmental Legislation, Safety Engineering and Disaster Management*, Cluj-Napoca, Romania, 25-27.10.2012 (*participant*)
51. **Lucian Copolovici**, Astrid Kännaste, Ülo Niinemets, **Determination of terpene emissions and contents from stress plants using gas chromatography**, *Centenary of Education in Chemical Engineering*, Iasi, 28-30 November 2012 (*participant*)
52. Andreea Pag, Daniel Tomescu, Adina Bodescu, Astrid Kännaste, Trinu Rimmel, Ülo Niinemets and **Lucian Copolovici**, **Emission of volatiles organic compounds from stressed plants**, *International Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 08.11-09.11 2012, (*participant*).
53. Adina Bodescu, Andreea Pag, Daniel Tomescu, **Lucian Copolovici**, **Analytical method for determination of Biogenic Volatile Organic Compounds**, *International Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 08.11-09.11 2012 (*participant*).
54. **Lucian Copolovici**, Identificarea și rolul în atmosferă a compușilor volatili emiși de plante în condiții de stres, *Conferința Internațională „Practici și Experiențe în Protecția Mediului” în cadrul targului Ecomediu*, Arad, 16-18 Octombrie 2013 (*participant*).
55. **Lucian Copolovici**, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Adina Bodescu, Ülo Niinemets, **Volatile organic compound emissions from *Betula verrucosa* under flooding and drought stresses**, *Environment & Progress 2013*, Cluj-Napoca, 25 Octombrie 2013 (*participant*).
56. Steffen M Noe, Katja Hüve, Ülo Niinemets, **Lucian Copolovici**, **Spatial and seasonal variation in volatile compounds air concentrations in a hemiboreal mixed forest**. *EGU General Assembly 2013*, (*Geophysical Research Abstracts*; 15).
57. Eve Veromann, Merje Toome, Astrid Kännaste, Riina Kaasik, **Lucian Copolovici**, Jaak Flink, Gabriella Kovács, Lea Narits, Anne Luik, Ülo Niinemets, **Effects of nitrogen fertilization on insect pests, their parasitoids, plant diseases and volatile organic**

compounds in *Brassica napus*. In: Future IPM in Europe (on USB stick): Future IPM in Europe, 19-21.03.2013, Riva del Garda, Italy

58. **Lucian Copolovici**, Pag Andreea, Astrid Kännaste, Daniel Tomescu, Adina Bodescu and Ülo Niinemets, **Volatiles Organic Compounds and Their Roles in Plants Defense**, 13th Edition Timisoara's Academic Days, 13-14 June, Timisoara, Romania 2013, (participant)

59. M. Stan, M.L. Soran, C. Varodi, I. Lung, **L. Copolovici**, C. Măruțoiu, **Extraction and gas chromatographic determination of essential oils from three plant species of the *Apiaceae* family**, International Conference "Processes in Isotopes and Molecules PIM 2013 –24 – 27 September, Cluj-Napoca, Romania

60. Daniel Tomescu, Andreea Pag, Radu Sumalan and **Lucian Copolovici**, **The influence of soil salinity on photosynthetic parameters of *Solanum lycopersicum* L. plants**, Agri-Food Sciences, Processes and Technologies, Sibiu, 14-15 May, 2014 (participant)

61. **Lucian Copolovici**, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Adina Bodescu, Ülo Niinemets, **Volatile organic compound emissions from *Quercus* genus under abiotic stresses**, Agriculture for Life, Life for Agriculture, Bucharest, 5-7 June 2014 (participant)

62. **Lucian Copolovici**, Astrid Kännaste, Andreea Pag, Daniel Tomescu, Adina Bodescu, Ülo Niinemets, **New Gas Chromatography Mass-Spectrometry Methods used for Trapping and Determination of Volatile Organic Compounds Emitted by Plants**, The 3rd International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences "IC-ANMBES 2014" June 13th – 15th, 2014, Brasov, Romania

63. Manuela Stan, Maria Soran, Ildiko Lung, **Lucian Copolovici**, Maria Trusca, **The influence of microwave fields on volatile organic compounds from three Romanian aromatic plants**, XVI YUCORR, Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection, June 23 - 26, 2014, Tara Mountain, Serbia

64. Manuela Stan, Maria Soran, Ildiko Lung, **Lucian Copolovici**, Constantin Marutoiu, **Microwave fields effect on the essential oils from some aromatic plants**, XVI YUCORR, Meeting Point of the Science and Practice in the Fields of Corrosion, Materials and Environmental Protection, June 23 - 26, 2014, Tara Mountain, Serbia

65. **Lucian Copolovici**, Ülo Niinemets, **Biogenic volatile organic compounds emission and their role in climate change**, 10th Conference of Environmental Legislation, Safety Engineering and Disaster Management, Cluj-Napoca, Romania, 18-19.09.2014 (participant)

66. Dana Copolovici, Andreea Ioana Pag, Felicia Dragan, **Lucian Copolovici**, **Chemical analysis of *Sambucus Ebulus* L. extracts**, 10th Conference of Environmental Legislation, Safety Engineering and Disaster Management, Cluj-Napoca, Romania, 18-19.09.2014 (participant)

67. Adina-Maria Bodescu, Astrid Kannaste, Andreea Pag, Ülo Niinemets, **Lucian Copolovici**, **The influence of temperature stress of biogenic volatile organic compounds emission and photosynthetic parameters for *Quercus robur* trees**, 10th Conference of Environmental

Legislation, Safety Engineering and Disaster Management, Cluj-Napoca, Romania, 18-19.09.2014 (participant)

68. Andreea Ioana Pag, Daniel Tomescu, Astrid Kannaste, Adina Bodescu, Ülo Niinemets, **Lucian Copolovici**, **Volatile organic compound emission from *Quercus robur* under abiotic and biotic stress**, 10th *Conference of Environmental Legislation, Safety Engineering and Disaster Management*, Cluj-Napoca, Romania, 18-19.09.2014 (participant)

69. Daniel Tomescu, Andreea Pag, Adina Bodescu, Astrid Kannaste, Ülo Niinemets, **Lucian Copolovici**, **Volatile organic compounds emissions from *Quercus Robur* under drought stress**, 10th *Conference of Environmental Legislation, Safety Engineering and Disaster Management*, Cluj-Napoca, Romania, 18-19.09.2014 (participant)

70. **Lucian Copolovici**, Astrid Kännaste, **Andreea Pag**, **Daniel Tomescu**, **Adina Bodescu**, Ülo Niinemets, Volatile organic compounds emitted by plants determination using new gas chromatography mass-spectrometry methods, *Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 6-7 Noiembrie 2014.

71. **Andreea Ioana Pag**, **Daniel Tomescu**, Astrid Kännaste, **Adina Bodescu**, Ülo Niinemets, **Lucian Copolovici**, Volatile organic compound emissions from pedunculate oak under abiotic and biotic stress, *Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 6-7 Noiembrie 2014.

72. **Adina Bodescu**, Astrid Kannaste, Andreea Pag, Ülo Niinemets, Lucian Copolovici, The influence of temperature stress on the emission of biogenic volatile organic compounds and photosynthetic parameters of *Quercus robur* trees, *Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 6-7 Noiembrie 2014.

73. Daniel Tomescu, Andreea Pag, Adina Bodescu, Astrid Kännaste, Ülo Niinemets, **Lucian Copolovici**, Volatile organic compound emissions from oak under drought stress, *Symposium Research and Education in Innovation Era, 4th Edition*, Arad, 6-7 Noiembrie 2014.

74. **Lucian Copolovici**, Andreea Pag, Astrid Kannaste, Ülo Niinemets, Monitoring volatile organic compounds emitted by plants using a new gas chromatography mass spectrometry method, *XXXIII-rd Romanian Chemistry Conference*, Calimanesti-Caciulata, 1-3 Octombrie 2014

75. **Lucian Copolovici**, Ulo Niinemets, The temperature effect on terpenes partitioning equilibrium at water-air interface, *National Symposium Environment & Progress*, 29-30 Octombrie 2015, Cluj-Napoca, Romania.

76. **Lucian Copolovici**, Astrid Kännaste, Ülo Niinemets, Environmental impact on volatile organic compounds emission from plants, *International U.A.B. – B.EN.A. Conference*, Mai 28-30th, 2015, Alba Iulia, Romania

77. **Lucian Copolovici**, Adina Bodescu, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Ülo Niinemets, Volatile organic compound emissions and photosynthetic parameters of *Quercus*

Rubra under temperature stresses, *Agriculture for Life, Life for Agriculture* June 4 - 6, 2015, Bucharest, Romania

78. **Lucian Copolovici**, Astrid Kännaste, Leila Pazouki, Ülo Niinemets, The profile of the Secondary Metabolic compounds from *Lycopersicon esculentum* plants in stress conditions, *The RSBMB Anniversary 25th Conference*, 17-18 September, 2015, Bucharest, Romania

79. **Lucian Copolovici**, Ülo Niinemets, Environment affects the plants but the environment could be influenced by compounds emitted by plants?, *11th International Conference ELSEDIMIA "Environmental Legislation, Safety Engineering and Disaster Management" Building Disaster Resilience in a Changing World*, 26-28 May, 2016, Cluj-Napoca, Romania

80. Monica Taschina, **Lucian Copolovici**, The influence of acetaminophen on physiological characteristics and volatile organic compounds in *Phaseolus vulgaris*, *11th International Conference ELSEDIMIA "Environmental Legislation, Safety Engineering and Disaster Management" Building Disaster Resilience in a Changing World*, 26-28 May, 2016, Cluj-Napoca, Romania

81. Dennis N. Iosif, **Lucian Copolovici**, Dana M. Copolovici, Anthropogenic Aromatic Hydrocarbons in Arad Atmosphere, *11th International Conference ELSEDIMIA "Environmental Legislation, Safety Engineering and Disaster Management" Building Disaster Resilience in a Changing World*, 26-28 May, 2016, Cluj-Napoca, Romania

82. Dana M. Copolovici and **Lucian Copolovici**, Volatile Organic Compounds Emission from Cars Indoor and Their Implication to Human Health, *11th International Conference ELSEDIMIA "Environmental Legislation, Safety Engineering and Disaster Management" Building Disaster Resilience in a Changing World*, 26-28 May, 2016, Cluj-Napoca, Romania

83. **Lucian Copolovici** and Ulo Niinemets, Environmental effect on emission of volatile organic compounds from plants, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2016, Bucharest, Romania

84. Dana Copolovici, Dana Radu, Georgeta Pop, **Lucian Copolovici**, Chemical analysis and antimicrobial activity of *Lavandula officinalis* L. essential oils, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2016, Bucharest, Romania

85. **Lucian Copolovici**, Ülo Niinemets, New insights into volatile organic compounds emissions and climate change, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania

86. Denissa A. Pop, Alina Ban, **Lucian Copolovici**, Dana Copolovici, Chromatographic analysis of some food products, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania

87. Adina Bodescu, Daniel Tomescu, Andreea Pag, **Lucian Copolovici**, The influence of drought on Timis County forest, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania

88. **Lucian Copolovici**, Dumitru Condrat, Nicolae Dinca, Thermochemical data obtained by quantum chemical calculation for identification by differential mass spectrometry of some biologically active compounds from lavender oil, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania
89. Dumitru Condrat, Dana Copolovici, Lucian Copolovici, Analysis of anthocyanidins in *Crataegus monogyna* and *Rosa canina* ethanolic extracts, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania
90. Dennis N. Iosif, Lucian Copolovici, Dana Copolovici, Determination of atmospheric pollutants in Arad city, *6th International Symposium Research and Education in Innovation Era*, December 08-10, 2016, Arad, Romania
91. **Lucian Copolovici** and Ulo Niinemets, Increasing of CO₂ concentration: good or bad effect on the environment? The XXXIV-th Romanian Chemistry Conference, 4 -7 octombrie, Calimanesti-Caciulata, 2016.
92. Dana M. Copolovici, Denissa A. Pop, Alina M. Ban, **Lucian Copolovici**, Chemical analysis of italian and portuguese cheese, The XXXIV-th Romanian Chemistry Conference, 4 -7 octombrie, Calimanesti-Caciulata, 2016.
93. **Lucian Copolovici**, Ioana Faur, Adelina Ban, Dana Copolovici, The influence of the acidic rain chemical composition on volatile organic compounds emission and photosynthetic parameters of the *Phaseolus vulgaris L.* plants, International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, May 25-27th, 2017.
94. Dana Copolovici, Denissa A. Pop, Alina M. Ban, **Lucian Copolovici**, Variation of the chemical composition of diverse types of cheese, International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, May 25-27th, 2017.
95. Cristian Moisa, Lucian Copolovici, Georgeta Pop, Dana Copolovici, An overview of the chemical composition and biological activity of volatile oil obtained from *Satureja montana L.*, International U.A.B. – B.E.N.A. Conference Environmental Engineering and Sustainable Development, Alba Iulia, Romania, May 25-27th, 2017.
96. Andreea I. Lupitu, **Lucian Copolovici**, Georgeta Pop, Dana Copolovici, Chromatographic analyses of essential oils obtained from different plant species cultivated in Romania”, 10th Edition of New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection, 8-9 June 2017, Timișoara, Romania

97. **Lucian Copolovici**, Ioana Faur, Adelina Ban, Dana Copolovici, The influence of simulated acidic rain on plants volatile organic compounds emission and photosynthetic parameters, *Agriculture for Life, Life for Agriculture*, June 8 - 10, 2017, Bucharest, Romania
98. Monica Taschina, Daniela Timis, **Lucian Copolovici**, Dana Copolovici, The influence of antipyretic drugs on physiological parameters and volatile organic compounds emission from plants, *Agriculture for Life, Life for Agriculture*, June 8 - 10, 2017, Bucharest, Romania
99. 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, *Agriculture for Life, Life for Agriculture*, June 8 - 10, 2017, Bucharest, Romania
100. Dennis N. Iosif, **Lucian Copolovici**, Dana M. Copolovici, Determination of BTEX in urban area of Arad, Romania, *Agriculture for Life, Life for Agriculture*, June 8 - 10, 2017, Bucharest, Romania
101. Dana M. Copolovici, Daniana E. Vasiliu, **Lucian Copolovici**, Determination of chemical composition of some Romanian sausages, *Agriculture for Life, Life for Agriculture*, June 8 - 10, 2017, Bucharest, Romania
102. **Lucian Copolovici**, Ioana Faur, Adelina Ban, Dana Copolovici, The influence of acidic rain pH and composition of plants secondary metabolites, The 16th International Symposium” Prospects for the 3rd Millennium Agriculture, 28th– 30th September 2017, Cluj-Napoca, Romania
103. Anca Mot, Andreea Lupitu, **Lucian Copolovici**, Dana Copolovici, Composition, antioxidant and total phenolic content analysis of extracts obtained from (*Tanacetum vulgare* L.) cultivated in Romania, The 16th International Symposium” Prospects for the 3rd Millennium Agriculture, 28th– 30th September 2017, Cluj-Napoca, Romania
104. D.M. Copolovici, L. Lazăr, D.A Pop, A.M. Ban and **L. Copolovici**, Chemical composition of semi-soft, semi-hard and hard types of cheeses, The 16th International Symposium ”Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Romania, 28– 30 Sept. 2017 (prezentare orală).
105. Adina Bodescu, **Lucian Copolovici**, Monitoring of particulate matter (PM10) concentrations in the Western part of Romania, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania

106. Corina Popitanu, Dennis N. Iosif, **Lucian Copolovici**, Dana Copolovici, „Baking” pollutants in atmosphere identified nearby us, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
107. **Lucian Copolovici**, Dumitru Condrat, Nicolae Dinca, Calculated thermo-chemical data for discrimination by differential mass spectrometry of some C₁₀H₁₈O isomers from lavender oil, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
108. Monica Taschina, Dana Copolovici, **Lucian Copolovici**, The influence of ketoprofen on *Phaseolus vulgaris* L. plants, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
109. Andreea Lupitu, Cristian Moisa, Dana Copolovici, **Lucian Copolovici**, Determination of phenolic compounds by UHPLC from different plant sources, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
110. Andreea Lupitu, Cristian Moisa, Dana Copolovici, **Lucian Copolovici**, Secondary metabolites from medicinal and aromatic plants – diversity and applications, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
111. Radu Sumalan, Sorin Ciulca, Sorina Popescu, Florin Bodnarescu, Renata Sumalan, **Lucian Copolovici**, Romanian tomatoes local landraces- valuable food sources for a changing future, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
112. Adriana Csakvari, Andreea Lupitu, **Lucian Copolovici**, Dana Copolovici, Chemical profiles of different plant extracts determined by chromatographic methods, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
113. **Lucian Copolovici**, Dana Copolovici, Andreea Lupitu, Volatile organic compounds emission from plants under climate change pression, *7th International Symposium Research and Education in Innovation Era*, May 17-19, 2018, Arad, Romania
114. **Lucian Copolovici**, Dana Copolovici, The influence of climate change on volatile organic compounds emission from plants, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2018, Bucharest, Romania

115. Dana Copolovici, Loredana Lazar, Denissa Pop, Alina Ban, **Lucian Copolovici**, Profiles of fatty acids and volatile compounds evaluated from different types of cheeses, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2018, Bucharest, Romania
116. Andreea Lupitu, Daniel Tomescu, Claudia Anca Mot, Cristian Moisa, Dana Maria Copolovici, **Lucian Copolovici**, Variation in phenolic content and antioxidant activity of different plant parts of *Primula veris*, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2018, Bucharest, Romania (Best poster award).
117. Cristian Moisa, **Lucian Copolovici**, Andreea Lupitu, Georgeta Pop, Virgiliu Ciutina, Dana Maria Copolovici, Essential oil composition, total phenolic content, and antioxidant activity - determined from leaves, flowers and stems of *Origanum vulgare* L. var. *aureum*, *Agriculture for Life, Life for Agriculture*, June 9 - 11, 2018, Bucharest, Romania (Best poster award).
118. Dana Copolovici, Andreea Lupitu, Cristian Moisa, Nicoleta Mihoc, **Lucian Copolovici**, Chemical characterization, biological activity, and applications of essential oils, *11th Edition of New Trends and Strategies in the Chemistry of advanced materials in biological systems, technique and environmental protection*, Timișoara, Romania, 28-29 Iunie 2018.
119. **Lucian Copolovici**, Dana Copolovici, Andreea Lupitu, Georgeta Pop, Cristian Moisa, The versatility components of essential oils, *The Annual International Conference of the RSBMB*, 5-7 Sept., 2018, Bucuresti, Romania.
120. Cristian Moisa, Andreea I. Lupitu, Dana Maria Copolovici, **Lucian Copolovici**, The influence of phenological stages on the secondary metabolites from thyme and oregano, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
121. **Lucian Copolovici**, Dana Copolovici, Andreea Lupitu, Cristian Moisa, Volatile organic compounds emission from plants under different abiotic stresses, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.
122. Dana Maria Copolovici, Dorina Chambre, Diana Nicoleta Raba, Ionela Alina Ciurel, Camelia Moldovan, **Lucian Octav Copolovici**, Studies regarding the composition and thermo-oxidative stability of the oil extracted from arabica coffee beans at different temperatures, *The*

17th International Symposium Prospects for 3rd Millennium Agriculture, 27th – 29th September, 2018, Cluj-Napoca, Romania.

123. Andreea I. Lupitu, Cristi Moisa, Dana Maria Copolovici, **Lucian Copolovici**, Fatty acids composition of different cold pressed oils, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.

124. Ocsana Opreș, Maria Soran, Ildikó Lung, Alexandra Ciorîță, **Lucian Copolovici**, Changes in foliage photosynthetic characteristics and structure of autochthonous vegetables upon nonsteroidal antiinflammatory drugs exposure, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.

125. Ocsana Opreș, Maria Soran, Ildikó Lung, Alexandra Ciorîță, **Lucian Copolovici**, The influence of nonsteroidal anti-inflammatory drugs on photosynthesis and leaf anatomy of *Atriplex patula L.*, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.

126. Raluca Miclea, Florina Copaciu, **Lucian Copolovici**, Andrea Bunea, Dănuț Mănuțiu, The effects of some ecological substances for the control of the grey mold in tomato cultures, *The 17th International Symposium Prospects for 3rd Millennium Agriculture*, 27th – 29th September, 2018, Cluj-Napoca, Romania.

127. Dana Copolovici, Cristian Moisa, Andreea Pag, Smeurica Schitea, Nicoleta Mihoc, **Lucian Copolovici**, Essential oils and their applications, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.

128. **Lucian Copolovici**, Andreea Pag, Monica Taschina, Cristian Moisa, Dana Copolovici, The effects of different pollutants on plants and ecosystems, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.

129. Andreea Lupitu, Cristi Moisa, Dana Maria Copolovici, **Lucian Copolovici**, Determination of fatty acids contents from different cold pressed oils, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.

130. Cristian Moisa, **Lucian Copolovici**, Georgeta Pop, Andreea Pag, Dana Copolovici, Changes in the chemical composition of some essential oils from lamiaceae family during different phenological stages, *A XXXV-A Conferinta Nationala de Chimie*, 2-5 Octombrie 2018, Calimanesti-Caciulata, Romania.

131. Madalina Tudorache, Sabina Ion, Cristina Opris, Bogdan Cojocaru, Irina Zgura, Aurelian C. Galca, Adina Bodescu, **Lucian Copolovici**, Madalin Enache, Gabriel-Mihai Maria, Vasile Parvulescu, Enzyme one-pot system for the construction of artificial lignin-based composites, *The 8th Tokyo Conference on Advanced Catalytic Science and Technology (TOCAT8)*, August 5-10, 2018, Yokohama, Japan.
132. **Lucian Copolovici**, Andreea Lupitu, Cristi Moisa, Dana Maria Copolovici, Biogenic Volatile Organic Compounds Measurement Techniques - from Leaf to Canopy Level, *4th International Conference on Chemical Engineering*, 31 October – 02 November 2018, Iași, Romania.
133. Dana Maria Copolovici, Dennis Iosif, Corina Popintanu, **Lucian Copolovici**, Investigating the Air Quality We Breath in Romania, *4th International Conference on Chemical Engineering*, 31 October – 02 November 2018, Iași, Romania.
134. Dana Copolovici, Andreea Lupitu, Cristian Moisa, Dana Mot, Silvia Mot, Adina Maria Bodescu, **Lucian Copolovici**, Essential Oils: Background and Uses, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
135. Florentina-Daniela Munteanu, Simona Gavrilaş, **Lucian Copolovici**, Andrea-Raluca Sărsan, Dana-Maria Copolovici, New And Traditional Methods Used for Keratin Extraction from Wool Fibers, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
136. **Lucian Copolovici**, Florentina Munteanu, Cristian Moisa, Dana Copolovici, Volatile Organic Compounds Emission - An Innovative Tool for Plants Stress and Food Characterization, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
137. Simona Gavrilaş, Andrea-Raluca Sărsan, Mihaela Dochia, **Lucian Copolovici**, Dana-Maria Copolovici, Loredana-Nicoleta Lazăr, Florentina-Daniela Munteanu, Natural Dyes Extracted From Food By-Products With Applications for Natural Fiber Dyeing, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
138. Loredana Lazăr, **Lucian Copolovici**, Influence of Drought Stress on Pea Plants (*Pisum Sativum L.*), *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania

139. Cristian Moisa, **Lucian Copolovici**, Georgeta Pop, Andreea Pag, Zina Moisa, Dana Copolovici, The Phenological Stages Influence Against the Chemical Composition of Some Essential Oils Belonging to the Lamiaceae Family, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
140. Andreea Lupitu, Cristian Moisă, Adrian Riviş, Dana Copolovici, **Lucian Copolovici**, Plant Extracts For Human Health, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
141. Claudia Mureşan, Sergiu Palcu, Monica Lungu, Virgil Ciutină, **Lucian Copolovici**, Florentina-Daniela Munteanu, Optimisation of The Fermentation And Distillation Processes for the Production of High Quality Plums Spirits, *8th International Symposium Research and Education in Innovation Era*, May 23-25, 2019, Arad, Romania
142. Cristian Moisă, Andreea Lupitu, **Lucian Copolovici**, Dana Copolovici, Loredana Lazăr, Essential Oils and Phenolic Compounds, Bio-Sources and Their Applications, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, May 28-31, 2019, Bucharest, Romania
143. **Lucian Copolovici**, Cristian Moisă, Andreea Lupitu, Dana Copolovici, The Implication of Plant Extracts in Human Health, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, May 28-31, 2019, Bucharest, Romania
144. Florentina-Daniela Munteanu, **Lucian Copolovici**, Simona Gavrilaş, Andrea-Raluca Sărsan, Loredana-Nicoleta Lazăr, Cristian Moisa, Dorina Chambre, Dana-Maria Copolovici, New approaches for keratin extraction from sheep's wool, *2nd ICGEB Workshop "Modern Biotechnological Advances for Human Health – BAHH*, May 28-31, 2019, Bucharest, Romania
145. **Lucian Copolovici**, Cristian Moisa, Andreea Lupitu, Dana Copolovici, The Influence Of Drought And Flooding Induced By Climate Changes On Plants Development, *Agriculture for Life, Life for Agriculture*, June 6 - 8, 2019, Bucharest, Romania
146. Ramona Lile, **Lucian Copolovici**, Claudia Mureşan, Sergiu Palcu, Monica Lungu, Andreea Lupitu, Cristian Moisa, Dana Copolovici, New Method For Brandy Distillation From Different Fruits, *Agriculture for Life, Life for Agriculture*, June 6 - 8, 2019, Bucharest, Romania
147. Cristian Moisa, **Lucian Copolovici**, Andreea Lupitu, Dana Copolovici, Influence of Phenological Stages on The Chemical Composition of Several Essential Oils Belonging to the

Lamiaceae Family Agriculture for Life, Life for Agriculture, June 6 - 8, 2019, Bucharest, Romania

148. Dana Copolovici, Cristian Moisa, Andreea Lupitu, Smeurica Schitea, Dana Mot, Silvia Mot, **Lucian Copolovici**, Composition And Properties Of Some Essential Oils Obtained In Romania, *Agriculture for Life, Life for Agriculture*, June 6 - 8, 2019, Bucharest, Romania.

149. Ocsana Opreș, Maria-Loredana Soran, Ildikó Lung, Alexandra Ciorîță, **Lucian Copolovici**, Effects of non-steroidal anti-inflammatory drugs on the ultrastructure and composition of autochthonous vegetables. *4th Edition of Global Conference on Plant Science and Molecular Biology*, 19-21 septembrie, 2019, Londra, Marea Britanie.

150. Ocsana Opreș, Alexandra Ciorîță, Maria-Loredana Soran, Ildikó Lung, **Lucian Copolovici**, Changes in composition and ultrastructure of green leafy vegetables after exposure to non-steroidal anti-inflammatory drugs, *12th International Conference Processes in Isotopes and Molecules*, 25-27 septembrie 2019, Cluj-Napoca, România.

151. Ocsana Opreș, Ildikó Lung, Maria L. Soran, Alexandra Ciorîță, **Lucian Copolovici**, The influence of ibuprofen, diclofenac and naproxen on composition and ultrastructural characteristics of *Atriplex patula* and *Spinacia oleracea*. *ICABBBE 2019: 13th International Conference on Agricultural, Biotechnology, Biological and Biosystems Engineering*, 21-22 octombrie, 2019, Atena, Grecia.

152. Andreea Lupitu, Ramona Lile, Cristian Moisa, Dana Copolovici, Virgiliu Ciutina, Adrian Ravis, Lucian Copolovici, Analysis of grape-based spirits macerated with aromatic plants, The 18th International Conference Life Sciences for Sustainable Development, 26-28 September 2019, Cluj-Napoca, Romania

Arad, 18.09.2019

Prof. Dr. Habil. Lucian Copolovici