



Curriculum vitae Europass



Informații personale

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Naționalitate(-tăți) romana
Data nașterii 13.08.1976
Sex masculin

Experiența profesională

Perioada	Oct 2014-prezent
Funcția sau postul ocupat	Conducator de doctorat asociat la scoala doctorala de Stiinta Mediului
Activități și responsabilități principale	Conducere doctorat
Numele și adresa angajatorului	Facultatea de Stiinta si Ingineria Mediului, Universitatea Babes-Bolyai, Cluj-Napoca
Tipul activității sau sectorul de activitate	Cercetare
Perioada	Oct 2014-prezent
Funcția sau postul ocupat	Profesor
Activități și responsabilități principale	Predare cursuri si activitate de cercetare Ecologie si Protectia Mediului Protectia ecosistemelor Proiect pentru imbunatatirea calitatii mediului
Numele și adresa angajatorului	Facultatea de Inginerie Alimentara, Turism si Protectia Mediului
Tipul activității sau sectorul de activitate	Universitate
Perioada	Oct 2012-Oct 2014
Funcția sau postul ocupat	CS II
Activități și responsabilități principale	Cercetare stiintifica
Numele și adresa angajatorului	Institutul de Cercetare-Dezvoltare-Inovare în Științe Tehnice și Naturale al Universității Aurel Vlaicu, Arad, România
Tipul activității sau sectorul de activitate	Cercetare
Perioada	2011- 2013
Funcția sau postul ocupat	Senior researcher
Activități și responsabilități principale	Cercetare stiintifica
Numele și adresa angajatorului	Department of Plant Physiology, Estonian University of Life Science, Tartu, Estonia
Tipul activității sau sectorul de activitate	Universitate
Perioada	2008-2011

Funcția sau postul ocupat	Researcher
Activități și responsabilități principale	Cercetare stiintifica
Numele și adresa angajatorului	Department of Plant Physiology, Estonian University of Life Science, Tartu, Estonia
Tipul activității sau sectorul de activitate	Universitate
Perioada	2007-2008
Funcția sau postul ocupat	Exceptional researcher
Activități și responsabilități principale	Cercetare stiintifica
Numele și adresa angajatorului	Department of Plant Physiology, Estonian University of Life Science, Tartu, Estonia
Tipul activității sau sectorul de activitate	Universitate
Perioada	2006-2007
Funcția sau postul ocupat	Cercetator postdoctoral
Activități și responsabilități principale	cercetare
Numele și adresa angajatorului	Universitatea Babes-Bolyai, Cluj-Napoca, Romania
Tipul activității sau sectorul de activitate	Universitate
Perioada	2005-2006
Funcția sau postul ocupat	Post-doctoral researcher
Activități și responsabilități principale	cercetare
Numele și adresa angajatorului	Ghent University, Department of Analytical Chemistry, Institute of Nuclear Science, Ghent, Belgium
Tipul activității sau sectorul de activitate	cercetare
Perioada	2004-2005
Funcția sau postul ocupat	Exceptional researcher
Activități și responsabilități principale	cercetare
Numele și adresa angajatorului	Tartu University, Tartu, Estonia
Tipul activității sau sectorul de activitate	Universitate

Educație și formare

Perioada	2014
Calificarea / diploma obținută	abilitare
Disciplinele principale studiate / competențe profesionale dobândite	Stiinta mediului
Numele și tipul instituției de învățământ / furnizorului de formare	Prin OM 166/07.04.2014
Perioada	1999-2003
Calificarea / diploma obținută	doctor
Disciplinele principale studiate / competențe profesionale dobândite	Științe exacte specialitatea chimie
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea Babes-Bolyai, Cluj-Napoca, Romania
Perioada	1998-1999
Calificarea / diploma obținută	Studii aprofundate
Disciplinele principale studiate / competențe profesionale dobândite	Electrochimie aplicata

Numele și tipul instituției de învățământ / furnizorului de formare
Universitatea Babes-Bolyai, Cluj-Napoca, Romania

Perioada
1994-1998

Calificarea / diploma obținută
Licența

Disciplinele principale studiate / competențe profesionale dobândite
Chimie Fizica

Numele și tipul instituției de învățământ / furnizorului de formare
Universitatea Babes-Bolyai, Cluj-Napoca, Romania

Aptitudini și competențe personale

Limba(i) maternă(e)
Romana

Limba(i) străină(e) cunoscută(e)

Autoevaluare
Nivel european (*)

Limba

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
B	Engleza	B	Engleza	B	Engleza	B	Engleza	B	Engleza

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Competențe și aptitudini organizatorice

Director de proiect:

1. *Speciation of water-soluble organic carbon and determination of major water-soluble inorganic species in atmospheric aerosols by means of ion chromatography*. Grant SPO for Est European researchers from Belgium Government, Valoarea de finanțare: 20000 EUR,
2. *Determination of monoterpene physico-chemical characteristics*, Grant European Science Foundation, Reference number 815, valoare de finanțare 2400 EUR.
3. *Physico-chemical traits of and signalling by volatile compounds*, Estonian Science Foundation Grant JD 101, valoare de finanțare 75 415 EUR.
4. *Sesquiterpene emission from plants induced by stress conditions*, Grant European Science Foundation Reference number 1838, valoare de finanțare: 3000 EUR .
5. *Compusi volatili emisi de plantele din familiile Betulacea si Fagacea indusi in tipul stresului biotic si abiotic*, Grant PNII-RU-TE-2011-3-0022 , valoare de finanțare: 920000 RON

Membru in echipa de proiect la 12 proiecte

Membru in echipa de management

Centru de Cercetare în Științe Tehnice și Naturale, Proiect POSCCE- O.2.2.1, 2014-2015, Director: CS I Dr. Cecilia Sîrghie, valoare de finanțare 13 000 000 RON.

Noi nano-arhitecturi de inspirație biologică de tip celular pentru circuite integrate, Proiect POC 30/2016, 2016-2020, Director: Prof. Dr. Valeriu Beiu, valoare de finanțare: 9.000.000 RON

Supervizor pentru 7 teze de licență și două de master

Lider al cursului: "Methods and analytical techniques used for measuring Biogenic Volatile Organic Compounds (BVOC) emission from plants"- ATMOSPHERE-BIOSPHERE STUDIES (ABS) master studies la Estonian University of Life Sciences, Tartu, Estonia

Referent pentru UEFISCDI, ANCSI, Bulgaria Science Foundation;

Referent: pentru "Annals of Forest Science", "Environmental Pollution", "Tree Physiology", "Atmospheric Environment", "Biogeosciences", "PNAS", "Mini-Reviews in Medicinal Chemistry", "Science of the Total Environment", "Journal of Planar Chromatography", "Anthropod-Plant Interactions", "Journal of Chemical Engineering", "Australian Journal Crop Science", "Textile Research Journal", "Global Change Biology", "Food Chemistry", "Analytical Letters", PLOSOne etc.

Membru in comitetul editorial al Journal of Natural Science, Science PG, Scientific Bulletin of Escorena

Membru senat UAV (din 2016)

Membru CNATDCU in comisia ingineria mediului (din 2016)

Competențe și aptitudini tehnice

Spectrometrie (UV/VIS, IR), cromatografie de gaze (FID, MS), de lichide, de schimb ionic, PTR-MS, RMN, tehnici Schlenk, tehnici de schimb de gaze

Competențe și aptitudini de utilizare a calculatorului	Windows, Open Office, Origin, Prism, NIST, SigmaPlot etc
Permis(e) de conducere	Categoria B
Informații suplimentare	54 articole ISI publicate Nr de citari = 686 , h index 18 92 prezentari la conferinte de specialitate (nationale si internationale) 7 carti 2 capitole de carte in editura internationala 17 articole in alte reviste (12 BDI)
Anexa	Lista lucrari publicate

Arad, 08.05.2017

Prof. Dr. Hab. Lucian Copolovici

Lista publicatiilor

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. = 3.578).
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. = 0.538).
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. = 3.578).
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. = 0.538).
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. = 0.538).
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. = 0.538).
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. = 1.329).
8. **Lucian Copolovici**, Iolanda Filella, Joan Llusia, 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. = 7.394).
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. = 3.499).
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. = 3.499).
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. = 0.535).
12. **Lucian Copolovici**, Richard A. Varga, Vito Lippolis, Cristian Silvestru, Bis(tetraphenyl-imido-diphosphine acid) tri-iodide, *Acta Crystallogr.*, **2007**, E63, o4206-o4207.
13. **Lucian Copolovici**, Vilma Bojan, Cristian Silvestru, Richard A. Varga, 1-Bromo-2,6-bis(*N*-methylpiperazinylmethyl)benzene, *Acta Crystallogr.*, **2007**, E63, o4323.
14. **Lucian Copolovici**, Vilma Bojan, Cristian Silvestru, Richard A. Varga, 1-Bromo-2,6-bis(*N*-morpholinylmethyl)benzene, *Acta Crystallogr.*, **2007**, E63, o4570.
15. **Lucian Copolovici**, Ioan Baldea, Kinetics of the Phenol Oxidation by Permanganate in Acidic Media, *Rev. Roum. Chem*, **2007**, 52, 1045 – 1050 (I.F. = 0.393).
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. = 2.405).
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. = 7.394).
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. = 5.481).
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. = 0.136).
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. = 5.906).
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. = 3.376).
22. **Lucian Copolovici**, Ioan Baldea, Kinetics of the phenol oxidation by permanganate in acidic media. The intermediate oxidized species 4,4'-biphenylquinone evolution, *Studia Univ. Babeş-Bolyai, Chem.*, **2010**, 55(2), 155-167 (I.F. = 0.136).
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. = 0.136).
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. = 3.440).
25. **Lucian Copolovici**, Astrid Kannaste, Triinu Remmel, 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. = 2.239).
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. = 2.667).

27. Ülo Niinemets, Uwe Kuhn, Peter C. Harley, Michael Staudt, Almut Arneith, 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. = 3.753).
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. = 2.507).
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. = 2.770).
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. = 5.298).
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. = 8.224).
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. = 1.539).
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. = 2.482).
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. = 1.685).
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. = 3.405).
36. Magdalena Tomás, Jaume 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. = 5.794).
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. = 3.003).
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. = 3.637).
39. **Lucian Copolovici**, Astrid Kännaste, Triinu Remmel, 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. = 3.003).
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. = 3.534).
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. = 2.770).
42. **Lucian Copolovici**, Fred Väärtnõu, Miguel Portillo Estrada, Ülo Niinemets, Oak powdery mildew (*Erysiphe alphitoides*) induced volatile emissions scale with the degree of infection in *Quercus robur*, *Tree Physiology*, **2014**, 34, 1399-1410 (I.F. = 3.405).
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. =3.185).
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. = 0.512).
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. = 1.869).
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. =0.833).
47. **Lucian Copolovici**, Ulo Niinemets, Temperature dependencies of Henry's law constants for different plant sesquiterpenes, *Chemosphere*, **2015**, 138, 751-757 (I.F. = 3.499).
48. Florina Copaciu, Ocsana Opriş, 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. = 1.685).

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. = 6.169).
50. Ildikó Lung, Maria-Loredana Soran, Ocsana Opreș, Mihail Radu Cătălin Trușcă, 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. = 3.976).
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. = 5.393).
52. Daniel Tomescu, Radu Șumălan, **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. = 0.814).
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. = 3.003).
54. Dana Copolovici, Simona Bungau, Rica Boscencu, Delia Mirela Tit, **Lucian Copolovici**, The Fatty Acids Composition and Antioxidant Activity of Walnut Cold Press Oil, *Rev. Chim. Bucharest*, **2017**, 68, 507-509 (I.F. = 0.538).

Note: I.F. = Impact factor according with ISI Thompson Citation Report 2015

b) 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. Babeș-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. Babeș-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. Babeș-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. "Babeș-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.
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