



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Iuliana Vasian (born Buda)		
Address(es)	30, Fantanele, RO-400294, Cluj-Napoca, Cluj,		
Telephone(s)	040264580165	Mobile:	0040726757918
Fax(es)	040264420441		
E-mail	iulianavasian@yahoo.com , iuliana.vasian@ubbcluj.ro		
Marital Status:	married		
Children	2		
Nationality	Romanian		
Date of birth	1976/04/27		
Gender	Female		
Researcher, ID:	C-8010-2012		

Desired employment / Occupational field	Senior Researcher Chemistry, Plant Protection
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Work experience

Dates	Feb. 2005 – present (nov. 2007-nov. 2009 and aug. 2011- aug. 2012 maternity leave)
Occupation or position held	CS III Dr. (Senior Researcher)

Main activities and responsibilities	• Organic chemistry, synthesis of organic compounds, which include natural compounds such as terpenic compounds (isoprenoids) and other compounds with ecomonal functions; • Experience in pheromone chemistry (synthesis and analysis of some pheromone compounds), in chromatography, GC and GC-MS analysis of natural products. Extraction and analysis of volatile compounds with ecomonal functions (bioactive compounds) from plants, insects, etc. • Terpenes and terpenoids chemistry • Synthesis of Pheromone Components for Production of atraLYMON, atraDUP, atraDISPAR, atraSAN, atraCAM, atraNIG, atraBLANC, atraGAM, atraOL, atraTRIF, atraMONOCHAM, atraTETROPIUM, atraCOSSUS, atraNEB, atraCYNIG, atraRUF, atraRET, atraTYP L, atraMAL, atraOCCELAN atraEXCLAM, <i>Agrotis ipsilon</i>, <i>Helicoverpa armigera</i>, <i>Halyomorpha halys</i>., etc.. • New pheromones and attractants composition for atraLYMON, atraDUP, atraDISPAR, atraSAN, atraCAM, atraNIG, atraBLANC, atraCERAS, atraGAM, atraOL, atraTRIF, atraMONOCHAM, atraTETROPIUM, atraCOSSUS, atraNEB, atraCYNIG, atraRUF, atraRET, atraTYP L, atraMAL, atraOCCELAN atraEXCLAM, atraOSGAM, atraHIR, atraMUR, atraXYL, atraPILL, atraSEG, <i>Agrotis ipsilon</i>, <i>Helicoverpa armigera</i>, <i>Halyomorpha halys</i>., etc
Teaching Activities	• I supervise students completing internships at ICCRR – Center for Pheromone Production. • I host and guide visits from students of the Faculty of Chemistry and Chemical Engineering. • I accept high school students for practicums from the “Ana Aslan” Technical College in Cluj-Napoca. • I also mentor Science Olympiad students, coordinated by Professor Daniela Lung.
Name and address of employer	Babes-Bolyai University, Raluca Ripan Institute for Research in Chemistry, 30 Fantanele, RO Cluj-Napoca, Cluj, ROMANIA
Dates	December 2005 - June 2006
Occupation or position held	PhD position (fellow) - Marie Curie Fellowship
Main activities and responsibilities	• Synthesis of natural products with immunomodulators activities • HPLC-separation of natural products from marine animals • NMR- analysis of natural products with immunomodulators activities
Name and address of employer	Università degli Studi di Napoli Federico II - COINOR - Corso Umberto I, 80138, Napoli, Italy
Type of business or sector	Facolta di Farmacia - Department of Chemistry of Natural Substances
Dates	December 2001- February 2005
Occupation or position held	Science Researcher
Name and address of employer	Raluca Ripan Institute for Research in Chemistry, 30 Fantanele, RO Cluj-Napoca, Cluj, ROMANIA
Type of business or sector	ICCRR-Natural Product Laboratory and Pheromone Production Team
Dates	March 2000- December 2001
Occupation or position held	Science Researcher Assistant
Name and address of employer	Raluca Ripan Institute for Research in Chemistry, 30 Fantanele, RO Cluj-Napoca, Cluj, ROMANIA
Type of business or sector	ICCRR-Natural Product Laboratory
Education and training	
Dates	Oct. 2022- 2026
Title of qualification awarded	Engineer
Principal subjects/occupational skills covered	Agronomy/Agriculture
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Agriculture
Level in national or international classification	Engineer in Agronomy
Dates	Oct. 2015- Jun.2017
Title of qualification awarded	MS in Plant Protection, Specialist in Plant Protection

Principal subjects/occupational skills covered	Agronomy/Agriculture – Plant Protection
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Agriculture, Control Laboratory Quality of Environment and Plant Protection
Level in national or international classification	MS in Agronomy
Dates	Nov. 2000- Oct.2006
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Science: Chemistry/Forestry/Farmacology
Name and type of organisation providing education and training	Babes-Bolyai University from Cluj-Napoca, 11 Arany Janos, Cluj-Napoca, Cluj, Romania
Title of doctoral thesis	ECOMONES IN PLANTS PROTECTION. GLYCOLIPID ANALOGUES WITH IMMUNOMODULANT ACTIVITY
Advisor	Prof. Dr. Ioan Oprean
Level in national or international classification	Doctor in Science, Chemistry
Dates	Nov. 1999- Jun. 2000
Title of qualification awarded	MS in Chemistry
Principal subjects/occupational skills covered	Chemistry/ Organic chemistry
Name and type of organisation providing education and training	Babes-Bolyai University from Cluj-Napoca, 11 Arany Janos, Cluj-Napoca, Cluj, Romania
Level in national or international classification	MS in Chemistry
Dates	oct. 1995- jun. 1999
Title of qualification awarded	licensed
Principal subjects/occupational skills covered	Chemistry/ Organic chemistry
Name and type of organisation providing education and training	Babes-Bolyai University from Cluj-Napoca, 11 Arany Janos, Cluj-Napoca, Cluj, Romania
Level in national or international classification	Degree in Chemistry
Dates	Nov. 1990- Jun. 1994
Title of qualification awarded	Baccalaureate
Principal subjects/occupational skills covered	Food Industry
Name and type of organisation providing education and training	High School of Food Industry, Cluj-Napoca, Cluj, Romania
Level in national or international classification	High school graduate
Personal skills and competences	
Mother tongue(s)	Romana

Other language(s)

Self-assessment

European level (*)

English

Italian

Russian

English, Italian, Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Computer skills and competences

good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); Adobe Illustrator™, PhotoShop™; ChemDraw Ultra, ChemWindow, Internet explorer, Mozilla Firefox...etc.... work, (leisure activities)

Artistic skills and competences

Sewing on canvas (leisure activities)

Driving license

Yes

Additional information

Membership of scientific societies:

- Romanian Society of Chemistry, Bucharest Romania
- Summer Scholl 1999 **Macromolecular Chemistry**- la UBB- Facultatea de Chimie și Inginerie Chimică;

28 Articles

- **18 Articles** ISI ac. Web of science
- **13 Articles** BDI

BOOKS

- **2 Scientific Books (first author)**

Patents

- **1 PATENT RO, 2019**

Conference Proceedings

- **7 national and international conference proceedings**

Conference abstracts

- **26 national and international conference abstracts**

Citations

- **73 Citations** ac. Google Scholar
- **45 Citations** ac. Research Gate
- **24 Citations** ac. Web of science
- **20 Citations** ac. Scopus

Research Impact

- **5 h-index** ac. Google Scholar
- **3 h-index** Research Gate
- **3 h-index** ac. Web of science
- **3 h-index** ac. Scopus

Additional Courses and Trening

- **Sept 1999 Macromolecular Chemistry**, "Babes Bolyai" University, Faculty of Chemistry and Chemical Engineering, Department of Organic Chemistry, Cluj-Napoca

Specializations qualifications:

- European Projects Course, **CESO2020-UBB grant writing**, coordinator: RAZVAN MIRCEA CHERECHES, march 2022-July 2022
- Marie Curie PhD grant at the University of Studies Federico II from Naples, **Faculty of Pharmacy, Department of Natural Substances, Italy** (6 months: December 2005 – June 2006).

PROJECTS:

MANAGER: Iuliana Vasian

Institutional Project:

- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: Field assessment of synthetic attractants and traps for the cerambycid beetles *Tetropium castaneum* (L.) and *Tetropium fuscum* (F.) in the Eastern Carpathians, Romania 2025, 2029 lei
- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: Alkenyl pheromones: Raman spectroscopic analysis, DFT modeling, and machine learning for stereoisomerism evaluation 2025, 3532 lei
- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: Alkenyl pheromones: Green Synthesis, Formulation and Test Field of *Lymantria monacha* L. (Lepidoptera: Lymantriidae) Sex Pheromone in East European Region 2025, 1766 lei
- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: SINTEZA DIASTEREOSELECTIVA A (8E,10Z)-TETRADECA-8,10-DIENALULUI, FEROMONUL SEXUAL AL MINATOAREI *Cameraria ohridella* (LEPIDOPTERA: GRACILLARIIDAE), 2022, 494 lei
- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: Potential for Attractive Semiochemical Lures in *Rhagoletis cerasi* (L.) Management: A Field Study, 2018, 232 lei
- Manager project:** Institutional Project - Programs to support research-competitiveness-excellence
Title: Widespread Distribution of *Trypodendron laeue* in the Carpathian Mountains (Romania), 2018, 1857 lei

National Projects:

- Manager project:** TD 2003-2005 **Title:** COMBATEREA ECOLOGICĂ A UNOR DĂUNATORI DIN PĂDURILE DE CONIFERE, UBB CLUJ-NAPOCA, 85000 LEI;

MEMBER:

- ORIZONT 2000 17.4-C7** (Manager: **IOAN OPREAN**): Biocide ecologice cu funcție ecomonală 1996-2001, Institutul de Cercetări în Chimie Raluca-Ripan Cluj-Napoca
- RELANSIN C-1207** (Manager: **IOAN OPREAN**): Compuși biomimetici cu aplicabilitate în protecția ecosistemelor, 2000-2001, Institutul de Cercetări în Chimie Raluca-Ripan Cluj-Napoca
- BIOTECH C-26** (Manager: **IOAN OPREAN**): Compuși ecomonali cu aplicabilitate în strategii ecologice de combatere a dăunătorilor din silvicultură, 2000-2002, Institutul de Cercetări în Chimie Raluca-Ripan Cluj-Napoca
- BIOTECH C-3300** (Manager: **IOAN OPREAN**): Biomonitorizarea cu ajutorul feromonilor sexuali a unor specii defoliatoare din silvicultură, 2003-2005, Institutul de Cercetări în Chimie Raluca-Ripan Cluj-Napoca
- CERES C-4556** (Manager: **IOAN OPREAN**): Studii privind asamblarea topochimică a unor materiale covalente folosind legătura de dihidrogen, 2002-2004, Institutul de Cercetări în Chimie Raluca-Ripan Cluj-Napoca
- BIOTECH 97/2006** (Manager: **GROSU ION**): „Alcaloizi steroidici din *Solanaceae*, triterpene din *Ericaceae* și uleiuri volatile din *Lamiaceae* indigene pentru industria farmaceutică, alimentară și cosmetică” – 2006-2008, Universitatea Babeș-Bolyai din Cluj-Napoca
- CERES – 2Cex06-11-60/2006** (Manager: **SILAGHI-DUMITRESCU LUMINITA**): „Reactivi și intermediari organometalici în sinteze stereocontrolate de derivați cu relevanță biologică” – 1200000 RON, 2006-2008, Universitatea Babeș-Bolyai din Cluj-Napoca

Rewriter publications:

- *Synthetic communication*: 1 article reviewed
- *Forests*:
- MDPI journals, etc.

Annexes

List of publication

Data: 15-07-2026

CS III Dr. Iuliana Vasian

List of publications

Journal articles (ISI)

1. Toma, D., Tötös, Ş., **Vasian, I.**, Balacenoiu, F. (2026). Optimizing monitoring strategies for *Lamprodila festiva* L. (Buprestidae, Coleoptera): Insights from a two-year field study. *Annals of Forest Research*, 69(1), 171–182. Q2; IF: 2.5.
2. Olenici, N.; **Vasian, I.** (2025). Field assessment of synthetic attractants and traps for the cerambycid beetles *Tetropium castaneum* (L.) and *Tetropium fuscum* (F.) in the Eastern Carpathians, Romania. *Annals of Forest Research*, 68(1), Q2; IF: 2.5.
3. **Vasian, I.**; Duduman, M.-L.; Gal, E.; Pîrnău, A.; Gorgan, M. (2025). Green synthesis, formulation and field test of *Lymantria monacha* L. (Lepidoptera: Lymantriidae) sex pheromone in the East European region. *International Journal of Molecular Sciences*, 26(2), 568. Q1; IF: 5.6.
4. **Vasian, I.**; Berghian-Grosan, C. (2025). Alkenyl pheromones: Raman spectroscopic analysis, DFT modeling, and machine learning for stereoisomerism evaluation. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 330, 125720. Q2; IF: 4.8.
5. Georgescu, E.; **Vasian, I.***; Toader, M.; Cană, L.; Tötös, Ş. M.; Gorgan, M. (2022). New data concerning the evolution of the European sunflower moth (*Homoeosoma nebulellum* Den. & Schiff.) in sunflower crops in the south-east of Romania. *Scientific Papers. Series A. Agronomy*, 65(1), 334–341. Q4; IF: –.
6. **Vasian, I.**; Florian, T.; Nan, A.; Gal, E.; Gorgan, M.; Tötös, Ş. M.; Florian, V.; Oltean, I. (2021). Diastereoselective synthesis of (8E,10Z)-tetradeca-8,10-dienal, the sexual pheromone of the horse-chestnut leaf-miner *Cameraria ohridella* (Lepidoptera: Gracillariidae). *Studia UBB Chemia*, 66(4), 205–224. Q4; IF: 0.558.
7. Floricel, M.; Mitrea, I.; Oltean, I.; Florian, T.; Varga, M. I.; **Vasian, I.**; Florian, V. C.; Hulujan, I. B. (2018). The testing of some products in order to monitor the *Cameraria ohridella* Deschka-Dimić species (Lepidoptera: Gracillariidae). *AgroLife Scientific Journal*, 7(2), 52–60. Q4; IF: –.
8. Florian, T.; Macavei, L. I.; Hulujan, I. B.; **Vasian, I.**; Tötös, Ş.; Gorgan, M.; Oltean, I.; Florian, V. (2018). Testing of semiochemical products in monitoring and control of *Rhagoletis cerasi* L. *AgroLife Scientific Journal*, 7(1), 61–68. Q4; IF: –.
9. Tötös, Ş.; **Vasian, I.**; Gorgan, M.; Tötös, R.; Lar, C. (2018). Efficient synthesis of (5Z,7E)-dodecadienal, the sex pheromone of the European pine moth *Dendrolimus pini*. *Revue Roumaine de Chimie*, 63(4), 315–319. Q3; IF: 0.37.
10. Olenici, N.; Duduman, M.-L.; Isaia, G.; Knížek, M.; **Vasian, I.** (2018). Widespread distribution of *Trypodendron laeve* in the Carpathian Mountains (Romania). *Forests*, 9, 286. <https://doi.org/10.3390/f9060286>. Q1; IF: 1.956. (Citations: 1.)
11. Macavei, L. I.; Oltean, I.; **Vasian, I.**; Florian, T.; Varga, M. I.; Băeţan, R.; Mitre, V.; Maistrello, L. (2018). Potential for attractive semiochemical lures in *Rhagoletis cerasi* (L.) management: A field study. *Journal of the Entomological Research Society*, 20(1), 1–9. Q3; IF: 0.293.
12. **Vasian, I.**; Pop, A. (2016). A facile trans-reduction of inactivated alkynes with lithium aluminum hydride and lithium iodide. *Revista de Chimie (Bucharest)*, 67(10), 1948–1951. Q3; IF: 1.232.
13. **Vasian, I.**; Pop, A.; Manea, A. I.; Oprean, I. (2015). New studies about identification of some ecomonal compounds for attraction of the large pine weevil, *Hylobius abietis*, by GC–MS analysis. *Revista de Chimie (Bucharest)*, 66(2), 205–209. Q3; IF: 0.956.
14. **Vasian, I.**; Totos, Ş.; Oprean, I. (2013). A new synthesis of (E)-10-dodecenyl acetate, the major sex pheromonal component of *Phyllonorycter blancardella*. *Revista de Chimie (Bucharest)*, 64(2), 158–160. Q3; IF: 0.677.
15. Duduman, M.-L.; Vasian, I. (2012). Effects of volatile emissions of *Picea abies* fresh debris on *Ips duplicatus* response to characteristic synthetic pheromone. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 40(1), 308–313. Q3; IF: 0.590.
16. **Vasian, I.**; Oprean, I.; Oprean, L.; Moldovan, B.; Mihalciuc, V. (2007). Synthesis of ipsenol and ipsdienol pheromonic compounds for Scolytidae aggregation. *Revista de Chimie (Bucharest)*, 58(3), 296–299. Q3; IF: 0.261.
17. Maxim, S.; Gansca, L.; Oprean, I.; **Budae, I.** (2002). Exo- and endohormones XXII. Synthesis of methyl (2E,4Z)-2,4-decadienoate, the pheromone synergist of the bark beetle *Pityogenes chalcographus*. *Revue Roumaine de Chimie*, 47(6), 543–544. Q3; IF: 0.262.

18. Gansca, L.; Gocan, A.; Oprean, I.; Maxim, S.; **Budae, I. (2001)**. Exo- and endohormones XXII. Stereoselective synthesis of the four isomers of 4,7-tridecadien-1-yl acetate; (4E,7Z)-4,7-tridecadien-1-yl acetate, the sex pheromone of the leafminer moth *Phyllonorycter corylifoliella*. *Revue Roumaine de Chimie*, 46(11), 1243–1248. Q3; IF: 0.262.

Journal articles (BDI)

1. Coman, L.; Mara, A.; Bunescu, H.; **Vasian, I.**, Gorgan, M. and Florian, T. (2025) "The role, importance and use of insect pheromones in plant protection", *Hop and Medicinal Plants*, 33(1-2), pp. 1-13. doi: 10.15835/hpm.v33i1-2.15219.
2. Nuszer, H.; Călugăr, A.; Costin, A.; Hakl, U.; Gorgan, M.; **Vasian, I.**; Tötös, Ș.-M.; Oltean, I. (2025). Testing the efficacy of some food trap products in monitoring and controlling *Drosophila suzukii*. *International Journal of Agriculture and Environmental Research*, 11(2), 460–486.
3. Olenici, N.; **Vasian, I. (2024)**. Observații privind activitatea de zbor a gândacilor de *Tetropium castaneum* (L.) și *Tetropium fuscum* (F.) în nordul Carpaților Orientali, România. *Bucovina Forestieră*, 24(2), 119–135.
4. Florian, T.; Popuța, D.; Bunescu, H.; **Vasian, I. (2022)**. Morphological and biological differences between two invasive species *Corythucha ciliata* Say and *Corythucha arcuata* Say (Hemiptera, Tingidae). *Lucrări Științifice – Seria Agronomie (USAMV Iași)*, 65(2), 32–34.
5. Apostol, R.; Florian, T.; Oltean, I.; Gorgan, M.; Totos, Ș.; **Vasian, I. (2020)**. Research on the possibility of using semiochemical products in monitoring the species *Meligethes (Brassicogethes) aeneus* F. *Agricultura*, 115–116(3–4), 17–27.
6. Oltean, I.; Macavei, L. I.; **Vasian, I.**; Tötös, Ș.; Varga, M.; Florian, T. (2018). Use of semiochemical products in monitoring and control of *Epicometis hirta* Poda. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture*, 72(2), 453–456. <https://doi.org/10.15835/buasvmcn-agr:1170>.
7. Macavei, L. I.; Oltean, I.; Florian, T.; Mitre, V.; Oprean, I.; Pop, A.; **Vasian, I. (2015)**. Studies on the flight of *Rhagoletis cerasi* L. adults in treated and untreated plantations in the Cluj-Napoca area. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture*, 72(1), 146–153. <https://doi.org/10.15835/buasvmcn-agr:10612>.
8. Macavei, L. I.; Mitre, V.; Mitre, I.; Oprean, I.; Pop, A.; **Vasian, I.**; Băetan, R.; Oltean, I. (2014). Results regarding the chemical control of European cherry fruit fly (*Rhagoletis cerasi* L.) in cherry orchards from the Cluj area. *Lucrări Științifice – Seria Agronomie*, 57(2), 209–212.
9. Macavei, L. I.; Oltean, I.; Florian, T.; Mitre, V.; Oprean, I.; Pop, A.; **Vasian, I.**; Varga, M. (2013). Preliminary research on the use of pheromones on European cherry fruit fly (*Rhagoletis cerasi* L.). *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture*, 70(1), 107–109.
10. Oprean, I.; Botar, A. A.; Gânscă, L.; **Vasian, I. (2006)**. Synthesis of cis-7,8-epoxy-octadecane, species-specific component of the sex pheromone of nun moth *Lymantria monacha* (Lepidoptera: Lymantriidae). *Studia UBB Chemia*, 51(1), 33–38.
11. **Vasian, I. (2005)**. Research report: Ecological control of some pests of the spruce. *Revista de Politica a Științei și Scientometrie*, special issue. ISSN 1582-1218.
12. Gânscă, L.; Țăutan, L.; Oprean, I.; Maxim, S.; **Vasian, I. (2003)**. Exo- and endohormones XXIII. Synthesis of (–)-trans-verbenol, component of bark beetle aggregation pheromones (Coleoptera: Scolytidae). *Proceedings of the Romanian Academy, Series B*, 3, 91–95.
13. **Budae, I.**; Cristea, I.; Gânscă, L.; Oprean, I.; Maxim, S. (2001). Synthesis of lavandulyl acetate by biomimetic reactions. *Proceedings of the Romanian Academy, Series B*, 3, 199–200.

Books

1. **Vasian, I.**; Oltean, I.; Florian, T. (2020). *Substanțe active utilizate în compoziția insecticidelor, acaricidelor, nematocidelor, rodenticidelor, moluscocidelor și repelenților*. Editura Bioflux. ISBN 978-606-8887-88-3.
2. **Vasian, I.**; Oprean, I.; Florian, T.; Oltean, I. (2018). *Ecomoni utilizați în protecția plantelor*. Editura Bioflux. ISBN 978-606-8887-28-9.

Patents

1. Duduman, M.-L.; **Vasian, I.** (2019). Synthetic bait for the spruce bark beetle, *Ips duplicatus*. RO Patent A01M 1/02. Application: RO129688-A2 (filed August 2014). Approved 2019.

Conference – oral presentation

1. **Vasian, I. (2025)**. Rolul produselor feromonale în managementul integrat al dăunătorilor. *Inovație și Agro-Inteligență în Protecția Plantelor (IAIPP)* – Conferință prilejuită de Ziua Internațională a Sănătății Plantelor, 12 May 2025.

Conference proceedings

1. Mihalciuc, V.; Oprean, I.; **Vasian, I.**; Totos, Ș.; Manea, I.-A. (2010). The effect of attractants on pine bark beetles during 2006–2009 field tests carried out in Romania. In *Methodology of Forest Insect and Disease Survey in Central Europe: Biotic Risks and Climate Change in Forests* (IUFRO WP 7.03.10), Freiburg im Breisgau, Germany, 20–23 September 2010. (Citations: 1.)
2. Mihalciuc, V.; Oprean, I.; **Vasian, I.** (2006). The effect of attractants on pine bark beetles. In *Methodology of Forest Insect and Disease Survey in Central Europe* (Proceedings of the Workshop of the IUFRO WP 7.03.10), Gmunden, Austria, 11–14 September 2006. (Citations: 1.)
3. Mihalciuc, V.; Oprean, I.; **Vasian, I.** (2004). Testing of new sexual attractants for the surveying of *Lymantria monacha* L. populations in Romania. In *Biotic Damage in Forests*, Hungarian Forest Research Institute, Hungary, 12–16 September 2004.
4. Mihalciuc, V.; Oprean, I.; Gansca, L.; Pojar-Feneșan, M.; Balea, A.; Maxim, S.; **Vasian, I.** (2003). Control of the main bark beetles of the spruce with aggregation pheromones. In *International Congress of Biotechnology*, Bucharest, Romania, 2–5 October 2003.
5. Oprean, I.; Gansca, L.; Maxim, S.; **Vasian, I.** (2002). Pheromones and other semiochemicals in integrated pest management. *Annals of “Aurel Vlaicu” University, Chemistry Series – Chemistry and Environment Protection*, 128, Romania.
6. Gansca, L.; Oprean, I.; Maxim, S.; **Vasian, I.** (2002). Studies by mass spectrometry of compounds from the synthesis of the aggregation pheromone of the bark beetle *Ips typographus* (Coleoptera: Scolytidae). *Annals of “Aurel Vlaicu” University, Chemistry Series – Chemistry and Environment Protection*, 68, Romania.
7. **Vasian, I.**; Gansca, L.; Grecu, R.; Maxim, S.; Oprean, I. (2002). Inclusion complexes of some ecomonal compounds with β -cyclodextrin. *Annals of “Aurel Vlaicu” University, Chemistry Series – Chemistry and Environment Protection*, 194, Romania.

Conference abstracts / communications

1. **Vasian, I.**; Buzatu, A.; Tötös, Ș. M.; Iliescu, O.; Gorgan, M.; Paraschivoiu, C. (2025). Preliminary field evaluation of pheromone lures for the monitoring of *Lymantria dispar* (L.) (Lepidoptera: Erebidæ). *Forests' Future 2025: Bark Beetle Outbreak in Central Europe – Consequences and Future Challenges*, Průhonice–Prague, Czech Republic, 22–26 September 2025.
2. **Vasian, I.**; Gorgan, M.; Duduman, M.-L.; Tötös, Ș. M. (2025). Synthetic approach to the aggregation pheromone of *Ips duplicatus* (Sahlberg) (Coleoptera: Curculionidae, Scolytinae). *Forests' Future 2025: Bark Beetle Outbreak in Central Europe – Consequences and Future Challenges*, Průhonice–Prague, Czech Republic, 22–26 September 2025.
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