

LISTA LUCRĂRI ȘTIINȚIFICE – Șef lucrări dr. ing. ALEXA Irina-Claudia

1. **Doctorat în Chimie Organică** – noiembrie 2001 – decembrie 2004 - cu susținerea tezei la Universitatea din Orléans (Franța) în februarie 2005 - teză în cotutelă între Universitatea din Bacău (România) și Universitatea din Orléans (Franța), sub conducerea Prof. Gérard Guillaumet și Prof. Adriana Fînar. Tema tezei de doctorat «*Synthèse et chimie d'hétérocycles azotés polycycliques. Application à l'obtention de composés antitumoraux*»

2. Cărți și capitole de cărți

1. **Irina-Claudia Alexa**, *Procese enzimatică și fermentative*, Editura Alma Mater Bacău, **2020**, 158 pagini, ISBN 978-606-527-641-3.
2. **Irina-Claudia Alexa**: *Studiul relației structură-activitate biologică. Drug Design, Note de curs și seminar*, Editura Alma Mater, Bacău, **2017**, 96 pagini, ISBN 978-606-527-577-5.
3. **Irina-Claudia Alexa**: *Biochimie – note de curs*, Editura Alma Mater, Bacău, **2014**, 159 pagini, ISBN 978-606-527-412-9.
4. **Irina-Claudia Alexa**, Elena-Mirela Suceveanu, Ioana Adriana Ștefănescu: *Biochimie – îndrumar de laborator*, Editura Alma Mater, Bacău, **2014**, 195 pagini, ISBN 978-606-527-411-2.
5. Adriana Dabija, Lăcrămioara Rusu, **Irina-Claudia Alexa** – *Enzimologie industrială* - curs, Editura Alma Mater, Bacău, **2007**, 192 pagini, ISBN 978-973-1833-32-3.
6. Abdelkrim Azzouz, Anita Zvolinschi, Andrei Simion, **Irina Grig (Alexa)**: *Utilaj și tehnologie în industria laptelui – îndrumar de laborator*, Casa Editorială Demiurg, **2001**, 123 pagini, ISBN 973-8076-13-7.

3. Articole științifice publicate în reviste cotate ISI

1. Grosu, L.; Patriciu, O.-I.; **Alexa, I.-C.***; Fînar, A.-L. *Development, Physicochemical, and Sensory Evaluation of Naturally Formulated Dehydrated Fruits Rolls Enriched with Sea Buckthorn and Grape Freeze-Dried Pomace Powders*. **Foods** **2026**, 15, 3059. <https://doi.org/10.3390/foods15173059> WOS:001873164200001
2. Nicuță, D.; Grosu, L.; Voicu, R.-E.; **Alexa, I.-C.*** *Medicinal and Aromatic Plant Micropropagation: A Sustainable Tool for Enhancing the Accumulation of Bioactive Molecules for Their Use in Food Systems*. **Horticulturae** **2026**, 12, 1120. <https://doi.org/10.3390/horticulturae12091120> WOS:001891180900001
3. Bran, E.P.; Grosu, L.; Iosob, G.-A.; **Alexa, I.-C.***; Brezeanu, P.M.; Fînar, A.-L.* *Exploratory Assessment of Some Regional Food Wastes as Potential Biofertilizers: Effects on Vegetative Growth and Phytochemical Profile of Phaseolus vulgaris L.* **Sustainability** **2026**, 18, 7312. <https://doi.org/10.3390/su18147312> WOS:001833361200001
4. Veronica Balan*, Luminița Grosu, **Irina-Claudia Alexa***: *Les colorants naturels : un savoir-faire ancien pour un avenir durable / Natural dyes: an ancient know-how for a sustainable future*, **Studii și Cercetări Științifice - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry**, **2025**, 26 (4), 509-523; <https://doi.org/10.29081/ChIBA.2025.664> WOS:001517999900001
5. Elena Petronela Bran, Oana-Irina Patriciu, Luminița Grosu, **Irina-Claudia Alexa***, Brîndușa Bălănuță, Adrian-Ionuț Nicoară Adriana-Luminița Fînar*: *The Influence of Different Parameters for the Removal of Pb and Zn Ions on Unmodified Waste Eggshells*, **Materials**, **2025**, 18 (12), 2794; <https://doi.org/10.3390/ma18122794> WOS:001517999900001
6. Daniela Nicuță, Luminița Grosu, Oana-Irina Patriciu, Roxana-Elena Voicu, **Irina-Claudia Alexa***: *Allium cepa model: A review on its application as cytogenetic tool for evaluating the biosafety potentials of plant extracts*, **Methods and protocols**, **2025**, 8(4), 88; <https://doi.org/10.3390/mps8040088> WOS:001557937800001
7. Grosu, L., Patriciu, O., **Alexa, I.C.***: *Exploring The Physico-Chemical, Phytochemical And Sensorial Characteristics Of Some Romanian Red Fruits Tea Infusions*, **Studii și Cercetări Științifice - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry**, **2025**, 26 (2), 203-208, <https://doi.org/10.29081/ChIBA.2025.640> WOS:001522092700007
8. Grosu, L., Ferent, E., Nicuță, D., **Alexa, I.C.***: *Approach regarding the biosafety evaluation of black and red currant pomace extracts using Allium cepa test*, **Ovidius University Annals of Chemistry**, **2024**, 35, 126-137. WOS:001338951200002 DOI: 10.2478/auoc-2024-0017 WOS:001338951200002
9. Nicuță, D.; Grosu, L.; **Alexa, I.-C.***; Fînar, A.-L. *Sustainable Characterization of Some Extracts of Origanum vulgare L. and Biosafety Evaluation Using Allium cepa Assay*, **Horticulturae**, **2024**, 10, 504. <https://doi.org/10.3390/horticulturae> WOS:001233527600001

10. Lavinia Misaila, Dumitra Răducanu, Narcis Barsan, Luminita Grosu, Oana-Irina Patriciu, **Irina-Claudia Alexa**, Adriana-Luminita Finaru: *Eco-friendly and efficient monitoring of physico-chemical parameters of some mineral water from Slanic Moldova (Romania) during storage in different conditions – a case study* - **Ovidius University Annals of Chemistry**, Print ISSN: 1583-2430, Electronic ISSN: 2286-038X, **2023**, 34 (2), 72-82, DOI10.2478/auoc-2023-0010, WOS:001068017600002.
11. Lavinia Misăilă, Dumitra Răducanu, Narcis Bârsan, Luminița Grosu, Oana-Irina Patriciu, **Irina-Claudia Alexa** - *Assessment of the microbiota of some mineral water from slanic moldova (romania): seasonal evaluation and after storage in different conditions* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2023**, 24 (2), 97-110, WOS:001025811900002.
12. Petronela Elena BRAN, Daniela NICUȚĂ, Luminița GROSU, Oana-Irina PATRICIU, **Irina-Claudia ALEXA*** - *Investigation regarding the potential application of grape pomace extracts on in vitro plant growth and development* - **Ovidius University Annals of Chemistry**, Print ISSN: 1583-2430, Electronic ISSN: 2286-038X, **2022**, 33 (2), 135-142. DOI <https://doi.org/10.2478/auoc-2022-0020>, WOS:000843699700002.
13. Elena-Mirela Suceveanu, **Irina-Claudia Alexa*** - *Sensory and physicochemical evaluation of some varieties of Romanian artisanal mead* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2021**, 22 (2), 235-243, WOS:000681369800009.
14. Elena-Mirela Suceveanu, Luminița Grosu, **Irina-Claudia Alexa***, Adriana Fînar - *Valorisation potential of Fetească neagră grape pomace for obtaining honeybased fortified innovative product* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2020**, 21 (2), 243-252, WOS:000546789300009.
15. Marius Ionel Nădejde, Elena-Petronela Bran, Dorel Ureche, **Irina-Claudia Alexa**, Gabriel Lazăr, Iuliana Mihaela Lazăr - *Correlations between morphological characteristics and heavy metals concentration in three species of freshwater fish* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2019**, 20 (2), 277-289, WOS:000474825800012.
16. Mirela Suceveanu, **Irina-Claudia Alexa***, Oana-Irina Patriciu, Luminița Grosu, Adriana Fînar - *Physicochemical characterization and acceptability of some artisanal mint liqueurs* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2018**, 19 (2), 203-210, WOS:000436394900009.
17. Oana-Irina Patriciu, Ștefan Ciobanu, Daniela Nicuță, Luminița Grosu, Mirela Suceveanu, **Irina-Claudia Alexa***, Adriana Luminița Fînar - *Research regarding the potential activity of some heterocyclic compounds on plants growth and development* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2017**, 18 (2), 191-200, WOS:000406261500008.
18. Iulian Suceveanu, **Irina-Claudia Alexa**, Luminița Grosu, Oana-Irina Patriciu, Irina Ifrim, Mirela Suceveanu* - *Application of the HACCP method in the swine abattoir by scalding-skinning ecological processing / Application de la methode HACCP dans l'abattoir porcin par le processus ecologique d'échaudage-dépeçage* - **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2017**, 18 (1), 73-84, WOS:000396720500008.
19. **Irina-Claudia Alexa**, Petronel Pavăl, Daniela Nicuță, Petronela Bran, Oana-Irina Patriciu, Luminița Grosu, Adriana Luminița Fînar - *Effects of Hormones Addition for in Vitro Plant Development of Calendula Officinalis*, **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2015**, 16 (1), 75-79, , WOS:000366598100008.
20. Luminița Grosu, **Irina-Claudia Alexa**, Oana-Irina Patriciu - *Study Concerning the Production of Biomass Protein by Valorisation of By-Products From The Dairy Industry (Etude concernant l'obtention de biomasse proteique par valorisation des sous-produits de l'industrie laitière)*, **Studii și Cercetări Științifice** - Chimie și Inginerie Chimică, Biotehnologii, Industrie Alimentară / **Scientific Study & Research** - Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2015**, 16 (2), 169-172, WOS:000366599100007.
21. Grosu, L., Fernandez, B., Grigoras, C.G., Patriciu, O.I., **Grig-Alexa, I.C.**, Nicuta, D., Ciobanu, D., Gavrila, L., Finaru, A.L. - *Valorization Of Whey From Dairy Industry For Agricultural Use As Fertiliser: Effects On Plant Germination And Growth*, **Environmental Engineering And Management Journal**, **2012**, 11 (12), 2203-2210, DOI10.30638/eemj.2012.273. WOS:000314169000011
22. **Grig-Alexa, I.C.**, Simionescu, I., Patriciu, O.I., Massip, S., Fînar, A.L., Jarry, C., Jean-Michel Léger, Guillaumet, G. - *Efficient and Selective Synthesis of Alkoxy substituted di(pyridin-2-yl)amines and n-arylpyridin-2-ylamines*, **Tetrahedron Lett.**, **2012**, 53, 1885-1888. DOI10.1016/j.tetlet.2012.01.084 WOS:000302451300004

23. **Grig-Alexa, I. C.** Fînaru, A. L., Routier, S., Bailly, C., Caubère, P., Guillaumet, G. - *Synthesis of 4,6-Disubstituted Dihydrodipyridopyrazines and Assessment of Their DNA Binding*, **Revista de Chimie**, **2008**, 59, 266-268. <https://doi.org/10.37358/RC.08.3.1745> WOS:000255966000004
24. **Grig-Alexa, I. C.**, Fînaru, A. L., Caubère, P., Guillaumet, G. - *Lithiation Directed by Amino Alkoxides. Application to the Synthesis of New Disubstituted Dihydrodipyridopyrazines*, **Organic Letters**, **2006**, 19, 4187-4189. DOI10.1021/ol061178e WOS:000240339700004
25. **Grig-Alexa, I. C.**, Fînaru, A. L., Ivan, L., Caubère, P., Guillaumet, G. - *Efficient Synthesis of 3-Bromo-2-[(N-substituted)pyridines and Their Hetarynic Cyclization*, **Synthesis**, **2006**, 619-628. DOI10.1055/s-2006-926311 WOS:000235670600009
26. **Grig-Alexa, I. C.**, Fînaru, A. L., Ivan, L., Caubère, P., Guillaumet, G. - *Functionalization of dihydrodipyridopyrazines involving palladium-catalyzed coupling reactions*, **Tetrahedron Lett.**, **2004**, 45, 2343-2346. DOI10.1016/j.tet.2004.06.041 WOS:000222863600005
27. **Grig-Alexa, I. C.**, Garnier, E., Fînaru, A. L., Ivan, L., Jarry, C., Léger, J.-M., Caubère, P., Guillaumet G. - *Hetarynic Synthesis and Chemical Transformations of Dihydrodiquinolopyrazines*, **Synlett**, **2004**, 2000-2004. DOI10.1055/s-2004-830876 WOS:000223845200029
28. Lazar, S., Soukri, M., Léger, J.-M., Jarry, C., Akssira, M., Chiriță, R., **Grig-Alexa, I. C.**, Fînaru, A.L., Guillaumet, G. - *Efficient synthesis of 2- and 3-substituted-2,3-dihydro[1,4]dioxino[2,3-b]pyridine derivatives*, **Tetrahedron**, **2004**, 60, 6461-6473. DOI10.1016/j.tetlet.2004.01.092 WOS:000220011000017

4. Articole științifice publicate în alte reviste decât cele cotate ISI

1. Suceveanu Mirela, Suceveanu Iulian, Grosu Luminița, **Alexa Irina-Claudia** - *Treatment of wastewater from swine and poultry slaughterhouses* - JESR - Journal of Engineering Studies and Research, **2018**, vol. 24, nr. 2, pag. 41-45.
2. Blanchard, S., **Grig-Alexa, I.C.**, Patriciu, O.I., Fînaru, A.L., Guillaumet, G. - *Dihydrodipyridopyrazines: Synthèse et fonctionnalisation*, Scientific Study & Research, **2010**, 11, 45-65.
3. Spataru, S., **Grig-Alexa, I.C.**, Fînaru, A. L. - *Influence du séchage sur la composition chimique de différentes variétés de pommes*, Scientific Study & Research, **2007**, 8, 445-450. WOS:000217207400012
4. **Grig-Alexa, I. C.**, Garnier, E., Fînaru, A. L., Ivan, L., Jarry, C., Léger, J.-M., Caubère, P., Guillaumet G. - *Synthèse d'hétérocycles azotés polycycliques dihydrodiquinolopyrazines et oxazoloquinoléines*, Actes du Troisième Colloque Franco-Roumain de Chimie Appliquée, **2004**, 63-66.
5. **Grig-Alexa, I.C.**, Blanchard, S., Fînaru, A. L., Ivan, L., Caubère, P., Guillaumet, G. - *Etudes de la synthèse et des propriétés d'une nouvelle famille d'antitumoraux : les dihydrodipyridopyrazines*, Actes du Deuxième Colloque Franco-Roumain de Chimie Appliquée, **2002**, 59-60.
6. **Grig, I.C.**, Fînaru, A. L., Ivan, L., Laduree, D. - *Synthèse d'analogues du D4T substitués en position 5 par un bras de liaison oléfinique et acétylénique comportant une fonction acide hydroxamique terminale – inhibiteurs de la ribonucleotide réductase (anti-HIV)*, Actes du Colloque Franco-Roumain de Chimie Appliquée, **2000**, 46-47.

5. Participarea la diverse manifestări științifice naționale și internaționale

1. Elena Petronela Bran, Oana-Irina Patriciu, Luminița Grosu, **Irina-Claudia Alexa**, Brîndușa Bălănuță, Adrian-Ionut, Nicoară, Adriana-Luminița Fînaru - MORPHOLOGICAL AND STRUCTURAL TRANSFORMATIONS IN EGGSHELL-DERIVED BIOSORBENTS FOLLOWING HEAVY METAL EXPOSURE - The 21th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2026** – 21-23 May 2026, <http://oproteh.ub.ro/poster>.
2. Veronica Balan, Luminița Grosu, **Irina-Claudia Alexa**, Adriana-Luminița Fînaru - BRIDGING HERITAGE AND SUSTAINABILITY: A REASSESSMENT OF ANCIENT DYEING TECHNIQUES FOR MODERN APPLICATIONS - The 21th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2026** – 21-23 May 2026, <http://oproteh.ub.ro/poster>.
3. Luminița Grosu, Oana-Irina Patriciu, Daniela Nicuță, Roxana Voicu, **Irina-Claudia Alexa** - DEFINING SAFE THERAPEUTIC WINDOW: THE ROLE OF ALLIUM CEPA TEST IN THE TOXICOLOGICAL VALIDATION OF MEDICINAL PLANTS EXTRACTS - The 21th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2026** – 21-23 May 2026, <http://oproteh.ub.ro/poster>.
4. **Irina-Claudia Alexa**, Luminița Grosu, Daniela Nicuță, Oana-Irina Patriciu, Adriana-Luminița Fînaru - EXPLORING POSSIBILITIES OF SUSTAINABLE VALORISATION OF AGRIFOOD BY-PRODUCTS AND WASTES, 5th Edition of

International Conference "Interdisciplinarity and Cooperation in Cross-Border Research" – **ICCR 2025**, 13-15 November 2025, Chişinău, Republic of Moldova, **poster** (online).

5. Daniela Nicuță, Elisa Ferent, Roxana Voicu, Luminița Grosu, **Irina-Claudia Alexa** - ASSESSMENT OF THE CYTOTOXIC AND GENOTOXIC EFFECTS OF CURRANT MARC EXTRACTS ON CELL DIVISION IN *ALLIUM CEPA* L., 5th Edition of International Conference "Interdisciplinarity and Cooperation in Cross-Border Research" – **ICCR 2025**, 13-15 November 2025, Chişinău, Republic of Moldova, **poster** (online).
6. Luminița Grosu, Daniela Nicuță, Oana-Irina Patriciu, **Irina-Claudia Alexa**, Adriana-Luminița Fînar - PURSUING INNOVATIVE AND SUSTAINABLE APPROACHES FOR THE VALORIZATION OF POMACE, International Chemical Engineering and Materials Symposium, **SICHEM 2025**, POLITEHNICA Bucharest, Romania, 6-7 November 2025. <http://www.societatea-de-inginerie-chimica.ro/index.html>, **poster**.
7. Elena Petronela Bran, Oana-Irina Patriciu, Luminița Grosu, **Irina-Claudia Alexa**, Brîndușa Bălănuță, Adrian-Ionut, Nicoară and Adriana-Luminița Fînar - UNMODIFIED WASTE EGGSHELLS: SUITABLE BIOMATERIALS FOR THE REMOVAL OF HEAVY METALS, International Chemical Engineering and Materials Symposium, **SICHEM 2025**, POLITEHNICA Bucharest, Romania, 6-7 November 2025. <http://www.societatea-de-inginerie-chimica.ro/index.html>, **poster**.
8. **Irina-Claudia Alexa**, Luminița Grosu, Oana-Irina Patriciu - CHARACTERIZATION OF SOME GRAPE MARC EXTRACTS BY ULTRAVIOLET-VISIBLE ABSORPTION SPECTROSCOPY AND STATISTICAL ANALYSIS - The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2025** – 21-23 May 2025, <http://oproteh.ub.ro/>, **poster**.
9. Daniela Nicuță, Luminița Grosu, **Irina-Claudia Alexa** - AMINO ACIDS CONTENT OF IN VITRO REGENERANTS FROM *BRASSICA OLERACEA* L.- The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2025** – 21-23 May 2025, <http://oproteh.ub.ro/>, **poster**.
10. **Irina-Claudia Alexa**, Daniela Nicuță, Luminița Grosu, Adriana-Luminița Fînar - BLACK AND RED CURRANT POMACE EXTRACTS –CHARACTERIZATION AND BIOSAFETY ASSESSMENT USING SUSTAINABLE METHODS, International Conference MODERN TECHNOLOGIES IN THE FOOD INDUSTRY– **MTFI 2024**, 17–18 October 2024, Chişinău (Republic of Moldova), Section Food Chemistry, Oenology and Biotechnology in the Food Industry, <https://mtfi.utm.md/>, **poster (online conference)**.
11. Oana-Irina Patriciu, Luminița Grosu, **Irina-Claudia Alexa**, Adriana-Luminița Fînar - INFLUENCE OF BREWING TIME ON PHYSICO-CHEMICAL AND SENSORIAL PROPERTIES OF SOME ROMANIAN RED FRUITS TEA INFUSIONS – **MTFI 2024**, 17–18 October 2024, Chişinău (Republic of Moldova), Section Food Chemistry, Oenology and Biotechnology in the Food Industry, <https://mtfi.utm.md/>, **poster (online conference)**.
12. Elena-Petronela Bran, Daniela Nicuță, Luminița Grosu, **Irina-Claudia Alexa**, Adriana-Luminița Fînar - REGIONAL FOOD BY-PRODUCTS AND WASTE AS A POTENTIAL SOURCE OF BIOACTIVE COMPOUNDS - *IN VIVO* AND *IN VITRO* EVALUATION, A XXXVII-a CONFERINȚĂ NAȚIONALĂ DE CHIMIE – **CNChim-2024**, 25-27 septembrie 2024, Târgoviște, **poster**.
13. **Irina-Claudia Alexa**, Luminița Grosu, Daniela Nicuță, Oana-Irina Patriciu, Adriana-Luminița Fînar - RESEARCH ON THE VALORIZATION OF AGRO-FOOD BY-PRODUCTS AND WASTE, 5th Global Virtual Summit on Chemistry & Pharmaceutical Chemistry (online), London, May 25-26, 2024, **poster**.
14. **Irina-Claudia Alexa**, Luminița Grosu, Oana-Irina Patriciu, Adriana-Luminița Fînar - APPROACHES ON THE SUSTAINABLE VALORIZATION OF AGRO-FOOD BY-PRODUCTS AND WASTE - The 19th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2024** – 22-24 May 2024, <http://oproteh.ub.ro/>, **prezentare orală**.
15. Daniela Nicuță, Luminița Grosu, **Irina-Claudia Alexa** - TAURINE AND ENERGETIC BEVERAGES - *IN VIVO* EVALUATION OF THE POTENTIAL CYTOTOXIC AND GENOTOXIC - The 19th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2024** – 22-24 May 2024, <http://oproteh.ub.ro/>, **poster**.
16. Luminița Grosu, Oana-Irina Patriciu, **Irina-Claudia Alexa**, Adriana-Luminița Fînar - PHYSICO-CHEMICAL, PHYTOCHEMICAL AND SENSORIAL ANALYSES OF SOME ROMANIAN RED FRUITS TEA INFUSIONS - The 19th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2024** – 22-24 May 2024, <http://oproteh.ub.ro/>, **poster**.
17. Elena-Petronela BRAN, **Irina-Claudia ALEXA**, Elena-Mirela SUCEVEANU, Daniela NICUȚĂ, Adriana-Luminița FÎNARU - RESEARCH CONCERNING THE VALORISATION OF EGGSHELLS AS BIOSORBENT FOR HEAVY METALS, **Conferința națională cu participare internațională Ecologia și Protecția Ecosistemelor**, Ediția a XIV-a, 2-4 noiembrie 2023, Bacău, România, <https://epe.ub.ro/>, **poster**.
18. Daniela NICUȚĂ, **Irina-Claudia ALEXA**, Luminița GROSU, Oana-Irina PATRICIU, Adriana-Luminița FÎNARU - *ALLIUM CEPA* ASSAY – *IN VIVO* INVESTIGATION OF CYTOTOXICITY POTENTIAL OF DIFFERENT EXTRACTS OF

NATURAL SOURCES, **Conferința națională cu participare internațională Ecologia și Protecția Ecosistemelor**, Ediția a XIV-a, 2-4 noiembrie 2023, Bacău, România, <https://epe.ub.ro/>, **poster**.

19. **I.-C. ALEXA**, L. GROSU, O.-I. PATRICIU, A.-L. FÎNARU - FRUITS ROLLS ENRICHED WITH GRAPE POMACE POWDER - SENSORY EVALUATION AND CONSUMER ACCEPTABILITY, The 18th International Conference of Constructive Design and Technological Optimization in Machine Building Field, **OPROTEH 2023** – 11-13 May 2023, <http://oproteh.ub.ro/>, **poster**.
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