

LISTA DE LUCRĂRI

Conf. univ. dr. chim. Ifrim Irina Loredana

a) Teza de doctorat

Contribuții privind depoluarea apelor prin decolorare cu valorificarea poluanților din tehnologia celulozei sulfat (noiembrie 2003).

b) Cărți publicate în edituri recunoscute

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2. Electrochimie și coroziune, **Ifrim I.**, Editura Alma Mater, ISBN 978-973-8392-94-2, 2007, 112p
3. Controlul calității produselor alimentare și biotehnologice, **Ifrim I.**, Grosu L., Editura Alma Mater, ISBN 978-973-8392-95-3, 2007, 167p

c) Volume editate

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2. Actes du huitième COLLOQUE FRANCO-ROUMAIN DE CHIMIE APPLIQUÉE, COFrRoCA – 2014, BĂRBOIU M., FÎNARU A., GAVRILĂ L., **Ifrim I.**, PATRICIU O., ALEXA I., GROSU L., GUILLAUMET G., GRANDCLAUDON P., HULEA V., LEGRAND Y.-M., DUMITRU F., Editura Alma Mater, ISSN 2068-6382, 151p.
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4. Rachieru M., Faciu M.E., **Ifrim I.**, Stefanescu I., Kamari A., Stamate M., Lazar I., *Heavy metals and gamma radioactivity bioaccumulation in Artemisia absinthium L. grown on a waste dump*, Environmental Engineering And Management Journal, **2017**, **16** (4), ISSN: 1582-9596, 859-867, FI=1,096
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15. Lazar I.M., **Ifrim I.L.**, Nicuță D., Nistor D., Lazăr G., *Macro and ultra-micro scale changes of rapeseed seedlings germinated from seeds exposed to UVA-VIS radiations*, Environmental Engineering and Management Journal **2013**, **12** (1), ISSN: 1582-9596, 49-57, IF=1,117; SRI=0 (4 citare)

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1. Nshimiyimana François X., Faciu Maria Ema, El Abidi Abdellah, El Blidi Souad, Fekhaoui Mohamed, **Ifrim Irina Loredana**, Soulaymani Abdelmajid, Lazar Gabriel, *Analysis Of Seasonal Variation On Degree Of Contamination With Heavy Metals In Aarjate Village, Morocco. An Index Approach*, Scientific study & research chemistry, chemical engineering, biotechnology, food industry, **2014**, **15**(4), ISSN 1582-540X, p.337-344;
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5. **Ifrim I.**, Ciobanu D.- *“Contributions wiewing the Reduction of the Polluting Degree for Sulphate Waste Waters through the Process of Lignine Flocculation with H₃PO₄ and DAP”*- Studii și Cercetări Științifice – Chimie și Inginerie Chimică, Biotehologii, Industrie Alimentară, **2003**, **IV** (1-2), , ISSN 1582-540X, Bacău, p. 117-122;
6. **Ifrim I.**, Ciobanu D.- *“The H₃PO₄’s Influence on the Depollution of the Waste Waters Originated in the Production of Sulphate Pulp”*- Studii și Cercetări Științifice – Chimie și Inginerie Chimică, Biotehologii, Industrie Alimentară, **2003**, **IV** (1-2), , ISSN 1582-540X, Bacău, p. 123-126;

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f) Articole publicate în volumele unor conferințe internaționale

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2. **Ifrim I.**, Nedelcu C., Ciobanu D. - “*Contributions regarding the water quality evaluation from Vrancea county, Siret hydrographical basin III.The hydro chemical characterization Siret River*” - Modelling and Optimization in the Machines Building Field, **2005**, MOCM **11**(2), ISSN 1224-7480, p. 33-38
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4. Nedelcu C., **Ifrim I.**, Ciobanu D. - “*Contributions regarding the water quality from Siret hydrographical basin. I.The hydro chemical characterization of the rivers from the Putna basin: Milcov and Râmna rivers*” - Modelling and Optimization in the Machines Building Field, **2005**, MOCM **11**(2), ISSN 1224-7480, p. 94-99
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6. Ciobanu D., **Ifrim I.** – “*The Use of the Lignin in the Technology of the Casting Mixture*” - Modelling and Optimization in the Machines Building Field, **2003**, MOCM **9**, ISSN 1224-7480, Bacău, p. 209-211
7. Ciobanu D., **Ifrim I.** – “*The Use Of Lignin In The Technologies Of Wood Industrialization The Obtaining Of The Particle Board*” – Modelling and Optimization in the Machines Building Field, **2003**, MOCM **9**, ISSN 1224-7480, Bacău, p. 212-215
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g) Conferințe internaționale sau naționale cu participare internațională

1. Alexa I.C., Suceveanu E.M., Grosu L., Patriciu O.I., **Ifrim I.L.**, Fînaru A.L., Approches for honey-based functional foods obtention, *International Conference Inteligent Valorisation of Agro-Industrial Wastes, IWastes*, Chișinău, Moldova, 07.10.2021, <https://intelawastes.utm.md>

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4. Elena-Mirela Suceveanu, Irina-Claudia Alexa, Petronela Bran, Luminița Grosu, Irina Ifrim, Oana-Irina Patriciu, Adriana-Luminița Fînaru, Valorization of Grape Pomace for Obtaining Fortified Innovative Product with Honey, *21st Romanian International Conference on Chemistry and Chemical Engineering, RICCE 21*, Constanta-Mamaia, ROMANIA - September 4 – 7, 2019, <http://ricce21.chimie.upb.ro/>
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9. SUCEVEANU Mirela, ALEXA Irina-Claudia, GROSU Luminița, IFRIM Irina, VALORISATION OF PEPPERMINT (*MENTHA PIPERITA*) FOR OBTAINING TONIC BEVERAGES, ECOLOGY AND PROTECTION OF ECOSYSTEMS - THE 12th EDITION, 02.- 04.11 2017, Facultatea de Științe, Universitatea “Vasile Alecsandri” din Bacău, <http://www.epebacau.ro/> poster,
10. Suceveanu M., Alexa I.C., Patriciu O.I., Grosu L., Ifrim I., Fînaru A., *MENTHA PIPERITA – POSSIBILITES D’OBTENTION DES BOISSONS ALCOOLISEES A L’EFFET TONIQUE*, *Modern Technologies in the Food Industry – 2016*, 20-22 octombrie 2016, Universitatea Tehnică a Moldovei Chișinău, Republica Moldova, <http://mtfi.utm.md>
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16. Georgiana Rosu (Lacatusu), Maria-Ema Faciu, Iuliana-Mihaela Lazar, **Irina-Loredana Ifrim**, *Groundwater quality assesment using pollution index in an industrial area from Bacau city, Romania*, 11th international Conference on „Environmental Legislation, Safety Engineering and Disaster management” ELSEDIMA, 26-28 mai 2016, Universitatea Babes-Bolyai Cluj-Napoca, <http://enviro.ubbcluj.ro/en/conference-elsedima-2016/>
 17. PATRICIU Oana-Irina, ALEXA Irina-Claudia, SUCEVEANU Elena-Mirela, GROSU Luminița, RADU Steluța, **IFRIM Irina-Loredana**, FÎNARU Adriana-Luminița "Vasile Alecsandri" University, Bacau, *Studiu privind utilizarea unor metode analitice accesibile în determinarea izoflavonelor din făinurile de soia comerciale (Study on the use of available analytical methods to determine the isoflavones in soy flours trade)*, Congresul Internațional "Solul și hrana, resurse pentru o viață sănătoasă", 22 - 24 octombrie 2015, <http://www.uaiasi.ro/simpozion/index.php?lang=ro&pagina=program.html>
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 21. Mioara Sandulache, Maria Ema Faciu, **Irina Ifrim**, Adriana Finaru, Iuliana Lazar, *Variation of biochemical and biometrical parameters of Artemisia Absinthium L. in time and space from phosphogypsum dump*, The XI-th International Conference Oproteh 2015, 4-6 Iunie, Bacau, 2015, <http://oproteh.ub.ro;>
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 23. Oana-Irina PATRICIU, Irina-Claudia ALEXA, Raluca-Ioana TAMPURU, Luminita GROSU, Daniela NICUTA, Iulia LAZAR, **Irina Loredana IFRIM**, Lucian GAVRILA, Adriana Luminita FINARU, *Evaluation de l'activité biologique des composés hétérocycliques sur la croissance et le développement des plantes*, Huitieme Colloque Franco-Roumain de Chimie Appliquee, Montpellier, 15-18.09.2014;
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 26. Ciprian SANDU, Marius Popescu, **Irina Loredana IFRIM**, Iulia LAZAR, Gabriel LAZAR, *Multivariate analyses for prediction of total petroleum hydrocarbon*, Huitieme Colloque Franco-Roumain de Chimie Appliquee, Montpellier, 15-18.09.2014;
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