

Universitatea Națională de Știință și Tehnologie POLITEHNICA București

Facultatea: **Inginerie Chimică și Biotehnologii**

Departamentul: **Chimie Analitică și Ingineria Mediului**

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Gradul didactic: **Conferentiar**

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

“STUDIUL TRANSPORTULUI SI SEPARARII ANIONILOR ANORGANICI PRIN MEMBRANE LICHIDE PE SUPORT, 2008

B. Cărți si capitole în cărți publicate în ultimii 10 ani

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C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. Orbeci, C., Untea, I., Nechifor, G., Segneanu, A.E., Craciun, M.E., Effect of a modified photo-Fenton procedure on the oxidative degradation of antibiotics in aqueous solutions, Separation and Purification Technology, nr. 122, 2014, pag. 290-296, WOS:000331422800038

2. FIRAS HASHIM KAMAR^{1,2}, AURELIA CRISTINA NECHIFOR¹, GHANIM M. ALWAN³, MIHAELA EMANUELA CRACIUN¹, GHEORGHE NECHIFOR¹

*Comparative Removal of Lead, Copper and Cadmium Ions from Wastewater in Single and Ternary Batch Biosorption Systems onto Dry Walnut Shells, REV. CHIM. (Bucharest) 66 No. 8, 2015, WOS:000361124600001

3. Obtaining and Characterization of Alumina Ceramic Filters By: Stoleriu, S (Stoleriu, Stefania)[1] ; Craciun, ME (Craciun, Mihaela Emanuela)[1] ; Tabacaru, AS (Tabacaru, Adrian Sorin)[1] ; Oprea, O (Oprea, Ovidiu)[1] REVISTA DE CHIMIE, Volume: 67 Issue: 7 Pages: 1397-1400, JUL 2016, WOS:0003855130000340

4. Isotherm and Kinetic Models for Bio-sorption of Cadmium Ions from Aqueous Solutions using Dry Peanut Shells and Hazelnut Shells By: Kamar, FH (Kamar, Firas Hashim)[1] ; Abbas, SH (Abbas, Salman H.)[2] ; Mohammed, AH (Mohammed, Asem Hassan)[1] ; Craciun, ME (Craciun, Mihaela Emanuela)[3] ; Nechifor, AC (Nechifor, Aurelia Cristina)[3] REVISTA DE CHIMIE Volume: 69 Issue: 10 Pages: 2603-2607 Published: OCT 2018, WOS:000451925300001

5. The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc Basin, Romania, ROBERT SZEPI*, REKA KERESZTESI, SZENDE TONK2, ATTILA KORODI^{1,3}, MIHAELA EMANUELA CRACIUN⁴, REV. CHIM. (Bucharest), 68, No. 4. 2017, PAG 642-645, WOS:000400732400003

6. Study of Air Pollution and Atmospheric Stability in Ciuc Basin - Romania, ROBERT SZEPI, REKA KERESZTESI, ATTILA KORODI^{1,2}, SZENDE TONK³ MIHAELA EMANUELA CRACIUN⁴, REV. CHIM. (Bucharest), 68, No. 8, 2017, PAG 1763-1767, WOS:000410388000018

7. The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc Basin, Romania, ROBERT SZEPI*, REKA KERESZTESI, SZENDE TONK2, ATTILA KORODI1,3, MIHAELA EMANUELA CRACIUN4, REV.CHIM, .(Bucharest), 68, No. 4 .2017, PAG 642-645, WOS:000400732400003
- 8 Obtaining and Characterization of Alumina Ceramic Filters By:Stoleriu, S (Stoleriu, Stefania)[1] ; Craciun, ME (Craciun, Mihaela Emanuela)[1] ; Tabacaru, AS (Tabacaru, Adrian Sorin)[1] ; Oprea, O (Oprea, Ovidiu)[1] REVISTA DE CHIMIE,Volume: 67 Issue: 7 Pages: 1397-1400, JUL 2016, WOS:000385513000034
- 9 Neutralization with Simultaneously Separation of Aluminum Ions from Condensate Water through Cellulose Derivatives-Capillary Polypropylene Composite Membranes By:Nafliu, IM (Nafliu, Ion Marius)[1] ; Grosu, AR (Grosu (Miron), Alexandra Raluca)[1] ; Al-Ani, HNA (Al-Ani, Hussam Nadum Abdalraheem)[2] ; Albu, PC (Albu, Paul Constantin)[3] ; Gheorghievici, G (Gheorghievici, Gavril)[4,5] ; Craciun, ME (Craciun, Mihaela Emanuela)[MATERIALE PLASTICE, Volume: 56 Issue: 2 Pages: 301-305,Published: JUN 2019,Document Type:Article, WOS:000476641000002.
- 10 Characterization and classification of Romanian acacia honey based on its physicochemical parameters and chemometrics Mihaela Emanuela Crăciun1 , Oana Cristina Pârvulescu2*, Andreea Cristina Donise2 , Tănase Dobre2 & Dumitru Radu Stanciu3, Scientific Reports, decembrie 2020.
11. Valorization of Vine Prunings by Slow Pyrolysis in a Fixed-Bed Reactor,by Suzana Ioana Calcan 1,2,Oana Cristina Pârvulescu 1,*,Violeta Alexandra Ion 3,*,Cristian Eugen Răducanu 1,Liliana Bădulescu 3ORCID,Tănase Dobre 1,Diana Egri 1,Andrei Moț 3,Vlad Popa 3 andMihaela Emanuela Crăciun 4, Processes vol 10, issue 1, nr 37, 24 December 2021
- 12.Vine Pruning-Derived Biochar for Agronomic Benefits
by Diana Egri 1,Oana Cristina Pârvulescu 1,*,Violeta Alexandra Ion 2,*,Cristian Eugen Răducanu 1,Suzana Ioana Calcan 1,3,Liliana Bădulescu 2ORCID,Roxana Madjar 2ORCID,Cristina Orbeci 4,Tănase Dobre 1,Andrei Moț 2,Lavinia Mihaela Iliescu 2ORCID andMihaela Emanuela Crăciun 4, Agronomy, 12, 2022.

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

1. RICCE 20, 20th Romanian International Conference on Chemistry and Chemical Engineering, Brasov 6-9 septembrie 2017, Detection of adulterants in vegetable oils Andreea Cristina DONISE, Andreea Elena Ungureanu, Mihaela Emanuela CRĂCIUN, Oana Cristina PÂRVULESCU,
2. IASICHEM, Iași 26-28 Octombrie 2017, Determination of chemical and nutritional characteristics of edible flowers
3. SICHEM 2018, University Politehnica of Bucharest, Romania, 6 – 7 September, Andreea Cristina DONISE, Roxana Maria CRĂCIUN, Mihaela Emanuela CRĂCIUN, Oana Cristina PÂRVULESCU - Edible flowers – Composition and antioxidant activity, D9-7 September, 2018
2. IASICHEM, Iași 25-26 Octombrie 2018, Iași, Romania ,
4. Enzymatic dosing on honey, Andreea-Daniela MARINICĂ, Alexandra Valentina SAVU, Andreea Cristina DONISE Mihaela Emanuela CRĂCIUN , PI-05, 25 octombrie 2018
5. Virtual Eurachem Workshop 14-15 iulie 2020“ Quality, Assurance for Analytical Laboratories in the University Curriculum”, Quality Control of Metaxa Cognac †Andreea Donise , Gabriela Nita, and Mihaela Mihai

6. Virtual Eurachem Workshop 14-15 iulie 2020“ Quality, Assurance for Analytical Laboratories in the University Curriculum”, Determination Of Chemical And Nutritional Characteristics Of Edible Flowers[†] Gratiela POPESCU^{1*}, Andreea DONISE , Andreea PAUN and Mihaela Emanuela CRACIUN¹

E. Brevete obținute în întreaga activitate