

Anexa nr. 4 – CĂMISIA DE CHIMIE

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIEREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMĂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

Criterii generale:

Categorie	N _{max} (*)	FIC (**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (*****)	h index
Profesor/CSI/abilitare	50	100	70	50	25	13
Conferențiar/CS2	30	50	-	20	-	9

(*) N_{max} – primele maxim N lucrări, organizate în ordinea descrescătoare a factorilor de impact a revistelor în care au fost publicate;

(**) FIC – factorul de impact cumulat minimal al revistelor în care s-au publicat lucrările în cauză;

(***) FIC_D – factorul de impact cumulat minimal din publicații în domeniile de cercetare declarate;

(****) FIC_{AP} – factorul de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență);

(*****) FIC_{AC} – factorul de impact cumulat minimal din publicații în calitate de autor de corespondență.

Recomandări suplimentare:

- Activitatea didactică, cărți, manuale, cursuri, suporturi de curs se pot introduce drept criterii proprii de către universități / institute.
- Capitolele de cărți se echivalează cu articole cu FI = 2 (doi), în cărțile prezente în mai mult de 150 de biblioteci (vizibile în motorul de căutare UEFISCDI);
- Brevetele internaționale (de tipul EU, WO) se echivalează (fiecare) cu un articol cu FI = 4 (patru).

Note:

- Este obligatoriu ca pentru poziția de profesor și pentru abilitare candidații să ilustreze prin publicații domeniile proprii de cercetare (autor de corespondență).
- Aceste standarde sunt setul minim de standarde de concurs. Suplimentar, instituțiile (universități, institute) pot impune și alte cerințe, conform legii. În cazul universităților, asupra acestora se va pronunța un organism abilitat de către Senatul Universității și rezultatele vor fi aprobate de către Senat (Legea 1/2001 art 297, 219). În cazul institutelor asupra acestora va decide Consiliul Științific (Legea 319/2003, art 16(2)c). În ambele cazuri, CNATDCU va valida îndeplinirea setului minimal, conform legii 1/2011, art. 166(2), 219(1), 295(1)(3) și 300(4); respectiv legii 319/2003, art. 16(2)c.



ÎNDEPLINIRE STANDARDE MINIMALE PENTRU HABILITARE

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Clarivate (Web of Science)

<https://www.webofscience.com/wos/author/record/1296889,20065210>

h-Index **16**; Publicații **76**; Citări **886** total, **837** fără autocitări

ResearcherID: C-9064-2009

<https://www.webofscience.com/wos/author/record/1296889>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=56576288000>

h-Index **17**; Publicații **70**; Citări **1014** total, **961** fără autocitări

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Lista primelor 50 de lucrări considerate pentru calcularea standardelor minime pentru conferirea titlului de habilitare, organizate în ordinea descrescătoare a factorilor de impact a revistelor în care au fost publicate

Nr. crt.	Titlu articol / autori	Revista/ link articol/ WOS	Domeniu WOS (Subdomeniu)	Factor de Impact în anul publicării articolului			
				FIC	FIC _D	FIC _{AP}	FIC _{AC}
1.	Synergistic Antioxidant Activity and Enhanced Stability of Curcumin Encapsulated in Vegetal Oil-Based Microemulsion and Gel Microemulsions <i>Cristina Scomoroscenco, Mircea Teodorescu, Sabina Georgiana Burlacu, Ioana Cătălina Gîfu, Catalin Ionut Mihaescu, Cristian Petcu, Adina Raducan, Petruța Oancea, Ludmila Otilia Cinteza*</i>	Antioxidants, 11(5), 854, 2022 https://doi.org/10.3390/antiox11050854 WOS:000802366000001	Chemistry (Subdomeniu 2 - Biochemistry / Molecular Biology)	7	7	7	7
2.	Mixed Pluronic-Cremophor Polymeric Micelles as Nanocarriers for Poorly Soluble Antibiotics—The Influence on the Antibacterial Activity <i>Maria Antonia Tănase, Adina Raducan, Petruța Oancea, Lia Mara Dițu, Miruna Stan, Cristian Petcu*, Cristina Scomoroscenco, Claudia Mihaela Ninciuleanu, Cristina Lavinia Nistor, Ludmila Otilia Cinteza*</i>	Pharmaceutics, 13(4), 435, 2021 https://doi.org/10.3390/pharmaceutics13040435 WOS:000643529000001	Chemistry (Subdomeniu19 - Pharmacology and Pharmacy)	6,525	6,525	6,525	6,525
3.	Novel gel microemulsion as topical drug delivery system for curcumin in dermatocosmetics <i>Cristina Scomoroscenco, Mircea</i>	Pharmaceutics, 13(4), 505, 2021 https://doi.org/10.3390/pharmaceutics13040505	Chemistry (Subdomeniu19 - Pharmacology and Pharmacy)	6,525	6,525	6,525	6,525

	<i>Teodorescu, Adina Raducan, Miruna Stan, Sorina Nicoleta Voicu, Bodgan Trica, Claudia Mihaela Ninciuleanu, Cristina Lavinia Nistor, Catalin Ionut Mihaescu, Cristian Petcu*, Ludmila Otilia Cinteza*</i>	rmaceutics13040505 WOS:000643505600001					
4.	Facile in situ synthesis of ZnO flower-like hierarchical nanostructures by the microwave irradiation method for multifunctional textile coatings <i>Maria Antonia Tănase, Andreia Cristina Soare, Petruța Oancea, Adina Răducan, Cătălin Ionuț Mihăescu, Elvira Alexandrescu, Cristian Petcu*, Lia Mara Dițu, Marilena Ferbinteanu, Bogdan Cojocaru, Ludmila Otilia Cinteza*</i>	Nanomaterials, 11(10), 2574, 2021 https://doi.org/10.3390/nano11102574 WOS:000713175700001	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	5,719	5,719	5,719	5,719
5.	Preparation and In Vitro Characterization of Alkyl Polyglucoside-Based Microemulsion for Topical Administration of Curcumin <i>Cristina Scomoroscenco, Mircea Teodorescu, Cristina Lavinia Nistor, Ioana Catalina Gifu, Cristian Petcu*, Daniel Dumitru Banciu, Adela Banciu, Ludmila Otilia Cinteza*</i>	Pharmaceutics, 15(5), 1420, 2023 https://doi.org/10.3390/pharmaceutics15051420 WOS:000997333700001	Chemistry (Subdomeniu19 - Pharmacology and Pharmacy)	5,4	5,4	5,4	5,4
6.	Influence of the Hydrophobicity of Pluronic Micelles Encapsulating Curcumin on the Membrane Permeability and Enhancement of Photoinduced Antibacterial Activity <i>Maria Antonia Tanase, Andreia Cristina Soare, Lia Mara Dițu, Cristina Lavinia Nistor, Catalin Ionut Mihaescu, Ioana Catalina Gifu, Cristian Petcu, Ludmila Otilia Cinteza*</i>	Pharmaceutics, 14(10), 2137, 2022 https://doi.org/10.3390/pharmaceutics14102137 WOS:000873464700001	Chemistry (Subdomeniu19 - Pharmacology and Pharmacy)	5,4	5,4	5,4	5,4
7.	Novel Microemulsions with Essential Oils for Environmentally Friendly Cleaning of Copper Cultural Heritage Artifacts <i>Mihaela Ioan, Dan Florin Anghel, Ioana Catalina Gifu, Elvira Alexandrescu, Cristian Petcu*, Lia Mara Dițu, Georgiana Alexandra Sanda, Daniela Bala, Ludmila Otilia Cinteza*</i>	Nanomaterials, 13(17), 2430, 2023 https://doi.org/10.3390/nano13172430 WOS:001062496600001	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	5,3	5,3	5,3	5,3
8.	Antibacterial and Photocatalytic Properties of ZnO Nanoparticles Obtained from Chemical versus Saponaria officinalis Extract-	Molecules, 26(7), 2072, 2021 https://doi.org/10.3390/mol	Chemistry (Subdomeniu2 - Biochemistry / Molecular Biology)	4,927	4,927	4,927	4,927

	Mediated Synthesis <i>Maria Antonia Tănase, Maria Marinescu, Petruta Oancea, Adina Răducan, Catalin Ionut Mihaescu, Elvira Alexandrescu, Cristina Lavinia Nistor, Luiza-Izabela Jinga, Lia Mara Dițu, Cristian Petcu*</i> , Ludmila Otilia Cinteza*	ecules26072072 WOS:000638732000001					
9.	Silicon-based quantum dots induce inflammation in human lung cells and disrupt extracellular matrix homeostasis <i>Miruna-Silvia Stan, Cornelia Sima, Ludmila Otilia Cinteza, Anca Dinischiotu*</i>	FEBS Journal, 282, 2914-2929, 2015 https://doi.org/10.1111/febs.13330 WOS:000358840500009	Chemistry (Subdomeniu2 - Biochemistry / Molecular Biology)	4,237	4,237	-	-
10.	Chitosan-Stabilized Ag Nanoparticles with Superior Biocompatibility and Their Synergistic Antibacterial Effect in Mixtures with Essential Oils <i>Ludmila Otilia Cinteza, Cristina Scomoroscenco, Sorina Nicoleta Voicu, Cristina Lavinia Nistor, Sabina Georgiana Nitu, Bogdan Trica, Maria-Luiza Jecu, Cristian Petcu*</i>	Nanomaterials, 8(10), 826, 2018 https://doi.org/10.3390/nano8100826 WOS:000451174100082	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	4,034	4,034	4,034	-
11.	Dynamic analysis of the interactions between Si/SiO2 quantum dots and biomolecules for improving applications based on nano-bio interfaces <i>Miruna Silvia Stan, Ludmila Otilia Cinteza*</i> , Livia Petrescu, Maria Alexandra Mernea, Octavian Calborean, Dan Florin Mihailescu, Cornelia Sima, Anca Dinischiotu*	Scientific Reports, 8, 5289, 2018 https://doi.org/10.1038/s41598-018-23621-x WOS:000428367600020	Chemistry, Multidisciplinary	4,011	4,011	4,011	4,011
12.	Preliminary study on light-activated antimicrobial agents as photocatalytic method for protection of surfaces with increased risk of infections <i>Razvan Bucuresteanu, Lia-Mara Dițu*</i> , Monica Ionita, Ioan Calinescu, Valentin Raditoiu, Bogdan Cojocar, Ludmila Otilia Cinteza , Carmen Curutiu, Alina Maria Holban, Marius Enachescu, Laura-Bianca Enache, Gabriel Mustatea, Viorel Chihai, Adela Nicolaev, Elena-Larisa Borcan, Grigore Mihaescu	Materials, 14(18), 5307, 2021 https://doi.org/10.3390/ma14185307 WOS:000699580000001	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,748	3,748	-	-
13.	Exposure to Iron Oxide Nanoparticles Coated with Phospholipid-Based Polymeric Micelles Induces Renal Transitory	Materials, 14(10), 2605, 2021 https://doi.org/10.3390/ma	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,748	3,748	-	-

	Biochemical and Histopathological Changes in Mice <i>Mihaela Balas, Ioana Mihaela Popescu Din, Anca Hermenean, Ludmila Otilia Cinteza, Anca Dinischiotu*</i>	14102605 WOS:000662483000001					
14.	Novel Polymeric Micelles-Coated Magnetic Nanoparticles for In Vivo Bioimaging of Liver: Toxicological Profile and Contrast Enhancement <i>Ioana Mihaela Popescu Din, Mihaela Balas*, Anca Hermenean, Luce Vander Elst, Sophie Laurent, Carmen Burtea, Ludmila Otilia Cinteza, Anca Dinischiotu</i>	Materials, 13(12), 2722, 2020 https://doi.org/10.3390/materials13122722 WOS:000550199700001	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,623	3,623	-	-
15.	The Effect of Different Coupling Agents on Nano-ZnO Materials Obtained via the Sol-Gel Process <i>Violeta Purcar, Raluca Șomoghi*, Sabina Georgiana Nițu, Cristian-Andi Nicolae, Elvira Alexandrescu, Ioana Cătălina Gifu, Augusta Raluca Gabor, Hermine Stroescu, Raluca Ianchiș, Simona Căprărescu, Ludmila Otilia Cinteza</i>	Nanomaterials, 7(12), 439, 2017 https://doi.org/10.3390/nano7120439 WOS:000419186800034	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	3,504	3,504	-	-
16.	Hybrid Materials Based on ZnO Nanoparticles and Organo-Modified Silica Coatings as Eco-Friendly Anticorrosive Protection for Metallic Historic Artifacts <i>Mihaela Ioan, Dan Florin Anghel, Mihai Anastasescu, Ioana Catalina Gifu, Elvira Alexandrescu, Roxana Ioana Matei, Cristian Petcu*, Ioana Stanculescu, Georgiana Alexandra Sanda, Daniela Bala, Ludmila Otilia Cinteza*</i>	Coatings, 13(7), 1193, 2023 https://doi.org/10.3390/coatings13071193 WOS:001038219800001	Material Science (Multidisciplinary)	3,4	-	-	-
17.	Novel Hydrophobic Nanostructured Antibacterial Coatings for Metallic Surface Protection <i>Cristina Lavinia Nistor, Catalin Ionut Mihaescu, Daniela Bala, Ioana Catalina Gifu, Claudia Mihaela Ninciuleanu, Sabina Georgiana Burlacu*, Cristian Petcu*, Mariana-Gratiela Vladu, Adi Ghebaur, Lenuta Stroea, Ludmila Otilia Cinteza</i>	Coatings, 12(2), 253, 2022 https://doi.org/10.3390/coatings12020253 WOS:000763123100001	Material Science (Multidisciplinary)	3,4	-	-	-
18.	Gamma Irradiation and Ag and ZnO Nanoparticles Combined Treatment of Cotton Textile Materials <i>Ovidiu-Alexandru Capraru,</i>	Materials, 15(8), 2734, 2022 https://doi.org/10.3390/materials15082734	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,4	3,4	-	-

	<i>Bogdan Lungu, Marian Virgolici, Mihai Constantin, Mihalis Cutrubinis, Laura Chirila, Ludmila Otilia Cinteza, Ioana Stanculescu*</i>	WOS:000786297600001					
19.	Synthesis, Characterization, DFT Study and Antifungal Activities of Some Novel 2-(Phenyldiazenyl)phenol Based Azo Dyes <i>Maria Marinescu, Claudia Valentina Popa, Maria Antonia Tănase, Andreia Cristina Soare, Cristina Tableț, Daniela Bala, Ludmila Otilia Cinteza, Lia Mara Dițu, Ioana Catalina Gifu, Cristian Petcu*</i>	Materials, 15(22), 8162, 2022 https://doi.org/10.3390/ma15228162 WOS:000887523000001	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,4	3,4	-	-
20.	Exposure to Iron Oxide Nanoparticles Coated with Phospholipid-Based Polymeric Micelles Induces Biochemical and Histopathological Pulmonary Changes in Mice <i>Mihaela Radu (Balas), Ioana Mihaela Din (Popescu), Anca Hermenean*, Otilia Ludmila Cinteza, Radu Burlacu, Aurel Ardelean, Anca Dinischiotu</i>	International Journal of Molecular Sciences, 16(12), 29417-29435, 2015 https://doi.org/10.3390/ijms161226173 WOS:000367535600092	Chemistry (Subdomeniu2 - Biochemistry / Molecular Biology)	3,257	3,257	-	-
21.	Rapid microwave-assisted synthesis of organo-modified nanostructured silica coatings with tunable water-repellence properties <i>Catalina Ioana Gifu, Bogdan Trică, Claudia Mihaela Ninciuleanu, Cătălin Ionuț Mihăescu, Cristian Petcu*, Mihaela Cristina Lite, Alina Popescu, Mihai Anastasescu, Sorina Nicoleta Voicu, Maria Antonia Tanase, Ludmila Otilia Cinteza*</i>	Coatings, 11(11), 1319, 2021 https://doi.org/10.3390/coatings11111319 WOS:000727275400001	Material Science (Multidisciplinary)	3,236	-	-	-
22.	Facile preparation in two steps of highly hydrophobic coatings on polypropylene surface <i>Cristian Petcu, Cristina Lavinia Nistor*, Violeta Purcar, Ludmila Otilia Cinteza, Catalin-Ilie Spataru, Marius Ghiurea, Raluca Ianchis, Mihai Anastasescu, Mihai Stoica</i>	Applied Surface Science, 347, 359-367, 2015 http://dx.doi.org/10.1016/j.apsusc.2015.04.073 WOS:000356058500047	Chemistry (Subdomeniu8 - Chemistry, Physical)	3,150	3,150	-	-
23.	Synthesis and Characterisation of Organo-Modified Silica Nanostructured Films for the Water-Repellent Treatment of Historic Stone Buildings	Coatings, 10(10), 1010, 2020 https://doi.org/10.3390/coatings10101010	Material Science (Multidisciplinary)	2,881	-	-	-

	<i>Cristian Petcu*</i> , <i>Elvira Alexandrescu</i> , <i>Adriana Bălan</i> , <i>Maria Antonia Tănase</i> , <i>Ludmila Otilia Cinteza*</i>	WOS:000584204800001					
24.	Synthesis, density functional theory study and in vitro antimicrobial evaluation of new benzimidazole Mannich bases <i>Maria Marinescu*</i> , <i>Ludmila Otilia Cinteza*</i> , <i>George Iuliu Marton</i> , <i>Mariana-Carmen Chifiriuc</i> , <i>Marcela Popa</i> , <i>Ioana Stănculescu</i> , <i>Christina-Marie Zălaru</i> , <i>Cristina-Elena Stavarache</i>	BMC chemistry, 14(1), 45(1-16), 2020 https://doi.org/10.1186/s13065-020-00697-z WOS:000555907100001	Chemistry, Multidisciplinary	2,61	2,61	2,61	2,61
25.	Implications of silylated montmorillonite on montmorillonite-polyacrylate nanocomposites <i>R. Ianchis*</i> , <i>L.O. Cinteza</i> , <i>D. Donescu</i> , <i>C. Petcu</i> , <i>M.C. Corobea</i> , <i>R. Somoghi</i> , <i>M. Ghiurea</i> , <i>C. Spataru</i>	Applied Clay Science, 52(1-2), 96-103, 2011 https://doi.org/10.1016/j.clay.2011.02.004 WOS:000289610000013	Chemistry (Subdomeniu8 - Chemistry, Physical)	2,474	2,474	-	-
26.	Silica nanowires obtained on clay mineral layers and their influence on mini-emulsion polymerisation <i>Mihai Cosmin Corobea</i> , <i>Ignac Capek</i> , <i>Raluca Ianchis*</i> , <i>Dan Donescu</i> , <i>Raluca Somoghi</i> , <i>Marius Ghiurea</i> , <i>Cristina Lavinia Nistor</i> , <i>Violeta Purcar</i> , <i>Ludmila Otilia Cinteza</i> , <i>Constantin Radovici</i> , <i>Gabriel Prodan</i>	Applied Clay Science, 95, 232-242, 2014 http://dx.doi.org/10.1016/j.clay.2014.04.017 WOS:000338612200031	Chemistry (Subdomeniu8 - Chemistry, Physical)	2,467	2,467	-	-
27.	Antimicrobial Activities of Hydrophobically Modified Poly (Acrylate) Films and Their Complexes with Different Chain Length Cationic Surfactants <i>Ioana Cătălina Gifu</i> , <i>Monica Elisabeta Maxim</i> , <i>Ludmila Otilia Cinteza*</i> , <i>Marcela Popa</i> , <i>Ludmila Aricov</i> , <i>Anca Ruxandra Leonties</i> , <i>Mihai Anastasescu</i> , <i>Dan-Florin Anghel</i> , <i>Raluca Ianchis</i> , <i>Claudia Mihaela Ninciuleanu</i> , <i>Sabina Georgiana Burlacu</i> , <i>Cristina Lavinia Nistor</i> , <i>Cristian Petcu*</i>	Coatings, 9(4), 244, 2019 https://doi.org/10.3390/coatings9040244 WOS:000467318800031	Material Science (Multidisciplinary)	2,436	-	-	-
28.	Surface modification of silica particles assisted by CO2 <i>Violeta Purcar</i> , <i>Otilia Cinteza*</i> , <i>Dan Donescu</i> , <i>Daniela Bala</i> , <i>Marius Ghiurea</i> , <i>Cristian Petcu</i> , <i>Simona Caprarescu</i>	The Journal of Supercritical Fluids, 87, 34-39, 2014 https://doi.org/10.1016/j.supflu.2013.12.025 WOS:000334143900005	Chemistry (Subdomeniu8 - Chemistry, Physical)	2,371	2,371	2,371	2,371
29.	Advanced functionalization of	Journal of Nanoparticle	Chemistry	2,175	2,175	-	-

	organoclay nanoparticles by silylation and their polystyrene nanocomposites obtained by miniemulsion polymerization <i>R. Ianchis, M.C. Corobea*, D. Donescu, I.D. Rosca, L.O. Cinteza, L.C. Nistor, E.Vasile, A.Marin, S.Preda</i>	Research, 14(11), 1-12, 2012 https://doi.org/10.1007/s11051-012-1233-6 WOS:000310608100017	(Subdomeniu17 - Nanoscience and Nanotechnology)				
30.	Density functional theory molecular modeling and antimicrobial behaviour of selected 1, 2, 3, 4, 5, 6, 7, 8-octahydroacridine-N (10)-oxides <i>Maria Marinescu*, Ludmila Otilia Cinteza*, George Iuliu Marton, Luminita Gabriela Marutescu, Mariana-Carmen Chifiriuc, Catalin Constantinescu*</i>	Journal of Molecular Structure, 1144, 14-23, 2017 https://doi.org/10.1016/j.molstruc.2017.05.003 WOS:000403855700003	Chemistry (Subdomeniu8 - Chemistry, Physical)	2,011	2,011	2,011	2,011
31.	Fabrication of hydrophobic and antireflective coatings based on hybrid silica films by sol-gel process <i>Violeta Purcar*, Ioan Stamatin*, Otilia Cinteza, Cristian Petcu, Valentin Raditoiu, Marius Ghiurea, Teodora Miclaus, Adriana Andronie</i>	Surface & Coatings Technology, 206(21), 4449-4454, 2012 https://doi.org/10.1016/j.surfcoat.2012.04.094 WOS:000306031100018	Material Science	1,941	-	-	-
32.	Removal of some nitrophenol contaminants using alginate gel beads <i>Sandu Peretz*, Otilia Cinteza</i>	Colloids and Surfaces A: Physicochemical and Engineering Aspects, 319(1-3), 165-172, 2008 https://doi.org/10.1016/j.colsurfa.2007.06.012 WOS:000257046000026	Chemistry (Subdomeniu8 - Chemistry, Physical)	1,926	1,926	-	-
33.	Quantum dots in biomedical applications: advances and challenges <i>Ludmila O. Cinteza*</i>	Journal of Nanophotonics, 4(1), 042503, 2010 https://doi.org/10.1117/1.3500388 WOS:000208239300001	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	1,854	1,854	1,854	1,854
34.	Innovative therapeutic approach to chemical burns produced by vesicants; an experimental study <i>Cristina Anca Secara, Otilia Liudmila Cinteza, Diana Popescu, Claudia Valentina Popa, Camelia Andreea Hirjeu, Oana Cristina Voinea, Luiza Georgia Serbanescu, Andreea Marilena Pauna, Mihail Tudosie</i>	Journal of Mind and Medical Sciences, 9(2), 12, 2022 https://doi.org/10.22543/2392-7674.1355 WOS:000889305500012	Medicine	1,8	-	-	-
35.	Development and optimization of new capsaicin microemulsions for	Farmacia, 64(2), 187-193, 2016	Chemistry (Subdomeniu19 -	1,348	1,348	1,348	1,348

	topical administration <i>Victor Cojocaru, Ludmila Otilia Cintează*, Mariana Popescu, Natalița Ionescu (Bordei), Constantin Mircioiu</i>	https://www.researchgate.net/publication/284181705 WOS:000374432800005	Pharmacology and Pharmacy)				
36.	Application of Statistical Design of Experiments for the Optimization of Clodronate Loaded Liposomes for Oral Administration <i>Ioana Ailiesei, Valentina Anuta, Constantin Mircioiu, Victor Cojocaru, Ana Maria Orbesteanu, Ludmila Otilia Cinteza*</i>	Revista de Chimie, 67(8), 1566-1570, 2016 https://www.researchgate.net/publication/309576610 WOS:000384514200034	Chemistry, Multidisciplinary	1,232	1,232	1,232	1,232
37.	Polymer-clay nanocomposites obtained by solution polymerization of vinyl benzyl triammonium chloride in the presence of advanced functionalized clay <i>Raluca Ianchis, Dan Donescu, Ludmila Otilia Cinteza, Violeta Purcar*, Cristina Lavinia Nistor, Cristian Petcu, Cristian Andi Nicolae, Raluca Gabor, Silviu Preda</i>	Journal of Chemical Sciences, 126(3), 609-616, 2014 https://doi.org/10.1007/s12039-014-0621-0 WOS:000337149900008	Chemistry, Multidisciplinary	1,191	1,191	-	-
38.	Formulation and Evaluation of in Vitro Release Kinetics of Na3CADTPA Decorporation Agent Embedded in Microemulsion-Based Gel Formulation for Topical Delivery <i>Victor Cojocaru, Aurelian Emil Ranetti, Lavinia Georgeta Hinescu, Mihaela Ionescu, Cristiana Cosmescu, Angela Gabriela Poștoarcă, Ludmila Otilia Cintează*</i>	Farmacia, 63(5), 656-664, 2015 https://farmaciajournal.com/arhiva/201505/art-06-Cojocaru_Victor_656-664.pdf WOS:000363078000006	Chemistry (Subdomeniu19 - Pharmacology and Pharmacy)	1,162	1,162	1,162	1,162
39.	Influence of hydrophobic characteristic of organo-modified precursor on wettability of silica film <i>Violeta Purcar, Otilia Cinteza*, Marius Ghiurea, Adriana Balan, Simona Caprarescu, Dan Donescu</i>	Bulletin of Materials Science, 37(1), 107-115, 2014 https://doi.org/10.1007/s12034-014-0628-7 WOS:000335718100016	Material Science, Multidisciplinary	1,017	-	-	-
40.	Structural Studies and Optical Nonlinear Response of Some Pyrazole-5-Ones <i>Maria Marinescu, Ana Emandi, George Marton, Ludmila Otilia Cinteza, Catalin Constantinescu</i>	Nanoscience and Nanotechnology Letters, 7(10), 846-854, 2015 https://doi.org/10.1166/nnl.2015.2032 WOS:000369415400012	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	1,007	1,007	-	-
41.	Hybrid materials based on ZnO and SiO2 nanoparticles as	Industria Textila, 71(4), 297-301, 2020	Material Science	0,784	-	-	-

	hydrophobic coatings for textiles <i>Laura Chirila, Diana Elena Radulescu, Ludmila Otilia Cinteza*, Denisa Maria Radulescu, Maria Tanase, Ioana Rodica Stanculescu</i>	https://doi.org/10.35530/IT.071.04.1814 WOS:000574893800001					
42.	In vivo exposure of mice spleen to magnetite nanoparticles encapsulated in phospholipid polymeric micelles; An oxidative stress and structural approach <i>I. M. Popescu, L. O. Cinteza, A. Hermenean, A. Dinischiotu*</i>	Digest Journal of Nanomaterials and Biostructures, 10(3), 871-881, 2015 https://www.chalcogen.ro/871_Popescu.pdf WOS:000360175400016	Chemistry (Subdomeniu17 - Nanoscience and Nanotechnology)	0,756	0,756	-	-
43.	Synergism in mixed monolayers of alkylpolyglucoside and alkylsorbitan surfactants at liquid/liquid interface Otilia Cinteza *, <i>Manuela Dudau</i>	Journal of Surfactants and Detergents, 6, 259-264, 2003 https://doi.org/10.1007/s11743-003-0270-5 WOS:000184431300009	Chemistry (Subdomeniu8 - Chemistry, Physical)	0,686	0,686	0,686	0,686
44.	Rational design of silver nanoparticles with reduced toxicity and enhanced antimicrobial activity Ludmila Otilia Cinteza , <i>Sorina Nicoleta Voicu, Marcela Popa, Luminita Marutescu, Sabina Nitu, Raluca Somoghi, Cristina Lavinia Nistor, Cristian Petcu*</i>	Romanian Biotechnological Letters, 23(4), 13878-13886, 2018 https://rombio.unibuc.ro/wp-content/uploads/2022/05/23-4-18.pdf WOS:000443345900018	Biology and Biochemistry (Biotechnology and Applied Microbiology)	0,590	-	-	-
45.	Interaction of NaYF4:Er:Yb Nanoparticles with Phospholipid Monolayers as Models of Biological Membranes <i>Livia Petrescu</i> *, Otilia Cinteza , <i>Ana-Maria Voiculescu, Tudor Rosu, Ionut Enculescu, Elena Matei, Serban Georgescu, Ruxandra Birjega, Speranta Avram, Dan Mihailescu</i>	Revista de Chimie, 63(9), 956-961, 2012 http://bch.ro/pdfRC/PETRESCU%20L.pdf%209%2012.pdf WOS:000310928900021	Chemistry, Multidisciplinary	0,538	0,538	-	-
46.	Removal of some chromium contaminants from aqueous solutions using PANI-alginate gel beads <i>A. Olaru, I. Stanculescu, L.O. Cinteza*, H. Weissieker, P. Schaff</i>	Fresenius Environmental Bulletin, 18(10), 1851-1859, 2009 https://www.cabidigitallibrary.org/doi/full/10.5555/20103012944 WOS:000272581800011	Biology and Biochemistry (Environmental Science)	0,531	-	-	-
47.	Supercritical CO2 assisted synthesis of flower-like ZnO nanoparticles	Journal of Optoelectronics and Advanced Materials, 19(11-12), 800-805, 2017	Material Science, Multidisciplinary	0,390	-	-	-

	<u>L. O. Cinteza</u> , D. Bala, C. Tablet, E. Alexandrescu, R. Somoghi, V. Purcar, C. Gifu, R. Ianchis, C. Petcu*	https://joam.inoe.ro/articles/supercritical-co2-assisted-synthesis-of-flower-like-zno-nanoparticles/fulltext					
		WOS:000423251100018					
48.	Adsorption of some alkyloxyethylene pyridinium chlorides at solid-water interface <i>Irina Moater*</i> , <i>Mihaela Olteanu</i> , <u>Otilia Cinteza</u> , <i>Cristiana Rădulescu</i> , <i>Ionica Ionita</i>	Revista de Chimie, 59(2), 168-172, 2008 http://bch.ro/pdfRC/MOATER%20IRI.pdf	Chemistry, Multidisciplinary	0,389	0,389	-	-
		WOS:000247763000006					
49.	Sorption of nitrophenols derivatives from aqueous solutions by alginate beads (Sorbția pe bile de alginat a unor derivați nitrofenolici) <i>Sandu Peretz*</i> , <u>Otilia Cinteza</u> , <i>Angela Peretz</i>	Revista de Chimie, 58(11), 1129-1133, 2007 http://bch.ro/pdfRC/PER.pdf	Chemistry, Multidisciplinary	0,261	0,261	-	-
		WOS:000251833900026					
50.	Influence of the polymer on the release of hydrophilic drugs from microstructured carriers <u>Otilia Cinteza*</u> , <i>Manuela Dudau</i> , <i>Sandu Peretz</i>	Revue Roumaine de Chimie, 49(12), 1005-1013, 2004 http://revroum.lew.ro/wp-content/uploads/2004/12/Art%2007.pdf	Chemistry, Multidisciplinary	0,199	0,199	0,199	0,199
		WOS:000236234100007					
punctaj TOTAL candidat				135,971	113,565	68,314	64,280
punctaj Criterii minimale CNATDCU				100	70	50	25

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