



ACADEMIA ROMÂNĂ
SCOSAAR

Anexa nr.3

AVIZAT,

Director ȘCOALA DOCTORALĂ DE ȘTIINȚE CHIMICE

Dr. Marcela MIHAI

h. h. h.

1. Îndeplinirea standardelor IOSUD superioare standardelor minimale naționale* ☐ DA | ☐ NU
2. Îndeplinirea standardelor IOSUD egale standardelor minimale naționale* ☒ DA | ☐ NU

FIȘA DE ÎNDEPLINIRE A STANDARDELOR IOSUD

FIȘA DE VERIFICARE

a îndeplinirii standardelor IOSUD

Candidat: CS II Dr. **Cecilia Lete**

Criterii generale:

Categorie	Nmax (*)	FIC(**)	FIC _D (***)	FIC _{AP} (****)	FIC _{AC} (****)	H index
Habilitare						
Cerinte	50	100	70	50	25	13
Realizat	40	145,594	136,907	85,426	62,117	18

(*) Nmax – primele maxim N lucrari, organizate in ordinea descrescatoare a factorilor de impact a revistelor in care au fost publicate;

(**) FIC – factorul de impact cumulat minimal al revistelor in care s-au publicat lucrarile in cauza;

(***) FIC_D – factorul de impact cumulat minimal din publicatii in domeniile de cercetare publicate;

(****) FIC_{AP} – factorul de impact cumulat minimal din publicatii in calitate de autor principal (prim-autor si autor de corespondenta)

(*****) FIC_{AC} – factorul de impact cumulat minimal din publicatii in calitate de autor de corespondenta



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FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice de profesor și a gradului profesional CS I

Lista articole selectate (Nmax) publicate în reviste de specialitate de circulație internațională
(indexate de Web of Science)

CS II Dr. Cecilia Lete

Nr.	Lista lucrări	FIC	FIC _D	FIC _{AP}	FIC _{AC}
1	Nitrite electrochemical sensing platform based on tin oxide films Lete, C.* , Chelu, M., Marin, M., Mihaiu, S., Preda, S., Anastasescu, M., Calderón-Moreno, J.M., Dinulescu, S., Moldovan, C., Gartner, M. Sensors and Actuators B: Chemical, 2020, 316,128102	7,460	7,460	7,460	7,460
2	Silver nanostructures - poly(3,4-ethylenedioxythiophene) sensing material prepared by sinusoidal voltage procedure for detection of antioxidants' García-Guzmán, J.J., López-Iglesias, D., Cubillana-Aguilera, L., Bellido-Milla D., Palacios-Santander J.M., Marin M., Grigorescu S.D., Lete, C.* , Lupu, S Electrochimica Acta, 2021, 393,139082	7,336	7,336	7,336	7,336
3	"Development of Sonogel-Carbon based biosensors using sinusoidal voltages and currents methods" Juan José García Guzmán, Laura Cubillana Aguilera, Dolores Bellido Milla, Ignacio Naranjo Rodríguez, Cecilia Lete* , Jose María Palacios Santander, Stelian	6,393	6,393	6,393	6,393



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	Lupu, Sensors and Actuators B, 255 (2) 2018, 1525- 1535				
4	Use of sinusoidal voltages with fixed frequency in the preparation of tyrosinase based electrochemical biosensors for dopamine electroanalysis” Cecilia Lete , Boris Lakard, Jean-Yves Hihn, Francisco Javier del Campo, Stelian Lupu Sensors and Actuators B: Chemical, 240, 2017, 801-809	5,667	5,667	5,667	-
5	Sinusoidal voltage electrodeposition of PEDOT-Prussian blue nanoparticles composite and its application to amperometric sensing of H2O2 in human blood’ Lete, C. , Marin, M., Anghel, E.M., Preda, L., Matei, C., Lupu, S. Materials Science and Engineering C, 2019, 102, 661-669	6,000	6,000	6,000	-
6	MeNPs-PEDOT Composite-Based Detection Platforms for Epinephrine and Quercetin Leau, S.A., Marin, M., Toader, A.M., Anastasescu, M., Matei, C., Lete, C.* , Lupu, S. Biosensors, 14(7), 320, 2024	5,600	5,600	5,600	5,600
7	Azulene-ethylenediaminetetraacetic acid: A versatile molecule for colorimetric and electrochemical sensors for metal ions” Buica, G.-O., Lazar, I.-G., Birzan, L., Lete, C. , Prodana, M., Enachescu, M., Tecuceanu, V., Stoian, A.B., Ungureanu, E.-M. Electrochimica Acta, 263, 2018, 382-390	5,383	5,383	-	-
8	Electrochemical Sensing Platform Based on Metal Nanoparticles for Epinephrine and Serotonin Leau, S.A., Lete, C.* , Matei, C., Lupu, S. Biosensors, 13(8), 781, 2023	4,900	4,900	4,900	4,900
9	The Dimer of the DPPH Stable Radical Dobre, Adela; Lete, Cecilia ; Kuncser, Victor; Iacob, Nicusor; Mădălan, Augustin; Ionita,, Gabriela ; Harada, Mai; Kitagawa, Yasutaka; Ionita, Petre	4,300	4,300	-	-



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	ACS Omega, 10, 32, 36662, 2025				
10	"Raman and in Situ FTIR-ATR Characterization of polyazulene films and its derivative " B. Meana-Esteban, Cecilia Lete , C. Kvarnstrom, A. Ivaska Journal of Physical Chemistry B, 110 (46), pp 23343-23350, 2006	4,120	4,120	-	-
11	Novel biomimetic polymer-based material prepared by alternate currents method for electrochemical sensing platform development Sorina-Alexandra Leau, Cecilia Lete* , Cristian Matei, Stelian Lupu Journal of Electroanalytical Chemistry 1001 (2026) 119703	4,100	4,100	4,100	4,100
12	A sensitive electrochemical sensor based on sonogel-carbon material enriched with gold nanoparticles for melatonin determination Lete C.* , López-Iglesias D., García-Guzmán J.J., Leau S.-A., Stanciu A.E., Marin M., Palacios-Santander J.M., Lupu S., Cubillana-Aguilera L. Sensors, 2022, 22 (1), 120	3,900	3,900	3,900	3,900
13	Copper(II) Oxide Nanoparticles Embedded within a PEDOT Matrix for Hydrogen Peroxide Electrochemical Sensing Lete, C.* , Spinciu, A.-M., Alexandru, M.-G., Leau S. A., Calderón-Moreno, J.M., Marin, M., Visinescu, D. Sensors 22(21), 8252, 2022	3,847	3,847	3,847	3,847
14	In situ electrodeposition of biocomposite materials by sinusoidal voltages on microelectrodes array for tyrosinase based amperometric biosensor development" Stelian Lupu, Cecilia Lete , Paul Catalin Balaure, Francisco Javier del Campo, Francesc Xavier Munoz, Boris Lakard, Jean-Yves Hihn Sensors and Actuators B, 181, 136–143, 2013	3,840	3,840	-	-
15	Poly(3,4-ethylenedioxythiophene)-modified electrodes for tryptophan voltammetric sensing'	3,807	3,807	3,807	3,807



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	Karabozhikova, V., Tsakova, V., Lete, C.* , Marin, M., Lupu, S. Journal of Electroanalytical Chemistry, 2019, 848, 113309				
16	Nanocomposite Materials based on Metal Nanoparticles for the Electrochemical Sensing of Neurotransmitters Leau, S.-A., Lete, C.* , Lupu, S. Chemosensors, 11(3), 179, 2023	3,700	3,700	3,700	3,700
17	Redox active extended networks constructed from the three-fold symmetrical TPymT ligand [2,4,6-Tris(2- pyrimidyl)-1,3,5-triazine] and silver(I) ions, Lete, C. , Visinescu, D., Shova, S., Maxim, C., Alexandru, M.-G., Journal of Solid State Chemistry 313,123292, 2022	3,656	3,656	3,656	--
18	Electrochemical sensors based on platinum electrodes modified with hybrid inorganic-organic coatings for determination of 4-nitrophenol and dopamine" Stelian Lupu, Cecilia Lete* , Mariana Marin, Nicolae Totir and P. C. Balaure Electrochimica Acta, 54, 1932-1938, 2009	3,325	3,325	3,325	3,325
19	Graphite electrode-assisted electroless deposition of palladium in the absence and presence of poly(3,4- ethylenedioxythiophene) coatings' Nakova, A., Anghel, E.M., Lete, C. , Lupu, S., Boijadjieva-Scherzer, T., Tsakova, V. Synthetic Metals, 2019, 247, 18-25	3,286	3,286	-	-
20	Assessment of the Polyphenol Indices and Antioxidant Capacity for Beers and Wines Using a Tyrosinase-Based Biosensor Prepared by Sinusoidal Current Method', García-Guzmán, J.J., López-Iglesias, D., Cubillana-Aguilera, L., Lete, C. , Lupu, S., Palacios-Santander, J.M., Bellido-Milla, D., Sensors, 2019 19 (1), 66	3,275	3,275	-	-
21	New dicyanide-salen based chromium(III) complexes: Synthesis, crystal structures, electrochemical and thermal investigations Mocanu, T., Ene, C.D., Culita, D.C., Lete, C. , Marinescu, G., Andruh, M.	4,000	4,000	-	-



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	Journal of Molecular Structure, 1285, 135463, 2023				
22	Zwitterion or diradicaloid? The case of diazenium betaines derived from DPPH Dobre, A.F., Madalan, A.M., Ionescu, S., Lete, C. , Matache, M., Ionita, P. Journal of Molecular Structure, 1275, 134703 2023	4,000	-	-	-
23	The electrochemical detection of ammonia in drinking water based on multi-walled carbon nanotube/copper nanoparticle composite paste electrodes" Federica Valentini, Vanessa Biagiotti, Cecilia Lete , Giuseppe Palleschi, Joseph Wang Sensors and Actuators B 128, 1, 326-333, 2007	2,934	2,934	-	-
24	Electrochemical Studies of Azulene Modified Electrodes Veronica Anăstăsoaie, Ovidiu Teodor Matica, Cecilia Lete, Raluca Isopescu, Vesna Miskovic-Stankovic, Eleonora-Mihaela Ungureanu Symmetry 2023, 15(2), 514	2,200	2,200	-	-
25	Electrosynthesis and Characterization of poly(2-[(E)-2-azulen-1-ylvinyl] thiophene) using polyazulene as model compound" Cecilia Lete , Beatriz Meana Esteban, Carita Kvarnström, Alexandru C. Razus and Ari Ivaska Electrochimica Acta 52, 6476-6483, 2007	2,848	2,848	2,848	-
26	The electrochemistry of copolymer films based on azulene and 3 thiophene acetic acid" Cecilia Lete* , Bhushan Gadgil, Carita Kvarnström J. Electroanal.Chem., 742, 30-36, 2015	2,822	2,822	2,822	2,822
27	Multi-analyte determination of dopamine and catechol at single-walled carbon nanotubes - conducting polymer - tyrosinase based electrochemical biosensors" Cecilia Lete , Stelian Lupu, Boris Lakard, Jean-Yves Hihn, Francisco Javier del Campo	2,822	2,822	2,822	-



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	J. Electroanal.Chem., 744, 53-61, 2015				
28	Electrochemical sensing of caffeic acid using gold nanoparticles embedded in poly(3,4-ethylenedioxythiophene) layer by sinusoidal voltage procedure' Bottari, D., Pigani, L., Zanardi, C. Terzi, F., Paturca, S.V., Grigorescu, S.D., Matei, C., Lete, C. , Lupu, S. Chemosensors, 2019 7(4), 65	3,108	3,108	-	-
29	Electrochemical determination of α -lipoic acid in human serum at platinum electrode" M. Marin, Cecilia Lete , B.N. Manolescu, S. Lupu J. Electroanal. Chem, 729, 128-134, 2014	2,729	2,729	-	-
30	'Polyazulene-based materials for heavy metal ion detection. 3. (e)-5-((6-t-butyl-4,8-dimethylazulen-1-yl) diazenyl)-1h-tetrazole-based modified electrodes' Enache, L.-B., Anăstăsoaie, V., Lete, C. , Brotea A.G., Matica O.T., Amarandei C.A., Brandel J., Ungureanu, E.M., Enăchescu, M. Symmetry, 2021 13(9),1642	2,940	2,940	-	-
31	Electrochemical sensors based on antimony tin oxide-Prussian blue screen-printed electrode and PEDOT-Prussian blue for potassium ion detection <u>Leau, S.A.</u> , Lete, C.* , <u>Marin, M.</u> , del Campo, Francisco Javier, <u>Diaconu, I.</u> , <u>Lupu, S.</u> Journal of Solid State Electrochemistry, 2023, 27(7), 1755	2,6	2,6	2,6	2,6
32	Proflavin-based biomimetic systems: fluorescence emission monitoring and antioxidant activity assessment Voicescu, M., Lete, C. , Culita, D.C., Seciu-Grama, A.-M., Craciunescu, O. New Journal of Chemistry, 49(25), pp. 10560, 2025	2,5	2,5	-	
33	Dopamine electroanalysis using electrochemical biosensors prepared by a sinusoidal voltage method" Stelian Lupu, Cecilia Lete , Francisco Javier del Campo	2,471	2,471	-	-



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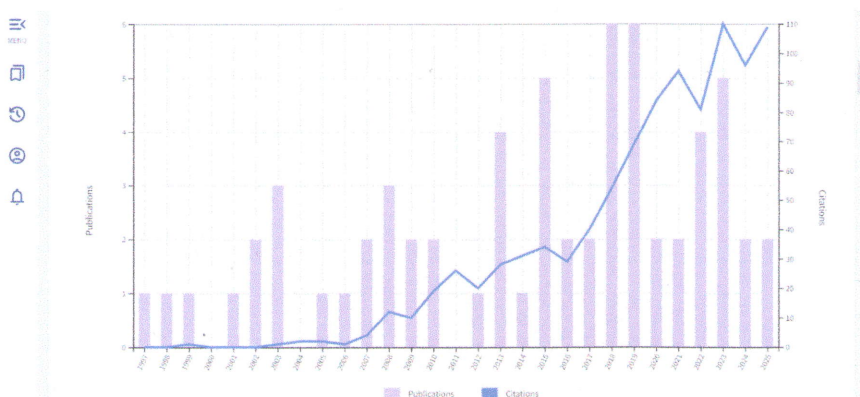
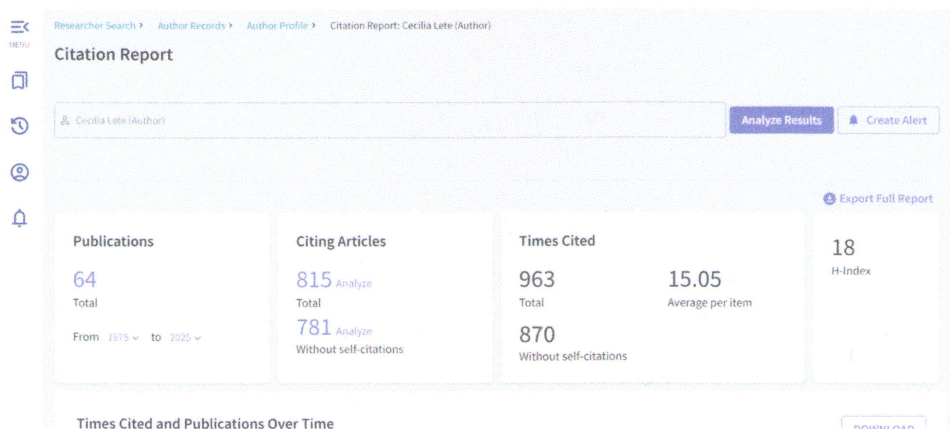
	Electroanalysis, 27, 1-12, 2015				
34	Electrochemical deposition of Pt–RuOx·nH ₂ O composites on conductive diamond and its application to methanol oxidation in acidic media Spătaru, T., Preda, L., Osiceanu, P., Lete, C. , Spătaru, N., Fujishima, A. Electrocatalysis, 7(2), pp. 140–148, 2015	2,347	2,347	-	-
35	The influence of supporting electrolyte on electrochemical properties of copolymer films based on azulene and 3 thiophene acetic acid” Cecilia Lete* , Florina Teodorescu, Elena Maria Anghel, Stelian Lupu, Tanta Spataru J. Solid State Electrochem., 19, 1875–1883, 2015	2,327	2,327	2,327	2,327
36	Electrochemical and microgravimetric studies of poly[3,4-ethylenedioxythiophene]-tyrosinase biocomposite material electrodeposited onto gold electrodes by a sinusoidal voltages method” C. Lete , D. Berger, C. Matei, S. Lupu J. Solid State Electrochem., 20 (11), 3043–3051, 2016	2,316	2,316	2,316	-
37	Development of Amperometric Biosensors Based on Nanostructured Tyrosinase-Conducting Polymer Composite Electrodes” Stelian Lupu, Cecilia Lete , Paul Cătălin Balaure, Dan Ion Caval, Constantin Mihailciuc, Boris Lakard, Jean-Yves Hihn, Francisco Javier del Campo Sensors 13, 6759-6774, 2013	2,048	2,048	-	-
38	Physicochemical and Antioxidant Properties of Riboflavin in Dextran70/HSA Systems Voicescu, M., Ionescu, S., Lete, C. Journal of Fluorescence, 28(4), pp. 889–896 2018	1.913	-	-	-
39	A comparison between nitroxide and hydrazyl free radicals in selective alcohols oxidation Shakir, A.J., Madalan, A.M., Ionita, G.,	1.707	-	-	-



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	Lete, C., Lupu, S., Ionita, P. Chemical Physics, 490, pp. 7–11, 2017,				
40	Functional effects of the deposition substrate on the electrochemical behavior of platinum particles Spătaru, T., Osiceanu, P., Marcu, M., Lete, C. , Munteanu, C., Spătaru, N. Japanese Journal of Applied Physics, 51(9), 090119, 2012	1,067	-	-	-
TOTAL		145,594	136,907	85,426	62,117



Data: 18.12.2025

Semnătura

Dr. Cecilia Lete