Universitatea Naţională de Ştiinţă şi Tehnologie POLITEHNICA Bucureşti
Facultatea: **Inginerie Chimică şi Biotehnologii**
Departamentul: **Chimie anorganică, Chimie fizică şi Electrochimie**
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Gradul didactic: **Profesor**

L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

A.Cojocaru - Teza de doctorat cu titlul "Studii electrochimice pe electrozi semiconductori. procese anodice pe dioxid de staniu" susţinută la Universitatea Politehnica din Bucureşti, conducător de doctorat Prof.dr.ing. Teodor Vişan

B. Cărţi si capitole în cărţi publicate (selectie)

1. **Anca Cojocaru**, Ioana Maior, Simona Căprărescu, Ioana-Alina Ciobotaru, Dănuţ-Ionel Văireanu, Electrochimia aplicată în ingineria economică, Ed. Electra, 2015, ISBN: 978-606-507-081-3 (280p)
2. V. Feroiu, A.M. Josceanu, O. Iulian, A.V. Crişciu, A. Cotarţă, **A. Cojocaru**, I. Maior, cap. 5, p. 109-134 şi cap. 7, p. 157-181, în: Suport de curs pentru programele „Privim către viitor – e-Chimie, Basic IT skills, TIC Chimie, Inovare in predarea şi Invăţarea chimiei", vol. 3 Chimie fizică şi electrochimie, Ed. Politehnica Press, Bucureşti, 2012 ISBN 978-606-515-406-3
3. **A. Cojocaru**, I. Maior, „Studii şi aplicaţii de coroziune şi dizolvare anodică a metalelor", Ed. ELECTRA, Bucureşti, 2010. ISBN 978-606-507-049-3
4. I. Maior, **A. Cojocaru**, „Principii şi aplicaţii ale conversiei şi stocării electrochimice a energiei", Ed. Electra, Bucureşti, 2010. ISBN 978-606-507-050-9

C. Lucrări indexate ISI/BDI publicate (selectie)

1. Ciobotaru, I.A., Ismail, F.B., Budei, R., **Cojocaru, A.** and Vaireanu, D.I., 2024. The effect of anodization and thermal treatment on Mixed-Oxide layer formation on TI–ZR alloy. *Coatings*, *14*(9), p.1217. **WOS:001323156600001** Q2
2. Lungu, M.V., Tălpeanu, D., Ciobanu, R.C., **Cojocaru, A.**, Pătroi, D., Marinescu, V. and Caramitu, A.R., 2024. Evaluation of magnetron sputtered TiAlSiN-based thin films as protective coatings for tool steel surfaces. *Coatings*, *14*(9), p.1184. **WOS:001323653600001** Q2
3. Ciobotaru, I.A., Stoicanescu, M., Budei, R., **Cojocaru, A.** and Vaireanu, D.I., 2024. Considerations Regarding Sandblasting of Ti and Ti6Al4V Used in Dental Implants and Abutments as a Preconditioning Stage for Restorative Dentistry Works. *Applied Sciences*, *14*(16), p.7365. **WOS:001305022800001** Q1
4. State, Sabrina Patricia, Stefania Costovici, Mirsajjad Mousavi, Yaiza Gonzalez Garcia, Caterina Zanella, **Anca Cojocaru**, Liana Anicai, Teodor Visan, and Marius Enachescu. "Electrodeposited Sn-Cu-Ni alloys as lead-free solders on copper substrate using deep eutectic solvents: The influence of electrodeposition mode on the morphology, composition and corrosion behaviour." Surface and Coatings Technology 477 (**2024**): 130324. **WOS:001148267500001** Q1
5. Costovici, S., Pantazi, A., Balan, D., Cojocaru, A., Visan, T., Enachescu, M. and Anicai, L., **2023**. Electrodeposition of Tin-Reduced Graphene Oxide Composite from Deep Eutectic Solvents Based on Choline Chloride and Ethylene Glycol. Metals, 13(2), p.203. **WOS:000941503300001** Q2

6. Nicoara, A.I., Voineagu, T.G., Alecu, A.E., Vasile, B.S., Maior, I., **Cojocaru, A.**, Trusca, R. and Popescu, R.C., 2023. Fabrication and Characterisation of Calcium Sulphate Hemihydrate Enhanced with Zn-or B-Doped Hydroxyapatite Nanoparticles for Hard Tissue Restoration. Nanomaterials, 13(15), p.2219. WOS:001045564000001
7. Costovici, S., Pantazi, A., Balan, D., **Cojocaru, A.**, Visan, T., Enachescu, M. and Anicai, L., 2023. Electrodeposition of tin-reduced graphene oxide composite from deep eutectic solvents based on choline chloride and ethylene glycol. Metals, 13(2), p.203. WOS:000941503300001 eISSN 2075-4701
8. Badea, G.E., Hora, C., Maior, I., **Cojocaru, A.**, Secui, C., Filip, S.M. and Dan, F.C., 2022. Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development. Energies, 15(22), p.8560. WOS:000887263700001 eISSN 1996-1073
9. Maior, I., **Cojocaru, A.**, Ciobotaru, I.A., Văireanu, D.I. and Badea, G.E., 2022, August. Influence of Deacetylation Degree of Chitosan on the Anticorrosive Properties of Carbon Steel Coatings. In Macromolecular Symposia (Vol. 404, No. 1, p. 2100435). DOI 10.1002/masy.202100435 WOS:000842344000073 ISSN: 1022-1360 eISSN :1521-3900
10. Patrascu, M.T., Busuioc, A.D., Busuioc, C., Cotarta, **A., Cojocaru**, A., Visan, T. and Vaireanu, D.I., 2021. Experimental Study on the Corrosion of Carbon Steel and Aluminum Alloy in Firefighting Protein Foam Concentrates. Materials, 14(23), p.7259. WOS:000735361700001
11. Komartin, R.S., Balanuca, B., Necolau, M.I., **Cojocaru, A.** and Stan, R., 2021. Composite Materials from Renewable Resources as Sustainable Corrosion Protection Coatings. Polymers, 13(21), p.3792. WOS:000718561400001 PubMed ID34771350 eISSN2073-4360
12. Baciu Dora Domnica, Ruxandra Bîrjega, Valentina Mărăscu, Rodica Zăvoianu, Andreea Matei, Angela Vlad, **Anca Cojocaru**, Teodor Visan. "Enhanced voltammetric response of monosodium glutamate on screen-printed electrodes modified with NiAl layered double hydroxide films." Surfaces and Interfaces 24 (2021): 101055. ISSN 2468-0230 DOI10.1016/j.surfin.2021.101055 ISSN:2468-0230 WOS:000663426900002
13. Talpeanu, Dorinel, Magdalena Valentina Lungu, **Anca Cojocaru**, Delia Patroi, and Virgil Emanuel Marinescu. "Study on Porous Hydroxyapatite Based Ceramic Materials as Bone Substitutes for Cranioplasty." REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS 51, no. 2 (2021): 178-185. ISSN 1583-3186 WOS:000657773500005
14. Talpeanu, Dorinel, Magdalena Valentina Lungu, Delia Patroi, and **Anca Cojocaru**. "Influence of Sintering Temperature on the Properties of Some Spark Plasma Sintered Titanium-Hydroxyapatite Materials." REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS 51, no. 2 (2021): 169-177. ISSN 1583-3186 WOS:000657773500004
15. **Cojocaru, Anca**, Ioana Maior, Ioana Alina Ciobotaru, and Dănuţ-Ionel Văireanu. "The Influence of Chitosan Biopolymer on Aluminum Corrosion Resistance in Chloride Ions Environment." In Macromolecular Symposia, vol. 396, no. 1, p. 2000317. 2021. WOS:000641766900002
16. Rosoiu, S.P.; Pantazi, A.G.; Petica, A.; **Cojocaru, A.**; Costovici, S.; Zanella, C.; Visan, T.; Anicai, L.; Enachescu, M. Electrodeposition of NiSn-rGO Composite Coatings from Deep Eutectic Solvents and Their Physicochemical Characterization. Metals 2020, 10, 1455.
17. Dora Domnica Baciu, Andreea Matei , **Anca Cojocaru** , Teodor Visan, Electrochemical impedance spectroscopy in nitrate solutions containing monosodium glutamate using screen-printed electrodes, U.P.B. Sci. Bull., Series B, 82(3), 2020, pg. 47-62
18. Rosoiu, Sabrina Patricia, Aida Ghiulnare Pantazi, Aurora Petica, **Anca Cojocaru**, Stefania Costovici, Caterina Zanella, Teodor Visan, Liana Anicai, and Marius Enachescu. "Comparative Study of Ni-Sn Alloys Electrodeposited from Choline Chloride-Based Ionic Liquids in Direct and Pulsed Current." Coatings 9, no. 12 (2019): 801. WOS: 000506682800030
19. L.Anicai, I.Sin, O.Brincoveanu, S.Costovici, A.Cotarta, **A. Cojocaru**, M.Enachescu, T.Visan Electrodeposition of lead selenide films from ionic liquids based on choline chloride, Applied

Surface Science, 475, 2019, pg. 803-812, https://doi.org/10.1016/j.apsusc.2018.12.191, WOS:000458482100095

20. Barbu, Oana Claudia Ciobotea, Ioana Alina Ciobotaru, **Anca Cojocaru**, Florin Mihai Benga, and Danut Ionel Vaireanu. "SEM, EDS and electrical capacitance study on electrodeposited Ni-Cu layers, Revista de chimie 70(9), (2019), 3210-3212. https://doi.org/10.37358/RC.19.9.7518 WOS: 000489958900024
21. Ciobotea-Barbu, Oana Claudia, Ioana-Alina Ciobotaru, **Anca Cojocaru**, Florin-Mihai Benga and Danut-Ionel Vaireanu. "Practical Considerations Regarding the Electrodeposition of Ni-Cu Layers as Potential Supercapacitors Plates." Rev. Chim., 70(8), 2019 2235-2239. https://doi.org/10.37358/RC.19.7.7334 WOS: 000485843500007
22. Maior, Ioana, Gabriela Elena Badea, **Anca Cojocaru**, Anca Maria Cimbru, Simona Bungau, and Laura Endres. "Cr (VI) Ion Reduction Reaction on Nickel and Stainless Steel Electrodes in Acid Medium." Rev. Chim.(Bucharest), 70(7), 2019, 2321-2324. https://doi.org/10.37358/RC.19.7.7331 WOS: 000485843500004
23. **Cojocaru, A.**; Brincoveanu, O.; Pantazi, A.; Balan, D.; Enachescu, M.; Visan, T.; Anicai, L., Electrochemical preparation of Ag nanoparticles involving choline chloride glycerol deep eutectic solvents Bulgarian Chemical Communications 49 C pp. 194-204, 2017 WOS:000418299200023 ISSN: 0324-1130
24. **A. Cojocaru**, P. Prioteasa, E. Radu, O. Udrea, I. Szatmari, T. Visan „EIS studies on biocorrosion of some steels and copper in Czapek-Dox medium with Aspergillus niger filamentous fungus'', Rev. Chim.(Bucharest), 67(7), pp. 1264-1270, 2016 WOS:000385513000006
25. A.-S.Catrangiu, I.Sin, P.Prioteasa, A.Cotarta, **A.Cojocaru**, L.Anicai, T.Visan, Studies of antimony telluride and copper telluride films electrodeposition from choline chloride containing ionic liquids, Thin Solid Films, 611, 2016, pp. 88–100 WOS:000377933200015
26. Ciobotaru, I.-A., Maior, I., Vaireanu, D.-I., **Cojocaru, A.**, Caprarescu, S., Ciobotaru, I.-E. The determination of the optimum hydrolysis time for silane films deposition, 2016, Applied Surface Science, 371, pp. 275-280 WOS:000375052200034
27. Catrangiu, A.-S. ; Beregoi, M.; **Cojocaru, A.**; Anicai, L.; Cotarta, A.; Visan, T., Electrochemical Deposition of Zinc Telluride Thin Films From Ethaline Ionic Liquid, Chalcogenide Letters, 13(5), pp. 187-199, 2016 WOS:000377186200001
28. **Cojocaru, A.**; Sin, I.; Agapescu, C.; Cotarta, A.; Visan, T., Electrode Processes and Sem/Edx Analysis of Selenium Films Electrodeposited from Ionic Liquids Based on Choline Chloride, Chalcogenide Letters, 13(3), pp. 127-138, 2016 WOS:000377185200005
29. **Cojocaru, A.**, Mares, M.L., Prioteasa, P., Anicai, L., Visan, T. Study of electrode processes and deposition of cobalt thin films from ionic liquid analogues based on choline chloride (2015) Journal of Solid State Electrochemistry, 19 (4), pp. 1001-1014 WOS:000351702700007
30. Maior, I., Ciobotaru, I.-A., Căprărescu, S., **Cojocaru, A.**, Văireanu, D.-I. Electrochemical studies on modified organosilanes composite coatings for aluminium corrosion inhibition, 2015, Studia Universitatis Babes-Bolyai Chemia, 60 (3), pp. 87-98 WOS:000369162200008
31. Szatmari, I., Lingvay, M., Tudosie, L., **Cojocaru, A.**, Lingvay, I. Monitoring results of polyethylene insulation degradability from soil buried power cables, 2015, Revista de Chimie, 66 (3), pp. 304-311 WOS:000352756300003
32. Meliţă, D., **Cojocaru, A.**, Truşcă, R., Stoleriu, Ş. New approach for partially oxidized zirconium obtaining via electrochemical anodic dissolution [Noi abordări pentru obţinerea zirconiului oxidat parţial prin dizolvare anodică] (2015) Revista Romana de Materiale/ Romanian Journal of Materials, 45 (3), pp. 272-281 WOS:000361783400010
33. Costovici, S.; Petica, A.; Dumitru, C.-S.; **Cojocaru, A.**, Anicai, L., Electrochemical Synthesis of ZnO Nanopowder Involving Choline Chloride Based Ionic Liquids, Chemical Engineering Transactions 41 pp. 343-348, 2014 WOS:000346539800058

34. Anicai, L.; Costovici, S.; **Cojocaru, A.**; Manea A., Visan T., Electrodeposition of Co and CoMo alloys coatings using choline chloride based ionic liquids - evaluation of corrosion behavior, Transactions of The Institute of Metal Finishing 93(6) pp. 302-312, 2015 WOS:000368151400005
35. C.S. Dumitru, M.Sima, **A.Cojocaru**, Electrochemical Studies On The Growth Process of The Zinc Oxide Films From Nitrate Solutions, 2014, Revista de Chimie, 65(7), p. 835-839 WOS:000345545600019
36. A. I. Enache (Bontos), D.- I. Vaireanu, **A.Cojocaru**, A Novel Approach For Identifying Potential Interactions Between Alcoholic Beverages And Their Polyethylene Terephthalate (Pet) Packaging Materials, 2014, Revista de Chimie, 65(5), p. 570-573 WOS:000337011900014
37. F.Golgovici, M.L.Mares, **A. Cojocaru**, Electrodeposition of Cobalt and Cobalt-Antimony from Non-Aqueous Media Containing Ethylene Glycol, 2014, Revista de Chimie, , 65(1), p. 98-104 WOS:000334150300020
38. A.M.Popescu, **A.Cojocaru**, C.Donath, V.Constantin, Electrochemical Study and Electrodeposition of Copper(I) in Ionic Liquid-reline, 2013, Chem. Res. Chin. Univ. 29 (5), p. 991-997, WOS:000325359400032
39. M.L. Mares, O. Ciocirlan, **A.Cojocaru**, L. Anicai, Physico-chemical and electrochemical studies in choline chloride based ionic liquid analogues containing trivalent chromium chloride, Revista de Chimie, 64(8), 2013, p. 815-824 WOS:000330329400006
40. C. Agapescu, **A.Cojocaru**, A. Cotarta, T. Visan, Electrodeposition of bismuth, tellurium, and bismuth telluride thin films from choline chloride–oxalic acid ionic liquid, J Appl Electrochem., 2013, 43, p.309-321, WOS:000314683800008

D. Lucrări publicate în reviste şi volume de conferinţe cu referenţi (selectie) (neindexate)

- Reviste

1. Ioana MAIOR, **Anca COJOCARU**, Gabriela-Elena BADEA, Ioana-Maria NICOLA, Ioana-Alina CIOBOTARU, Andrada-Elena ALECU, Anticorrosion Protective Coatings by Adsorbed Natural Extract Inhibitor for Mild Steel Corrosion in Neutral Solutions, Analele Universităţii din Oradea ISSN: 1224-7626, Fascicula Chimie XXV(25) 2018, pg. 23-28 Indexata Chemical Abstracts Service-CAS Source Index (CASSI), Academic Research Index-ResearchBiB
2. Ioana-Alina CIOBOTARU, Oana-Claudia CIOBOTEA BARBU, **Anca COJOCARU**, Ioana MAIOR, Florin-Mihai BENGA, Danut-Ionel VAIREANU, Electrochemical Studies on Reinforced BTSE Coatings Deposited on Anodized Aluminium, Bulletin of Romanian Chemical Engineering Society, 5(1), 2018 ISSN 2360-4697, EBSCO, PROQUEST, Indexat Copernicus
3. D.Tălpeanu, **A.Cojocaru**, R.I.Zamfir (Andronic), M.Bane, S.Ciuca, Comparative tests on corrosion resistance of some titanium-hydroxyapatite based nanocomposites UPB Sci. Bull. Series B, 78(3), 2016, p. 185-194. ISSN 1454–233 CNCSIS B+, cod 50
4. C.-S. Dumitru, **A.Cojocaru**, L.Anicai, A.Cotarta, T.Visan Electrodeposition of Zinc Oxide Films From Choline Chloride Based Ionic Liquid Media Containing Zinc and Nitrate Ions, UPB Sci. Bull. Series B, 78(3), 2016, p. 59-74. ISSN 1454–2331 CNCSIS B+, cod 50
5. I.A. Ciobotaru, D.I. Văireanu, I. Maior, **A. Cojocaru**, S. Căprărescu, Electrochemical Techniques as a Useful Aid for Deposition and Characterisation of Silane Coatings, Bull. Rom. Chem. Eng. Soc., 2 (1), pp. 56–64, 2015; ISSN 2360-4697
6. Szatmári, I., Tudosie, L.,-M., **Cojocaru, A.**, Lingvay, M., Prioteasa, P., Vişan, T., Studies on biocorrosion of stainless steel and copper in czapek dox medium with aspergillus Niger filamentous

fungus, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 77(3), 2015, p. 91-102 CNCSIS B+, cod 50

7. M.L. Mares Badea, **A.Cojocaru**, L.Anicai, Electrode processes in ionic liquid solvents as mixtures of choline chloride with urea, ethylene glycol or malonic acid, UPB Sci. Bull. Series B, 76(3), 2014, p. 21-32. ISSN 1454–2331 CNCSIS B+, cod 50

8. R.Cătrănescu, I.Bobîrnac, M.Crişan, **A.Cojocaru**, I.Maior, Studies regarding electrochemical polymerization of aniline in ionic liquid and polymer properties (2012) UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 74(1), p. 49-58. ISSN 1454–2331 CNCSIS B+,

- Selecţie cu maximum 20 lucrări în volume de conferinţe

1. **Anca Cojocaru**, Sabrina Patricia Rosoiu, Oana Lazar, Stefania Costovici, Aida Ghiulnare Pantazi, Marius Enachescu, Liana Anicai, Teodor Visan, Electroreduction of Ni and Co in the presence of MWCNT in choline chloride based ionic liquids The 71st Annual Meeting of the International Society of Electrochemistry Electrochemistry towards Excellence, 30 August-4 September 2020, Belgrade, Serbia, s10-005

2. George Costin Lazar, **Anca Cojocaru**, Marina Patrascu, Claudiu Campureanu, Danut-Ionel Vaireanu, Practical way of reducing the conductivity measurements experimental errors,20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 6-9 septembrie 2017, Poiana Braşov, Romania

3. Florin-Mihai Benga, Danut-Ionel Vaireanu, Ioana-Alina Ciobotaru, **Anca Cojocaru**, Irina-Elena Ciobotaru, A novel use for reconditioned Li-polymer rechargeable batteries, 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), 6-9 septembrie 2017, Poiana Braşov, Romania;

4. L.Anicai, **A.Cojocaru**, I.Sin, A.Cotarta, M.Enachescu, T.Visan, Electrodeposition of Lead Telluride and Selenide Films from Ionic Liquids Based on Choline ChlorideThe 67th Annual Meeting of the International Society of Electrochemistry, 21-26 August, 2016 The Hague, The Netherlands, s14-002

5. **A.Cojocaru**, A.Petica, O.Brincoveanu, A.Ghiulnare Pantazi, D.Balan, M.Enachescu, T.Visan, L.Anicai, Synthesis of Ag nanostructures by electrochemical deposition involving choline chloride based ionic liquids, 11th International Symposium on Electrochemical Micro & Nanosystem Technologies (EMNT2016), 17 -19 August 2016 Brussels, Belgium

6. I.Sin, **A.Cojocaru**, L.Anicai, A.Cotârţă, T.Vişan, Electrode processes during SeTe and PbSeTe film formation using deep eutectic solvents based on choline chloride International Conference SICHEM 2016 University Politehnica Bucharest 8-9 septembrie 2016, Book of abstracts p. 17

7. **A.Cojocaru**, I.Maior, G. E. Badea, I.-A.Ciobotaru, S.Căprărescu, D.-I.Văireanu, Comparative Evaluation of Natural and Commercial Scale Inhibitors, poster presentation 19th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE) , 2-5 sept 2015, Sibiu, Romania

8. A.S. Catrangiu, P. Prioteasa, A. Cotarta, **A. Cojocaru**, L. Anicai, T. Visan, Studies of antimony-tellurium and copper–tellurium films electrodeposition from choline chloride-containing ionic liquids, 16th Int. Conf. of Thin Films, October 13-16 2014, Dubrovnik, Croatia, Book of abstracts, p. 137

9. I. Sin, A.S. Catrangiu, P. Prioteasa, A. Cotarta, **A. Cojocaru**, L. Anicai, T. Visan, Studies of antimony-tellurium and copper–tellurium electrodeposition from choline chloride-oxalic acid ionic liquid, 10th European Sympos. on Electrochem. Eng., Sept. 28 – October 2, 2014, Chia, Domus de Maria, Sardinia, Italy, Book of abstracts, p. 48

10. S. Costovici, A. Petica, C.S. Dumitru, **A. Cojocaru**, L. Anicai, Electrochemical synthesis on ZnO nanopowder involving choline chloride based ionic liquids, Chemical Engineering Transactions, 41, 2014, p. 343-348. DOI: 10.3303/CET1441058 ISBN 978-88-95608-32-7; ISSN 2283-9216, Număr de revistă cotat ISI Proceedings http://www.aidic.it/cet/14/41/programma.html WOS:000346539800058

11. **A. Cojocaru**, I. Maior, S. Căprărescu, F.N. Bîldea, D.-I. Văireanu, Preparation of polyaniline modified electrode in ionic liquid and its applications in ascorbic acid detection, 18th Romanian International Conference on Chemistry and Chemical Engineering, September 4-7, 2013, Sinaia, Romania

12. L. Anicai, M.L. Mares (Badea), **A. Cojocaru**, P. Prioteasa, T. Visan, Electrodeposition of chromium and cobalt, from ionic liquids based on choline chloride, poster at Fourth Regional Symposium on Electrochemistry: South-East Europe, RSE-SEE-4, May 26-30, 2013, Ljubljana, Slovenia, Book of abstracts, Session 6:SDE-P-04, p. 81

13. I. Maior, **A. Cojocaru**, D-I. Văireanu, S. Căprărescu, Electrochemical Characterization of Several Natural Extracts With Inhibition Properties of Mineral Scales on Copper, Third Regional Symposium on Electrochemistry: South-Eastern Europe, Bucharest, Romania, May 13 – 17, 2012, Section: Environmental Electrochemistry EEH-P-05, Book of Abstracts p. 55

E. Brevete obţinute în întreaga activitate

1. Lingvay Iosif, Pîrvu Lucia Camelia, Văireanu Dănuţ - Ionel, Lingvay Carmen, Nita Sultana, Cojocaru Anca, Colceru Mihai Svetlana, Maior Ioana, Inhibitor ecologic destinat controlului simultan al coroziunii si al depunerilor de crusta si procedeu de obtinere, Dosar OSIM nr. A/00900: 13.09.2011

2. Sima M, Cojocaru A, Method for producing a thermoelectric material, involves depositing electrochemical deposition of nanoyarns in nanoporous polycarbonate membrane contacted on one side with metal layer, Patent Number(s): RO127531-A0 ; RO127531-B1 Publ. Date 30 Jun 2014