

Lista lucrărilor științifice
Prof.dr.ing. Anca COJOCARU

A. Lucrări indexate ISI/BDI

1. 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 Q1**
2. Baci, Dora Domnica, Ruxandra Bîrjega, Valentina Mărăscu, Rodica Zăvoianu, Andreea Matei, Angela Vlad, Anca Cojocaru, and 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. **WOS:000663426900002 Q1**
3. 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 Q1**
4. 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. **WOS:000657773500005**
5. Talpeanu, Dorinel, Magdalena Valentina Lungu, Delia Patroi, and Anca Cojocaru, Virgil Emanuel Marinescu. "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. **WOS:000657773500004**
6. **Cojocaru, Anca**, Ioana Maior, Ioana Alina Ciobotaru, and Dănuț-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**
7. 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. **WOS:000594015600001 Q2**
8. Dora Domnica Baci, 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 **WOS:000610098500004**
9. 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 Q2**
10. 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 Q1**
11. 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**
12. 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**
13. 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**

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17. 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**
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19. **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**
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Ris - Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson)

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