

LISTA LUCRĂRILOR PUBLICATE

A. ARTICOLE PUBLICATE ÎN REVISTE DE SPECIALITATE INDEXATE WOS

1. **G. Szabó**, T.-R. Ovari, S. Székely, G. Katona, P. Márton, Z. Hórvölgyi, L.M.J. Muresan, An eco-friendly corrosion protective coating for zinc based on phytic acid-modified silica, *Journal of Solid State Electrochemistry*, (2025) 1-14.
<https://doi.org/10.1007/s10008-025-06422-x>
2. T.-R. Ovari, A. M.V. Brânzanic, G. Katona, **G. Szabó**, L.-M. Muresan, New eco-friendly corrosion inhibitor for zinc based on expired Detralex drug. Adsorption, Electrochemical and Computational Studies. *Materials Today Communication*, (2025) 46, 112739, <https://doi.org/10.1016/j.mtcomm.2025.112739>
3. J. Both, **G. Szabó**, A. Ciorîță, L. M. Muresan: Silver Linings: Electrochemical Characterization of TiO₂ Sol-Gel Coating on Ti6Al4V with AgNO₃ for Antibacterial Excellence, *Coatings*, (2024) 14(12), 1532; <https://doi.org/10.3390/coatings14121532>
4. P. Márton, L. Áder, D. M. Kemény, A. Rácz, D. Kovács, N. Nagy, **G. S. Szabó**, Z. Hórvölgyi: Chitosan-surfactant composite nanocoatings on glass and zinc surfaces prepared from aqueous solutions, *Molecules*, (2024) 29(13), 3111; <https://doi.org/10.3390/molecules29133111>
5. T.-R. Ovari, B. Trufan, G. Katona, **G. Szabó**, L. M. Muresan Correlations between the anti-corrosion properties and the photocatalytic behavior of epoxy coatings incorporating modified graphene oxide deposited on a zinc substrate, *RSC Advances*, (2024) 14, 10826, <https://doi.org/10.1039/d4ra00413b>
6. P. Márton, B. Szolnoki, N. Nagy, A. Deák, D. Zámbo, **G. S. Szabó**, Z. Hórvölgyi: Wetting and swelling behaviour of N-acetylated thin chitosan coatings in aqueous media, *Heliyon*, (2024) 10, 1-15 <https://doi.org/10.1016/j.heliyon.2023.e23201>
7. Buier, R., **Szabó, G.S.**; Katona, G., Muntean, N., Muresan, L.M. Influence of pH on the Inhibiting Characteristics of Cresol Red Incorporated in Chitosan Coatings on Zinc. *Metals* (2023) 13,1958. <https://doi.org/10.3390/met13121958>
8. T.-R. Ovari, T. Toth, G. Katona, **G. Szabó**, L. M. Muresan: Epoxy Coatings Doped with (3-Aminopropyl)triethoxysilane-Modified Silica Nanoparticles for Anti-Corrosion Protection of Zinc, *Coatings*, (2023) 13(11), 1844; <https://doi.org/10.3390/coatings13111844>
9. J. Both, A.-P. Fülöp, **G. Szabó**, G. Katona, A. Ciorîță, L. M. Muresan: Effect of the preparation method on the properties of Eugenol-doped TiO₂ coating on Ti substrate, *Gels*, (2023) 9(8), p. 668-685, <https://doi.org/10.3390/gels9080668>
10. T.-R. Ovari, Á. F. Szőke, G. Katona, **G. S. Szabó**, L. M. Muresan: Temporary Anti-Corrosive Double Layer on Zinc Substrate Based on Chitosan Hydrogel and Epoxy Resin, *Gels*, (2023) 9(5), 361; <https://doi.org/10.3390/gels9050361>
11. P. Márton, O. T. Nagy, D. Kovacs, B. Szolnoki, J. Madarasz, N. Nagy, **G. S. Szabó**, Z. Hórvölgyi: Barrier behaviour of partially N-acetylated chitosan layers in aqueous media, *International Journal of Biological Macromolecules*, (2023) 232, 123336, <https://doi.org/10.1016/j.ijbiomac.2023.123336>

12. T.R. Ovari, G. Katona, M Coros, **G. Szabo**, L. M. Muresan: Corrosion behaviour of zinc coated with composite silica layers incorporating poly(amidoamine)-modified graphene oxide, *Journal of Solid State Electrochemistry*, **(2023)** 27, p. 1795–1811, <https://doi.org/10.1007/s10008-022-05358-w>
13. Both, J; **Szabó, GS**, Muresan, L. M: Study on the corrosion inhibition efficiency of aluminum tripolyphosphate on zinc substrate, *Studia UBB Chemia*, **(2022)** 67 (4) p. 261-272, <https://doi.org/10.24193/subbchem.2022.4.17>
14. Both, J; Mezei, R., **Szabó, GS**, Muresan, L. M., Electrochemical investigation of the corrosion inhibiting effect of organic paints doped with benzotriazole coated on steel substrates, *Protection of metals and Physical Chemistry of Surfaces*, **(2022)**, 58 (4) p 822-833, <https://doi.org/10.1134/S2070205122040086>
15. **Szabó, G.S**, Csiki, E., Szőke, Á. F., Muntean, N, Determination of the antioxidant activity of different types of coffee by means of Briggs-Rauscher analytical method, *Studia UBB Chemia*, **(2022)** 67(3) p. 7-16 <https://doi.org/10.24193/subbchem.2022.3.01>
16. **Szabó, G.S.**, Szabó, R., Szabó, L., A review of the mitigating methods against the energy conversion decrease in solar panels, *Energies*, **(2022)**, 15(18), 6558, <https://doi.org/10.3390/en15186558>
17. Á. F. Szőke, **G. Szabó**, G. Katona, G Bliet, LM Muresan: Correlations between the Chitosan Solution Viscosity and the Anticorrosive Protection Efficiency of Indigo Carmine-impregnated Chitosan Coatings on Zinc, *Protection of metals and Physical Chemistry of Surfaces*, **(2022)**, 58(3), p. 574-584; <https://doi.org/10.1134/S2070205122030224>
18. Both, J; **Szabo, GS**; Katona, G; Muresan, LM: Anti-corrosive Polystyrene Coatings Modified with Tannic Acid on Zinc and Steel Substrates. *Journal of Electrochemical Science and Engineering*, **(2022)** 12(4,) p. 721-730 <https://doi.org/10.5599/jese.1293>
19. J. Both, **G. Szabo**, G. Katona, L. M. Muresan: Tannic acid reinforced sol-gel silica coatings for corrosion protection of zinc substrates, *Material Chemistry and Physics*, **(2022)** 282 125912 p 1-11, <https://doi.org/10.1016/j.matchemphys.2022.125912>
20. T.R. Ovari, G. Katona, **G. Szabo**, L. M. Muresan: Electrochemical evaluation of the relationship between the thermal treatment and the protective properties of thin silica coatings on zinc substrates, *Studia UBB Chemia*, **(2022)**, 67(1) p. 227-243, <https://doi.org/10.24193/subbchem.2022.1.15>
21. L. Szabó, **G-S. Szabó**, R. Szabó: Usage of graphene in power systems. A survey. 11th International Conference on Electrical Power Drive Systems, ICEPDS, 2020 Proceedings, **(2020)**, 9249296, <https://doi.org/10.1109/ICEPDS47235.2020.9249296>
22. P. Márton, E. Albert, N. Nagy, B. Tegze, **G. S. Szabó**, Z. Hórvölgyi: Chemically modified chitosan coatings: wetting and electrochemical studies, *Studia UBB Chemia*, **(2020)** 65(3), p. 63-79, <https://doi.org/10.24193/subbchem.2020.3.05>.
23. Á. F. Szőke, **G. Szabó**, Z. Hórvölgyi, E. Albert, L. A. G. Végh, L. Zimányi, M. Muresan: Accumulation of 2-Acetyl-amino-5-mercapto-1,3,4-thiadiazole in chitosan coatings for improved anticorrosive effect on zinc. *International Journal of Biological Macromolecules* **(2020)** 142, p 423-431; <https://doi.org/10.1016/j.ijbiomac.2019.09.114>
24. Á. F. Szőke, **G. Szabó**, Z. Simó, Z. Hórvölgyi, E. Albert, L. M. Muresan: Chitosan coatings ionically cross-linked with ammonium paratungstate as anticorrosive coatings for zinc, *European Polymer Journal* **(2019)** 118, p. 205-212, <https://doi.org/10.1016/j.eurpolymj.2019.05.057>
25. Á. F. Szőke, **G. S. Szabó**, Z. Hórvölgyi, E. Albert, L. Gaina, L. M. Muresan: Eco-friendly indigo carmine-loaded chitosan coatings for improved anticorrosion protection of zinc substrates, *Carbohydrate Polymers* **(2019)** 215, p. 63–72, <https://doi.org/10.1016/j.carbpol.2019.03.077>

26. **G. Szabó**, E. Albert, J. Both, L. Kócs, Gy. Sáfrán, A. Szöke, Z. Hórvölgyi, L. M. Mureşan: Influence of embedded inhibitors on the corrosion resistance of zinc coated with mesoporous silica layers, *Surfaces and Interfaces*, **(2019)** 15, p. 216–223, <https://doi.org/10.1016/j.surfin.2019.03.007>
27. R. Barabás, N. Muntean, **G. Szabó**, K. Maurer, L. Bizo: Preparation and Characterizations of New Biomaterials by Anthocyanins Adsorption on Hydroxyapatite-Based Materials, *Studia UBB Chemia*, **(2017)** 62(4)II, p. 253-268 <https://doi.org/10.24193/subbchem.2017.4.22>
28. N. Cotolan, S. Varvara, E. Albert, **G. Szabó**, Z. Hórvölgyi, L. M. Muresan: Evaluation of corrosion inhibition performance of silica sol–gel layers deposited on galvanised steel, *Corrosion Engineering, Science and Technology*, **(2016)** 51(5), p. 373-382, <https://doi.org/10.1080/1478422X.2015.1120404>
29. N. Muntean, **G. Szabó**: Commonly used raw fruit and vegetable juices overall antioxidant activity determination by means of Briggs-Rauscher reaction, *Studia UBB Chemia*, **(2015)** 60(3), 273-282
30. **G. Szabó**, E. Albert, Z. Hórvölgyi, L. Mureşan: Protective TiO₂ coatings prepared by sol-gel method on Zinc, *Studia UBB Chemia*, **(2015)** 60(3), 225-235
31. G. Turdean, **G. Szabó**: Nitrite detection in meat products samples by square-wave voltammetry at a new single walled carbon nanotubes - myoglobin modified electrode, *Food Chemistry*, **(2015)** p. 325-330 <https://doi.org/10.1016/j.foodchem.2015.01.106>
32. E. Albert, N. Cotolan, N. Nagy, Gy. Sáfrán, **G. Szabó**, L. Mureşan, Z. Hórvölgyi: Mesoporous silica coatings with improved corrosion protection properties, *Microporous and Mesoporous Materials* **(2015)** 206, p. 102-113 <https://doi.org/10.1016/j.micromeso.2014.12.021>
33. E. Volentiru, M. Nyari, **G. Szabó**, Z. Hórvölgyi, L.M. Muresan: Silica sol – gel protective coatings against corrosion of zinc substrates, *Periodica Polytechnica Ser. Chem*, **(2014)** 58(sup), p. 61-66, <https://doi.org/10.3311/PPch.7302>
34. Muntean, N., **Szabó, G.**: The Antioxidant Activity of Tea Infusions Tested by Means of Briggs-Rauscher Oscillatory Reaction, *Studia UBB Chemia*, **(2013)** 58(2), p. 175-183
35. Bogya, E. S., Czikó, M., **Szabó, G.**, Barabás, R.: The red beetroot extract antioxidant activity and adsorption kinetics onto hydroxyapatite-based materials, *J. Iran. Chem. Soc.*, **(2013)** 10(3), p. 491–503 <https://doi.org/10.1007/s13738-012-0183-3>
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37. Muntean, N., Baldea, I., **Szabó, G.**, Noszticzius, Z.: Antioxidant capacity determination by the Briggs-Rauscher oscillating reaction in flow system, *Studia UBB Chemia* **(2010)** 55(1) p. 121-132
38. Muntean, N., **Szabó, G.**, Wittmann, M., Lawson, T., Fülöp J., Noszticzius, Z., Onel, L.: Reaction Routes Leading to CO₂ and CO in the Briggs–Rauscher Oscillator: Analogies between the Oscillatory BR and BZ Reactions, *The Journal of Physical Chemistry A* **(2009)** 113(32), 9102-9108, <https://doi.org/10.1021/jp905239w>
39. Lawson, T., Fülöp J., Wittmann, M., Noszticzius, Z., Muntean, N., **Szabó, G.**, Onel, L.: Iodomalonic Acid as an “Anti” Inhibitor in the Resorcinol Inhibited Briggs-Rauscher Reaction, *The Journal of Physical Chemistry A* **(2009)** 113, 14095-14098, <https://doi.org/10.1021/jp907364a>
40. L. Onel, G. Bourceanu, M. Wittmann, Z. Noszticzius, **G. Szabó**: I(+) transfer from diiodomalonic acid to malonic acid and a complete inhibition of the CO and CO₂ evolution in the Briggs-Rauscher reaction by resorcinol. *The Journal of Physical Chemistry A* **(2008)** 112(46), 11649-11655, <https://doi.org/10.1021/jp8064163>

41. **Szabó, G.**-Csavdári, A.-Onel, L.-Bourceanu, G.-Noszticzius, Z.-Wittmann, M: Periodic CO and CO₂ evolution in the oscillatory Briggs-Rauscher reaction. The Journal of Physical Chemistry A (2007) 111(4) p. 610. <https://doi.org/10.1021/jp067070y>
42. Zsakó, J.-**Szabó, G.**: Polarographic study on the kinetics and mechanism of the hydrolysis of 1, 2, 3 - cyclohexane-trione-1, 3 - dioxime. Periodica Polytechnica Chemical Engineering, (1999), 43(1), p. 35.

B. ARTICOLE PUBLICATE ÎN REVISTE DE SPECIALITATE INDEXATE ÎN ALTE BAZE DE DATE INTERNAȚIONALE

1. E. Á. F. Szőke, **G. Szabó**, L. M. Muresan, Albert E, Horvolgyi Z: Anticorrosive chitosan coatings on zinc obtained through ionic crosslinking by indigo carmine. *Acta Scientiarum Transylvanica*, (2019) 27(3), p. 29-37.
2. E. Á. F. Szőke, **G. Szabó**, L. M. Muresan, Z. Hórvölgyi, E. Volentiru: The Study of Porous Silica Coatings Impregnated with Methylene Blue, *Acta Scientiarum Transylvanica*, (2019) 26(3), p. 38-46.
3. G. Turdean, E. Á. F. Szőke, E. Kerekes, D. K. Timár, L. M. Muresan, **G. Szabó**, R. Barabás: Kitozán korszerű alkalmazásai védőrétegekben és kompozitokban. *Acta Scientiarum Transylvanica*, (2017) 25(3), p. 72-79.
4. **Szabó, G.**, Bolla, Cs., János, L., Rácz, Cs.: The influence of lipoic acid on Briggs-Rauscher oscillating reaction. *Studia Universitatis Babeş-Bolyai Chimia*, (2003) 48(2) p. 181-184.
5. Szabó, E., **Szabó, G.**, Bolla, Cs.: Influence of iodate ion concentration on oscillations in the Briggs-Rauscher reaction. *Studia Univ. Babeş-Bolyai, Ser. Chem*, (2003) 48(1), p. 103-108.
6. **Szabó, G.**, Zsakó, J., Bolla, Cs.: Temperature dependence of the dioximes hydrolysis reaction rate. *Studia Univ. Babeş-Bolyai, Ser. Chem*. (2003) 48(1), p. 99-102.
7. **Szabó, G.**, Zsakó, J., Bâldea, I., Bolla, Cs.: Kinetic study on hydrolysis reaction of dioximes. *Studia Univ. Babeş-Bolyai, Ser. Chem*. (2003) 48(1), p. 93-97.
8. Főrizs, E., Veress, E., Mihălcioiu, F., Muzsnay, Cs., **Szabó, G.**: Argentometric titration of thiosulfate with conductometric and potentiometric end-point detection. *Studia Univ. Babeş-Bolyai, Ser. Chem*. (1997) 42(1-2), p. 241.
9. Mánok, F., **Dénezi, G. (Szabó)**-Várhelyi, Cs.: On the dioximine complexes of transition metals. Kinetics and mechanism of the hydrolysis of nyoxime in acidic medium. *Studia Univ. Babeş-Bolyai, Ser. Chem*. (1987) 32(2), p. 50.
10. Mánok, F., **Dénezi, G. (Szabó)**, Várhelyi, Cs.: Polarographic study on the protonization of 1,2-cyclohexane-dione-dioxime in aqueous solutions. *Studia Univ. Babeş-Bolyai, Ser. Chem*. (1986), 31(2), p. 3.

C. LUCRĂRI PUBLICATE ÎN VOLUMELE UNOR CONFERINȚE NAȚIONALE CU REFERENȚI ȘI COMITET DE PROGRAM

1. Zsakó, J., **Szabó, G.**: 1, 2, 3-ciklohexántrion-1, 3-dioxim-2-imin hidrolizisének vizsgálata polarográfiás módszerrel (Studiul hidrolizei 1, 2, 3-ciclohexantrion-1, 3-dioximă-2-iminei prin metoda polarografică.). Conferința: "VI. Vegyészkonferencia", (2000) p.113.
2. Szabó, E., **Szabó, G.**, Bolla, Cs.: A Briggs-Rauscher oszcilláló reakció tanulmányozása (Studiul reacției oscilante Briggs-Rauscher.). Conferința: "VII. Vegyészkonferencia" (2001) p.162.

3. Szabó, L., **Szabó, G.**: Üzemanyagcellák gépjárművek számára (Pile de combustie pentru automobile.). Conferința *ENELKO*-(**2003**), p.197.
4. Csepei, L., Muntean, N., Miklósi, L., **Szabó, G.**, Bolla, Cs.: Oscillation cessation in active Briggs-Rauscher mixture. Conferința "*VII. Vegyészkonferencia*", (**2003**) p.123.
5. Rustoiu-Csavdári A. **Szabó, G.** Bâldea I, Kinetic Methods in Analytical Chemistry. A Non-linear Calibration Plot to Determine Trace Copper from Various Water Samples. Conferința "*X. Vegyészkonferencia*", (**2004**) p. 139.
6. **Szabó, G.**, Bolla Cs., Miklósi L., Muntean N., Csepei L., Bogya E, Study on the modifying agents of Lipoic Acid Antioxidant Activity. Conferința "*X. Vegyészkonferencia*", (**2004**) p. 201.
7. Csavdári A., **Szabó, G.**, Bâldea I: A Novel Kinetic Method in to Determine Trace Cu (II) ions. Conferința "*XI. Vegyészkonferencia*", (**2005**) p. 133.
8. Varvari, L., **Szabó, G.**: The Total Antioxidant Capacity of Different Red Cabbage Extracts Tested by Means of the Briggs-Rauscher Oscillatory Reaction. *Environment & Progress*, (**2007**) 9, p. 593.
9. **Szabó, G.**, Csavdári A. Possible application of oscillating reactions in testing antioxidant activity of various food products by means of kinetic methods, *Environment & Progress*, (**2006**) 6, p. 473.

D. LUCRĂRI PREZENTATE LA CONFERINȚE NAȚIONALE ȘI INTERNAȚIONALE

1. Zsakó, J., **Szabó, G.**, Várhelyi, Cs.: 1, 2, 3-ciklohexántrion-1, 3-dioxim hidrolízis kinetikájának vizsgálata polarográfiás módszerrel (Studiul cineticii reacției de hidroliză a 1, 2, 3-ciclohexantrion-1, 3-dioximei prin metoda polarografică.). *4th International Conference on Chemistry*, 21 noiembrie **1998**, Cluj
2. Zsakó, J., **Szabó, G.**, Várhelyi, Cs.: 1, 2, 3 – ciklohexántrion - 1, 3 - dioxim viselkedésének vizsgálata potenciometrikus titrálással (Studiul comportamentului 1, 2, 3-ciclohexantrion-1, 3-dioximei prin titrări potențimetrice.). Sesiunea de Comunicări Stiințifice a Secției de Matematică și Stiințe ale Naturii a Asociației Muzeului Transilvan, 24 octombrie **1998**, Cluj.
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4. N. Muntean, G. Szabó, T. Lawson, J. Fülöp, M. Wittmann, Z. Noszticzius, L. Onel, G., I. Bourceanu: Functional role of an inhibitor: complete inhibition of CO and CO₂ evolution in the Briggs-Rauscher reaction by resorcinol, *Second ESF FUNCDYN. Conference on Functional Dynamics*, 15-18 septembrie **2008**.
5. N. Muntean, **G. Szabó**, T. Lawson, J. Fülöp, M. Wittmann, Z. Noszticzius, L. Onel: IMA (iodomalonic acid) as an "anti" inhibitor in the resorcinol inhibited Briggs-Rauscher reaction, *prezentată la Third ESF FUNCDYN Conference on Functional Dynamics*, 1-5 martie **2009**.
6. E. Volentiru, D. Zámbo, M. Dabóczi, P. Basa, **G. Szabó**, L.M. Mureșan, J. Kabai, Z. Hórvölgyi: Multifunctional SiO₂ sol-gel coatings, *18th International Conference on Chemistry*, 22-25 noiembrie **2012**, Băile Felix.

7. E. Albert, N. Cotoian, A. Deák, L. Mureşan, N. Nagy, **G. Szabó**, Z. Hórvölgyi: Silylated coatings with improved anti-corrosion properties, *19th International Conference on Chemistry*, Baia-Mare, 21-23 noiembrie **2013**, Baia-Mare.
8. A. Szőke, Q. J. Sanders, **G. Szabó**, G. Turdean, L. Muresan: Electrochemical sensors based on reduced grapheme oxide immobilized with chitosan, *22th International Conference on Chemistry*, 3-6 noiembrie **2016**, Timişoara.
9. Szőke, Á.F., Kerekes, E., Timár, D.K., Turdean, G.L., Muresan, L.M., **Szabó, G.S.**, Barabás R., (*Erdélyi Természettudományi Konferencia*) *15th Transilvanian Natural Science Conference*, Noiembrie **2016**, Cluj.
10. Szőke, Á.F., **Szabó, G.S.**, Albert, E., Hórvölgyi, Z., Muresan, L.M., *6th RSE-SEE International Conference*, iunie **2017**, Balatonkenese, Ungaria.
11. Szőke, Á.F., **Szabó, G.S.**, Muresan, L.M., Albert, E., Hórvölgyi, Z., *23th International Conference on Chemistry*, Octombrie **2017**, Deva.
12. Szőke, Á.F., **Szabó, G.S.**, Muresan, L.M., Hórvölgyi, Z., Albert, E., (*Erdélyi Természettudományi Konferencia*) *16th Transilvanian Natural Science Conference* Noiembrie **2017**, Cluj.
13. Szőke, Á.F., **Szabó, G.S.**, Albert, E., Muresan, L.M., Hórvölgyi, Z., *11th Conference on Colloid Chemistry – 11CCC*, Mai **2018**, Eger, Ungaria.
14. Szőke, Á.F., **Szabó, G.S.**, Muresan, L.M., Albert, E., Hórvölgyi, Z., *24th International Conference on Chemistry*, **2018**, Sovata.
15. Szőke, Á.F., **Szabó, G.S.**, Muresan, L.M., Hórvölgyi, Z., Albert, E., (*Erdélyi Természettudományi Konferencia*) *17th Transilvanian Natural Science Conference* noiembrie **2018**, Cluj.
16. Szőke, Á.F., **Szabó, G.S.**, Hórvölgyi, Z., Albert, E., Muresan, L.M., Mai **2019**, Split, Croatia.
17. Szőke, Á.F., Bliet, G., **Szabó, G.**, Muresan, L., *Interdiszciplinaritás a Kárpát-Medencében, PhD Konferencia (International PhD Conference)*, mai **2019**, Pécs, Ungaria.
18. Szőke Á. F., **Szabó G.**, T., Both J., Buier R.H., Muresan L.M.: Korszerű anti-korróziós bevonatok fejlesztése. *20th Transilvanian Natural Science Conference*, Noiembrie **2020**, Cluj, online.
19. **Szabó G.**: Protective coatings against corrosion of hybrid and electric vehicles. *Conferinta: Autonóm Járművek Konferencia*, **2020** noiembrie, Győr, Ungaria, online.
20. Ovari T.R., Katona G., Coros M., **Szabó G.**, Muresan L.M: Surface modified GO/silica composite coatings and their protective properties on Zn substrates, *1st Corrosion and Materials Degradation Web Conference*, 17-19 mai **2021**, online.
21. Á. F. Szőke, **G. S. Szabó**, Z. Hórvölgyi, E. Albert, A. G. Végh, L. Zimányi, C. Filiatre, L. M. Muresan: Tailoring the permeability of chitosan-based coatings deposited on zinc substrates with different methods, *71th Annual Meeting International Society of Electrochemistry*, **2020**, Belgrad, Serbia, online.
22. Márton P., Albert E., Nagy N., Tegze B., **Szabó, G.**, Hórvölgyi, Z: Chemically modified chitosan coatings: surface and electrochemical studies, *26th International Conference on Chemistry*, octombrie **2020**, online.

23. Márton P, **Szabó G. S.**, Nagy Ö. T., Hórvölgyi Z: Effect of acylation on surface and bulk properties of thin chitosan coatings, *27th International Conference on Chemistry*", 29 octombrie **2021**, online.
24. N. Muntean, F. Szőke, Csiki E, **G. S. Szabó**: Determination of the antioxidant activity of different types of coffee by means of Briggs-Rauscher analytical method, *28th International Conference on Chemistry*, octombrie **2022**, Oradea.
25. Székely Sz., **G. S. Szabó**: Fitinsavval módosított korróziógtátló bevonat Zn hordozón, *24th Transilvanian Natural Science Conference*, noiembrie **2024**, Cluj.
26. Bodó K., **G. S. Szabó**, Muntean N.: A feketeteribizli antioxidáns hatásának vizsgálata a Briggs-Rauscher módszerrel, *24th Transilvanian Natural Science Conference*, noiembrie **2024**, Cluj.
27. Márton P., Áder L., Kemény D., Rácz A., Kovács D., Nagy N., , **Szabó, G.**, Hórvölgyi, Z, Chitosan nanocoatings containing anionic surfactants: preparation and characterization, *30th International Conference on Chemistry*", octombrie **2024**, Cluj.

E. PREZENTĂRI POSTER

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