Lista de lucrări

10 lucrări relevante

1. **Szőke**, **Á.F.;** Szabó, G.S.; Hórvölgyi, Z.; Albert, E.; Gaina, L.; Muresan, L.M., Eco-friendly indigo carmine-loaded chitosan coatings for improved anti-corrosion protection of zinc substrates, Carbohydrate Polymers, 215 (**2019**), 63-72. https://doi.org/10.1016/j.carbpol.2019.03.077

2. **Szőke**, **Á.F.;** Szabó, G.; Hórvölgyi, Z.; Albert, E.; Végh, A.G.; Zimányi, L.; Muresan, L.M., Accumulation of 2-Acetylamino-5-mercapto-1,3,4-thiadiazole in chitosan coatings for improved anticorrosive effect on zinc, International Journal of Biological Macromolecules, **2019**. https://doi.org/10.1016/j.ijbiomac.2019.09.114

3. **Szőke**, **Á.F.;** Szabó, G.; Simó, Z.; Hórvölgyi, Z.; Albert, E.; Végh, A.G.; Zimányi, L.; Muresan, L.M., Chitosan coatings ionically cross-linked with ammonium paratungstate as anticorrosive coatings for zinc, European Polymer Journal, 118 (**2019**), 205-212. https://doi.org/10.1016/j.eurpolymj.2019.05.057

4. **Szoke**, **A.;** Zsebe, Z.; Turdean, G.L.; Muresan, L.M., Composite electrode material based on electrochemically reduced graphene oxide and gold nanoparticles for electrocatalytic detection of ascorbic acid, Electrocatalysis, 10(5) (**2019**), 573-583. https://doi.org/10.1007/s12678-019-00543-4

5. **Szőke, Á.;** Turdean, G.; Muresan, L., Modified glassy carbon electrode based on myoglobin and reduced graphene oxide for hydrogen peroxide detection, Bulgarian Chemical Communications, 49 (**2017**), 147-154.

6. **Szőke, Á.F**.; Turdean, G.L.; Katona, G.; Muresan, L.M., Electrochemical determination of dopamine with graphene-modified glassy carbon electrodes, STUDIA UBB CHEMIA, LXI, 3, Tom I, (2016), 135-144

7. **Szőke**, **Á.F.;** Kerekes, E.; Timár, D.K.; Turdean, G.L.; Mureşan, L.M.; Szabó, G.; Barabás R., Modern applications of chitosan in protective layers and composites, Acta Scientiarum Transylvanica, 25(3) (**2017**), 72-79. ISSN: 1842-5089

8. Várhelyi Jr., Cs.; Lengyel, A.; Homonnay, Z.; Szalay, R.; Pokol, Gy.; Szilágyi, I.-M.; Huszthy, P.; Papp, J.; Giga, F.; Golban, L.-M.; Várhelyi, M.; Tomoaia-Cotisel, M.; **Szőke**, **Á.;** Kuzmann, E., Mössbauer study of iron (II) complexes synthesized with Schiff bases, Hyperfine interactions, 238:87 (**2017**). https://doi.org/10.1007/s10751-017-1463-1

9. Szabó, G.; Albert, E.; Both, J.; Kócs, L.; Sáfrán, Gy.; **Szöke**, **A.;** Hórvölgyi, Z.; Mureşan L.M., Influence of embedded inhibitors on the corrosion resistance of zinc coated with mesoporous silica layers, Surfaces and Interfaces, 15 (**2019**), 216-223. https://doi.org/10.1016/j.surfin.2019.03.007

10. **Szőke**, **Á.F.;** Szabó, G.; Hórvölgyi, Z.; Albert, E., The study of porous silica coatings impregnated with methylene blue, Acta Scientiarum Transylvanica, 26(3) (**2019**), 38-46. ISSN: 1842-5089

Teză de doctorat

Szőke, **Á.F.,** Polymer-modified surfaces for electroanalytical applications and anticorrosive protection, **2019**

Articole cotate ISI

1. **Szőke**, **Á.F.;** Szabó, G.S.; Hórvölgyi, Z.; Albert, E.; Gaina, L.; Muresan, L.M., Eco-friendly indigo carmine-loaded chitosan coatings for improved anti-corrosion protection of zinc substrates, Carbohydrate Polymers, 215 (**2019**), 63-72. https://doi.org/10.1016/j.carbpol.2019.03.077

2. **Szőke**, **Á.F.;** Szabó, G.; Hórvölgyi, Z.; Albert, E.; Végh, A.G.; Zimányi, L.; Muresan, L.M., Accumulation of 2-Acetylamino-5-mercapto-1,3,4-thiadiazole in chitosan coatings for improved anticorrosive effect on zinc, International Journal of Biological Macromolecules, **2019**. https://doi.org/10.1016/j.ijbiomac.2019.09.114

3. **Szőke**, **Á.F.;** Szabó, G.; Simó, Z.; Hórvölgyi, Z.; Albert, E.; Végh, A.G.; Zimányi, L.; Muresan, L.M., Chitosan coatings ionically cross-linked with ammonium paratungstate as anticorrosive coatings for zinc, European Polymer Journal, 118 (**2019**), 205-212. https://doi.org/10.1016/j.eurpolymj.2019.05.057

4. **Szoke**, **A.;** Zsebe, Z.; Turdean, G.L.; Muresan, L.M., Composite electrode material based on electrochemically reduced graphene oxide and gold nanoparticles for electrocatalytic detection of ascorbic acid, Electrocatalysis, 10(5) (**2019**), 573-583. https://doi.org/10.1007/s12678-019-00543-4

5. **Szőke, Á.F**.; Turdean, G.L.; Katona, G.; Muresan, L.M., Electrochemical determination of dopamine with graphene-modified glassy carbon electrodes, STUDIA UBB CHEMIA, LXI, 3, Tom I, (2016), 135-144

6. **Szőke, Á.;** Turdean, G.; Muresan, L., Modified glassy carbon electrode based on myoglobin and reduced graphene oxide for hydrogen peroxide detection, Bulgarian Chemical Communications, 49 (**2017**), 147-154.

Articole apărute în cărți cu ISSN sau ISBN

1. **Szőke**, **Á.F.;** Mureşan, L.M.; Turdean, G.L.; Zsebe, Z.; Ablaeva, K., Glassy carbon electrode modified with graphene oxide and gold nanoparticles for ascorbic acid detection, in Proceedings of the 23rd International Symposium on Analytical and Environmental Problems", pp. 334-337 (**2017**), ISBN: 978-963-306-563-1

2. **Szőke**, **Á.F.;** Kerekes, E.; Timár, D.K.; Turdean, G.L.; Mureşan, L.M.; Szabó, G.; Barabás R., Modern applications of chitosan in protective layers and composites, Acta Scientiarum Transylvanica, 25(3) (**2017**), 72-79. ISSN: 1842-5089

3. Várhelyi Jr., Cs.; Lengyel, A.; Homonnay, Z.; Szalay, R.; Pokol, Gy.; Szilágyi, I.-M.; Huszthy, P.; Papp, J.; Giga, F.; Golban, L.-M.; Várhelyi, M.; Tomoaia-Cotisel, M.; **Szőke**, **Á.;** Kuzmann, E., Mössbauer study of iron (II) complexes synthesized with Schiff bases, Hyperfine interactions, 238:87 (**2017**). https://doi.org/10.1007/s10751-017-1463-1

4. Szabó, G.; Albert, E.; Both, J.; Kócs, L.; Sáfrán, Gy.; **Szöke**, **A.;** Hórvölgyi, Z.; Mureşan L.M., Influence of embedded inhibitors on the corrosion resistance of zinc coated with mesoporous silica layers, Surfaces and Interfaces, 15 (2019), 216-223. https://doi.org/10.1016/j.surfin.2019.03.007

5. **Szőke**, **Á.F.;** Szabó, G.; Hórvölgyi, Z.; Albert, E., The study of porous silica coatings impregnated with methylene blue, Acta Scientiarum Transylvanica, 26(3) (**2019**), 38-46. ISSN: 1842-5089

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Semnătură:
Szőke Árpád Ferenc