

LISTA DE LUCRĂRI

LUPU S. Stelian

Articole/studii publicate:

a) în reviste de specialitate de circulație internațională recunoscute cotate ISI (Ris):

- Ris1. C. Lete*, D. López-Iglesias, J.J. García-Guzmán, S.-A. Leau, A.E. Stanciu, M. Marin, J.M. Palacios-Santander, **S. Lupu***, L. Cubillana-Aguilera, *A sensitive electrochemical sensor based on sonogel-carbon material enriched with gold nanoparticles for melatonin determination*, *Sensors*, **22**, **2022**, 120. ISSN: 1424-8220. DOI: 10.3390/s22010120. WOS:000743686500001. Articol invitat.
- Ris2. J.J. García-Guzmán, D. López-Iglesias, L. Cubillana-Aguilera, D. Bellido-Milla, J.M. Palacios-Santander*, M. Marin, S.D. Grigorescu, C. Lete*, **S. Lupu***, *Silver nanostructures - poly(3,4-ethylenedioxythiophene) sensing material prepared by sinusoidal voltage procedure for detection of antioxidants*, *Electrochim. Acta*, **393**, **2021**, 139082. ISSN: 0013-4686. DOI: 10.1016/j.electacta.2021.139082. WOS:000691762300010
- Ris3. A. Nakova, E. M. Anghel, C. Lete, **S. Lupu**, T. Boijadjieva-Scherzer, V. Tsakova*, *Graphite electrode-assisted electroless deposition of palladium in the absence and presence of poly(3,4-ethylenedioxythiophene) coatings*, *Synthetic Metals*, **247**, **2019**, pp. 18-25. ISSN: 0379-6779. DOI: 10.1016/j.synthmet.2018.11.006. WOS:000457511200003
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- Ris5. V. Karabozhikova, V. Tsakova, C. Lete, M. Marin, **S. Lupu***, *Poly(3,4-ethylenedioxythiophene)-modified electrodes for tryptophan voltammetric sensing*, *Journal of Electroanalytical Chemistry*, **848**, **2019**, nr. 113309. ISSN: 1572-6657. DOI: 10.1016/j.jelechem.2019.113309. WOS:000504505400040
- Ris6. C. Lete, M. Marin, E. M. Anghel, L. Preda, C. Matei, **S. Lupu***, *Sinusoidal voltage electrodeposition of PEDOT-Prussian blue nanoparticles composite and its application to*

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- Ris7. J. J. Garcia-Guzman, D. Lopez-Iglesias, L. Cubillana-Aguilera, C. Lete, **S. Lupu***, J. M. Palacios-Santander, D. Bellido-Milla, *Assessment of the polyphenol indices and antioxidant capacity for beers and wines using a tyrosinase-based biosensor prepared by sinusoidal current method*, Sensors, 19(1), **2019**, numar articol: 66. ISSN: 1424-8220. DOI: 10.3390/s19010066. WOS:000458574600066
- Ris8. J. J. García Guzmán, L. Cubillana Aguilera, D. Bellido Milla, I. Naranjo Rodríguez, C. Lete*, J. M. Palacios Santander*, **S. Lupu***, *Development of sonogel-carbon based biosensors using sinusoidal voltages and currents methods*, Sensors and Actuators B: Chemical, 255, **2018**, pp. 1525-1535. ISSN: 0925-4005. DOI: 10.1016/j.snb.2017.08.161. WOS: 000414319900044
- Ris9. M. Bem, R. Baratoiu, C. Radutiu, C. Lete, S. Mocanu, G. Ionita, **S. Lupu**, M.T. Caproiu, A.M. Madalan, B. Patrascu, I. Zarafu, P. Ionita, *Synthesis and structural characterization of some novel methoxyamino derivatives with acid-base and redox behavior*, Journal of Molecular Structure, 1173, **2018**, pp. 291-299. ISSN: 0022-2860. DOI: 10.1016/j.molstruc.2018.06.114. WOS:000446286200033
- Ris10. C. Lete, B. Lakard, J.-Y. Hihn, F. J. Del Campo, **S. Lupu***, *Use of sinusoidal voltages with fixed frequency in the preparation of tyrosinase based electrochemical biosensors for dopamine electroanalysis*, Sensors and Actuators B: Chemical, 240, **2017**, pp. 801-809; ISSN: 0925-4005; DOI: 10.1016/j.snb.2016.09.045. WOS:000390622300095
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- Ris14. C. Lete, **S. Lupu***, B. Lakard, J.-Y. Hihn, F. J. Del Campo, *Multi-analyte determination of dopamine and catechol at single-walled carbon nanotubes – Conducting polymer – Tyrosinase based electrochemical biosensors*, J. Electroanal. Chem., 744, **2015**, pp. 53-61; ISSN: 1572-6657; DOI: 10.1016/j.jelechem.2015.03.005; WOS:000353850100008
- Ris15. C. Lete, F. Teodorescu, E. M. Anghel, **S. Lupu**, T. Spataru, *The influence of supporting electrolyte on the electrochemical properties of copolymer films based on azulene and 3-thiophene acetic acid*, J. Solid State Electrochemistry, 19 (6), **2015**, pp 1875-1883; ISSN: 1432-8488; DOI: 10.1007/s10008-015-2844-5; WOS:000354622700032
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