

Papers list

1. G.-O. Buica, A.A. Ivanov, I.-G. Lazar, G.-L. Tatu (Arnold), **C. Omocea**, L. Bîrzan, E.-M. Ungureanu, Colorimetric and voltammetric sensing of mercury ions using 2,2'-(ethane-1,2-diylbis((2-(azulen-2-ylamino)-2-oxoethyl)azanediyl)) diacetic acid, *Journal of Electroanalytical Chemistry*, 849 (2019) 113351, 1-8, FI= 4,464;
2. R.-M. Frincu, **C. Omocea**, C.-I. Eni, E.-M. Ungureanu, O. Iulian, Seasonality and Correlations between Water Quality Parameters in the Lower Danube at Chiciu for the Period 2010-2012, *Revista de Chimie*, 71(2), 2020, 449-455, BDI;
3. **C. Omocea**, V. Anastasoae, R. Mandoc, M.-R. Bujduveanu, E.-M. Ungureanu, Electrochemical studies on new triphenyl arsonium derivatives, *Sci. Bull., U.P.B. Sci. Bull., Series B*, in press, FI= 0;
4. V. Anastasoae, **C. Omocea**, L.-B. Enache, L. Anicai, E.-M. Ungureanu, J.(K.)F. van Staden, M. Enachescu, Surface Characterization of New Azulene-based CMEs for Sensing, *Symmetry* **2021**, 13, 2292, FI = 2,713, SRI = 0,174 (0,579)

Scientific meetings attended

- 1) **Cristian Omocea**, Veronica Anastasoae, Magdalena-Rodica Bujduveanu, Liviu Birzan, Eleonora-Mihaela Ungureanu, Electrochemical study of certain triphenylalkylarsonium derivatives, 8th International Conference "Chimia", workshop
NOMARES, Constanta Romania, 24-26 May, 2018, Poster PW5, 25.05.2018
- 2) Veronica Anastasoae, **Cristian Omocea**, Magdalena-Rodica Bujduveanu, Liviu Birzan, Eleonora-Mihaela Ungureanu, Electrochemical study of certain triphenylbenzylarsonium derivatives, XXXV-a Conferinta Nationala de Chimie 02 - 05 octombrie 2018 Călimănești - Căciulata, județul Vâlcea, ROMÂNIA, P.S.IV. -1.
- 3) Elena Diacu, Eleonora-Mihaela Ungureanu, Alexandru Anton Ivanov, Sabina-Vasilica Pistol, Veronica Anăstasoae, **Cristian Omocea**, Liviu Bîrzan, Study of electroactive properties of a new tetrazole azulene derivative for modified electrodes, 7th Regional Symposium on Electrochemistry for South-East Europe, May 27-30, 2019, Croatia, EAS-P-12.
- 4) Veronica Anastasoae, Laura-Bianca Enache, **Cristian Omocea**, Liviu Bîrzan, Raluca Isopescu, Eleonora-Mihaela Ungureanu, Electrochemical behaviour of new (azulen-1yldiazenyl)-heteroaromatic compounds containing 1,2,5-thiadiazol-3-yl moieties,

7th Regional Symposium on Electrochemistry for South-East Europe, 27-30 May 2019, Split, Croatia, poster (EAS-P-13) 27-28.05.2019.

- 5) **Cristian Omocea**, Eleonora-Mihaela Ungureanu, Liviu Birzan, Veronica Anastasoie, Laura-Bianca Enache, Marius Enachescu, Detection of lead ions by voltammetry on azulene based CMEs, 21st Romanian International Conference on Chemistry and Chemical Engineering, 4-7 September 2019, Constanta-Mamaia, ROMANIA, poster (S3 - 367)05.09.2019.
- 6) **Cristian Omocea**, Eleonora-Mihaela Ungureanu, Liviu Birzan, Veronica Anastasoie, Laura-Bianca Enache, Marius Enachescu, Detection of lead ions by voltammetry on azulene based CMEs, 5th International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences, NOMARES Workshop, July 3-4, 2020, Online, poster (P.4.15.).
- 7) Ovidiu-Teodor Matica, **Cristian Omocea**, Roxana Luisa Popescu, Eleonora-Mihaela Ungureanu, Amalia Stefaniu, Reactivity analysis for 4-(azulen-1-yl)-2,6-bis((e)-2-(thiophen2-yl)vinyl)pyridine using calculated quantum parameters, Progress in organic and macromolecular compounds conference, Macrolasi'2021, October 7 - 9th 2021, Section Organic and polymer synthesis.