

## Lista Publicatii stiintifice

### Carte

Leontin David, Onuc Cozar, Castelia Cristea, Luiza Gaina „Identificarea structurii moleculare prin metode spectroscopice” Ed. Presa Univ. Clujeana, 2004, ISBN 973-610-332-3

### Listă articole stiintifice indexate ISI

70. B. Stoean, I. Lupan, C. Cristea, M. Silion, L. Silaghi-Dumitrescu, R. Silaghi-Dumitrescu, L. **Gaina\***, Outcomes of folic acid esterification upon the properties of hydrophilic phenothiazinium dyes: New photosensitizers for antimicrobial photodynamic therapy. *Journal of Photochemistry and Photobiology A: Chemistry* 2024, 451, 115500, <https://doi.org/10.1016/j.jphotochem.2024.115500>

67. M. Zetes, A.M. Hada, M. Todea, L. **Gaina**, S. Astilean, A.M. Craciun. Dual-emissive solid-state histidine-stabilized gold nanoclusters for applications in white-light generation. *Nanoscale Advances*, 2023, 5(21), 5810-5818 <https://doi.org/10.1039/D3NA00555K>

68. M. Gal, C. Cristea, A. M. Craciun, A. Turza, L. Barbu-Tudorandl, B. Brem, T. Lovasz, L. Silaghi-Dumitrescu, L. **Gaina\***. New fluorescent electrospun polymer materials containing phenothiazinyl carboxylate metal salts for versatile latent fingerprint detection. *Dyes and Pigments* 2023, 111085. <https://doi.org/10.1016/j.dyepig.2023.111085>

67. M. Gal, A. Turza, B. Stoean, L. **Gaina**, C. Cristea, E. Gal, T. Lovasz, D. Porumb, L. Silaghi-Dumitrescu. Alternative procedures for the green synthesis of 3,7-bis(N,N-(2hydroxyethyl)amino)phenothiazinium dye. *Studia Universitatis Babeş-Bolyai Chemia* 2022, 67(4), 303-314 DOI10.24193/subbchem.2022.4.20

66. B. Stoean, L. **Gaina**, C. Cristea, R. Silaghi-Dumitrescu, A. M.V.Branzanic, M. Focsan, E. Fischer-Fodor, B.Tigu, C. Moldovan, A. D. Cecan, P. Achimas-Cadariu, S. Astilean, L. Silaghi-Dumitrescu. New methylene blue analogues with N-piperidinyl-carbinol units: Synthesis, optical properties and in vitro internalization in human ovarian cancer cells. *Dyes and Pigments* 205, 2022, 110460. <https://doi.org/10.1016/j.dyepig.2022.110460>

65. E. Gal, B. Brem, L. **Gaina**, A.M. Craciun, C. Cristea, L. Silaghi-Dumitrescu. Optical properties of new 5- (phenothiazinyl)methylidenebarbituric acid derivatives. *Journal of Molecular Structure* 1247 (2022) 131334. <https://doi.org/10.1016/j.molstruc.2021.131334>

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