

Articole științifice**► Articole în reviste cotate ISI**

228. *Hybrid Polymeric Therapeutic Microcarriers for Thermoplasmonic-Triggered Release of Resveratrol* D. Stoia, R. Pop, A. Campu, M. Nistor, **S. Aștilean**, A. Pintea, M. Suci, D. Rugina, M. Focsan, **Colloid Surf. B Biointerfaces**, 220 (2022) 112915 (IF = 5.999)
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226. *Photoluminescent Histidine-Stabilized Gold Nanoclusters as Efficient Sensors for Fast and Easy Visual Detection of Fe Ions in Water Using Paper-Based Portable Platform*, A.-M. Hada, M. Zetes, M. Focsan, S. Aștilean, A.-M. Craciun, **Int. J. Mol. Sci.**, 23 (2022) 12410 (IF = 6.208)
225. *Portable Plasmonic Paper-Based Biosensor for Simple and Rapid Indirect Detection of CEACAM5 Biomarker via Metal-Enhanced Fluorescence*, L. Susu, A. Vulpoi, **S. Aștilean**, M. Focsan, **Int. J. Mol. Sci.**, 23 (2022) 11982 (IF = 6.208)
224. *New methylene blue analogues with N-piperidinyl-carbinol units: Synthesis, optical properties and in vitro internalization in human ovarian cancer cells*, B. Stoean, L. Gaina, C. Cristea, R. Silaghi-Dumitrescu, A. Branzanic, M. Focsan, E. Fiser-Fodor, B. Tigu, C. Moldovan, A. Cegan, P. Achimas-Cadariu, **S. Aștilean**, L. Silaghi-Dumitrescu, **Dyes Pigm.** 205 (2022) 110460 (IF = 5.122)
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219. *Development and evaluation of a gold nanourchin (GNU)-based sandwich architecture for SERS immunosensing in liquid*, A.S. Tatar, C. Farcau, A. Vulpoi, S. Boca, S. Aștilean, **Spectrochim. Acta A Mol. Biomol. Spectrosc.**, 273 (2022) 121069

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