

Listă de publicații



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1. Gheorghe Melinte, Oana Hosu, Geanina Ștefan, **Diana Bogdan**, Cecilia Cristea, Giovanna Marrazza: *Poly-L-Lysine@gold nanostructured hybrid platform for Lysozyme aptamer sandwich-based detection*, ELECTROCHIM ACTA **403**, 139718 (2022) (IF 6.901)
2. Adrian Blidar, Oana Hosu, Bogdan Feier, Geanina Ștefan, **Diana Bogdan**, Cecilia Cristea: *Gold-based nanostructured platforms for oxytetracycline detection from milk by a "signal-on" aptasensing approach*, FOOD CHEM **371**, 131127 (2022) (IF 7.514)
3. Ioana Cristina Marinaș, Bianca Maria Tihăuan, Andreea Gabriela Diaconu, Xenia Filip, Anca Petran, Ioana Georgeta Grosu, Diana Bogdan, Lucian Barbu, Ana Maria Ivanof, Marin Angheloiu, Grațiana Grădișteanu Pîrcălăbioru, Claudiu Filip: *Polydopamine-assisted surface modification of Ti-6Al-4V alloy with anti-biofilm activity for dental implantology applications*, COATINGS **11**(11), 1385 (2021) (IF 2.881)
4. Alexandra Bogdan, Loran Szolga, Gavril-Ionel Giurgi, Andreea Petronela Crișan, **Diana Bogdan**, Sarinya Hadsadee, Siriporn Jungstittiwong, Riccardo Po, Ion Grosu, Jean Roncali: *Structure-properties relationships in triarylamine-based push-pull systems-C60 dyads as active material for single-material organic solar cells*, DYES PIGMENTS **184**, 108845 (2021) (IF 4.613)
5. Ioan-Adrian Stoian, Bogdan-Cezar Iacob, Cosmina-Larisa Dudaș, Lucian Barbu-Tudoran, **Diana Bogdan**, Iuliu Ovidiu Marian, Ede Bodoki, Radu Oprean: *Biomimetic electrochemical sensor for the highly selective detection of azithromycin in biological samples*, BIOSENS BIOELECTRON **155**, 112098 (2020) (IF 10.257)
6. Mihaela Terțiș, Petrică Ionuț Leva, **Diana Bogdan**, Maria Suciuc, Florin Gaur, Cecilia Cristea: *Impedimetric aptasensor for the label-free and selective detection of Interleukin-6 for colorectal cancer screening*, BIOSENS BIOELECTRON **137**, 123-132 (2019) (IF 10.257)
7. Alia Colniță, Nicoleta E Dina, Nicolae Leopold, Dan C Vodnar, **Diana Bogdan**, Sebastian A Porav, Leontin David: *Characterization and discrimination of gram-positive bacteria using Raman spectroscopy with the aid of principal component analysis*, NANOMATERIALS-BASEL **7**(9), 248 (2017) (IF 3.504)
8. Mihaela Terțiș, Andreea Cernat, Daniela Lacatiș, Anca Florea, **Diana Bogdan**, Maria Suciuc, Robert Săndulescu, Cecilia Cristea: *Highly selective electrochemical detection of serotonin on polypyrrole and gold nanoparticles-based 3D architecture*, ELECTROCHEM COMMUN **75**, 43-47 (2017) (IF 4.66)
9. Mihaela Terțiș, Anca Florea, Alina Adumitrăchioaie, Andreea Cernat, **Diana Bogdan**, Lucian Barbu-Tudoran, Nicole Jaffrezic Renault, Robert Săndulescu, Cecilia Cristea: *Detection of dopamine by a biomimetic electrochemical sensor based on polythioaniline bridged gold nanoparticles*, CHEMPLUSCHEM **82**(4) 561-569 (2017) (IF 3.205)
10. Ede Bodoki, **Diana Bogdan**, Robert Săndulescu: *Ab initio study of the Na-colchicine positively charged complex* FARMACIA **63**(4) 539-542 (2015) <http://www.revistafarmacia.ro/201504/issue42015art11.html> (IF 1.162)
11. **Diana Bogdan**, Cristian Morari: *Effect of van der Waals Interaction on the Geometric and Electronic Properties of DNA Nucleosides Adsorbed on Cu(111) Surface: A DFT Study* J PHYS CHEM A **117**(22) 4669-4678 (2013) (IF 2.775)
12. Cristina M Muntean, Ioan Bratu, **Diana Bogdan**: *Subpicosecond processes in nucleic acids bases monitored by Raman spectroscopy* BIOMED SPECTROSC IMAGING **2**(1) 37-49 (2013)
13. **Diana Bogdan**, Cristian Morari: *Electronic Properties of DNA Nucleosides Adsorbed on a Au(100) Surface* J PHYS CHEM C **116**(13) 7351-7359 (2012) (IF 4.814)
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24. **Diana Bogdan**, C Morari: *Theoretical investigation of the normal modes for the ground and first excited states of a realistic retinal chromophore model* PHYS SCRIPTA **73**(5), 447-451 (2006) (IF 1.161)
25. C Morari, **Diana Bogdan**: *A study of the anharmonic effects on the vibrational spectra of a realistic retinal chromophore model* SPECTROCHIM ACTA A **61**(8), 1881-1886 (2005) (IF 1.29)
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2. M Bogdan, C Floare, **D Bogdan**, SI Fărcaș: *Photodegradation of inclusion complexes of Naproxen and Niflumic acid with β -Cyclodextrin* STUDIA UBB PHYSICA **50**(4b), 721-724 (2005) ISSN 0258-8730
3. **D Bogdan**: *Complexarea prin incluziune moleculară a parabenelor cu ciclodextrine: caracterizare spectroscopică și modelare moleculară*, REVISTA DE POLITICA ȘTIINTEI ȘI SCIENTOMETRIE, 1-14 (2005) ISSN 1582-1218
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