

Listă de publicații



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Publicații: 44 (37 ISI)

Citări: 466

Hirsch: 12

[Web of Science](#), [Scopus](#), [Google Scholar](#)

UEF-ID Brainmap: [U-1700-035G-2929](#)

1. Iulia Rus, Mihaela Tertîș, Anca Pop, Ionel Fizeșan, Diana Bogdan, Elena Matei, Daniela Oprea, Victor Diculescu, Robert Săndulescu, Cecilia Cristea: *The use of a new selective AB3 aptamer for the hematologic tumor cells' detection* SENSOR ACTUAT B-CHEM **394**, 134389 (2023) (IF 8.4)
2. Mihaela Tertîș, Manuela Zăgrean, Alexandra Pusta, Maria Suci, Diana Bogdan, Cecilia Cristea: *Innovative nanostructured aptasensor for electrochemical detection of gluten in food samples* MICROCHEM J **193**, 109069 (2023) (IF 4.8)
3. Anca Petran, Claudiu Filip, Diana Bogdan, Cordelia Zimmerer, Sebastian Beck, Teodora Radu, Jurgen Liebscher: *Oxidative polymerization of 3,4-dihydroxybenzylamine—the lower homolog of dopamine* LANGMUIR **39**(15), 5610-5620 (2023) (IF 3.9)
4. Anca Petran, Andreea Petronela Crișan, Claudia Lar, Adriana Popa, Teodora Radu, Alexandra Ciorîță, Diana Bogdan, Mihaela Silion, Claudiu Filip: *Poly-2-aminomethyl-3-(3,4-dihydroxyphenyl)propionamide: from structure to properties* ACS APPL POLYM MATER **5**(5), 3370-3380 (2023) (IF 5.0)
5. Mihaela Vlassa, Miuța Filip, Ștefan Kreibik, Diana Bogdan, Virginia Coman: *Mat glass-thin layer chromatography. Application of invasion model* STUDIA U BABES-BOL CHE **2022** **68**(2), 7-22 (2023) (IF 0.3)
6. Diana Bogdan, Ioana-Georgeta Grosu, Claudiu Filip: *How thick, uniform and smooth are the polydopamine coating layers obtained under different oxidation conditions? An in-depth AFM study* APPL SURF SCI **597**, 153680 (2022) (IF 6.7)
7. Alia Colniță, Daniel Marconi, Nicoleta Elena Dina, Ioana Brezeștean, Diana Bogdan, Ioan Turcu: *3D silver metallized nanotrenches fabricated by nanoimprint lithography as flexible SERS detection platform* SPECTROCHIM ACTA A **276**, 121232 (2022) (IF 4.4)
8. Mihaela Tertîș, Petra Lia Sîrbu, Maria Suci, Diana Bogdan, Ovidiu Pană, Cecilia Cristea, Ioan Simon: *An innovative sensor based on chitosan and graphene oxide for selective and highly-sensitive detection of serotonin* CHEMELECTROCHEM **9**(6), e202101328 (2022) (IF 4.0)
9. 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 6.6)
10. 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**(3), 131127 (2022) (IF 8.8)
11. 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, Grațiela 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 3.236)
12. Alexandra Bogdan, Lorant Szolga, Gavril-Ionel Giurgi, Andreea Petronela Crișan, Diana Bogdan, Sarinya Hadsadee, Siriporn Jungsuttiwong, 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 5.122)
13. 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 10.618)
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