

## Publication List



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### [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**)
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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**)
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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**)
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21. Cristian Morari, **Diana Bogdan**, Cristina M. Muntean: *Binding effects of Mn<sup>2+</sup> and Zn<sup>2+</sup> ions on the vibrational properties*

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