



CLAUDIA NĂDEJDE

## Lista de lucrări științifice

I. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	➤ 21 lucrări
<ol style="list-style-type: none"><li>1. <b>C. Nădejde</b>, M. Neamțu, V.-D. Hodoroabă, R.J. Schneider, G. Ababei, U. Panne, Hybrid iron-based core-shell magnetic catalysts for fast degradation of bisphenol A in aqueous systems, <i>Chem. Eng. J.</i>, <b>2016</b>, 302:587–594, <a href="https://doi.org/10.1016/j.cej.2016.05.090">doi: 10.1016/j.cej.2016.05.090</a>.</li><li>2. M. Neamțu, F. Macaev, V. Boldescu, V.-D. Hodoroaba, <b>C. Nădejde</b>, R.J. Schneider, A. Paul, G. Ababei, U. Panne, Removal of pollutants by the new Fenton-like highly active catalysts containing an imidazolium salt and a Schiff base, <i>Appl. Catal. B: Environ.</i>, <b>2016</b>, 183:335–342, <a href="https://doi.org/10.1016/j.apcatb.2015.10.032">doi: 10.1016/j.apcatb.2015.10.032</a>.</li><li>3. <b>C. Nădejde</b>, M. Neamțu, V.-D. Hodoroabă, R.J. Schneider, A. Paul, G. Ababei, U. Panne, Tannic acid- and natural organic matter-coated magnetite as green Fenton-like catalysts for the removal of water pollutants, <i>J. Nano. Res.</i>, <b>2015</b>, 17(12), Article no. 476, pp. 1–10, <a href="https://doi.org/10.1007/s11051-015-3290-0">doi: 10.1007/s11051-015-3290-0</a>.</li><li>4. <b>C. Nădejde</b>, M. Neamțu, V.-D. Hodoroabă, R.J. Schneider, A. Paul, G. Ababei, U. Panne, Green Fenton-like magnetic nanocatalysts: Synthesis, characterization and catalytic application, <i>Appl. Catal. B: Environ.</i>, <b>2015</b>, 176:667–677, <a href="https://doi.org/10.1016/j.apcatb.2015.04.050">doi: 10.1016/j.apcatb.2015.04.050</a>.</li><li>5. <b>C. Nădejde</b>, M. Neamțu, R.J. Schneider, V.-D. Hodoroabă, G. Ababei, U. Panne, Catalytical degradation of relevant pollutants from waters using magnetic nanocatalysts, <i>Appl. Surf. Sci.</i>, <b>2015</b>, 352:42–48, <a href="https://doi.org/10.1016/j.apsusc.2015.01.036">doi: 10.1016/j.apsusc.2015.01.036</a>.</li><li>6. <b>C. Nădejde</b>, M. Neamțu, D. Creangă, Environment-friendly magnetic fluids for wastewater remediation - Synthesis and characterization, <i>Acta Phys. Pol. A</i>, <b>2015</b>, 127(2):647–649, <a href="https://doi.org/10.12693/APhysPolA.127.647">doi: 10.12693/APhysPolA.127.647</a>.</li><li>7. <b>C. Nădejde</b>, E. Pușcașu, F. Brînză, L. Ursu, D. Creangă, C. Stan, Preparation of soft magnetic materials and characterization with investigation methods for fluid samples, <i>Univ. "Politehnica" București Sci. Bull.-Series A: Appl. Math. Phys.</i>, <b>2015</b>, 77(2):277–284.</li><li>8. L. Oprică, <b>C. Nădejde</b>, M. Andrieș, E. Pușcașu, D. Creangă, M. Bălășoiu, Magnetic contamination of environment - laboratory simulation of mixed iron oxides impact on microorganism cells, <i>Environ. Eng. Management J.</i>, <b>2015</b>, 14(3):581–586.</li><li>9. L. Almasy, D. Creangă, <b>C. Nădejde</b>, L. Rosta, E. Pomjakushina, M. Ursache-Oprisan, Wet milling versus co-precipitation in magnetite ferrofluid preparation, <i>J. Serbian Chem. Soc.</i>, <b>2015</b>, 80(3):367–376, <a href="https://doi.org/10.2298/JSC140313053A">doi: 10.2298/JSC140313053A</a>.</li><li>10. G. Oancă, <b>C. Nădejde</b>, N. Fîfere, A. Grițco Todirașcu, D. Creangă, D. Dorohoi, J. Stare, Solvatochromic study on chlortetracycline in binary and ternary solutions, <i>J. Mol. Struct.</i>, <b>2015</b>, In Press, <a href="https://doi.org/10.1016/j.molstruc.2015.12.066">doi: 10.1016/j.molstruc.2015.12.066</a>.</li><li>11. <b>C. Nădejde</b>, L. Ursu, D. Creangă, D.O. Dorohoi, Solvatochromic behavior of rifampicin in diluted solutions, <i>Revista de Chimie</i>, <b>2015</b>, 66(3):360–363.</li><li>12. M. Avădanei, M.L. Ivan, <b>C. Nădejde</b>, D. Creangă, D. Dorohoi, Spectral and thermodynamical studies on iso-quinolinium carbethoxy methylid (iQCEM) solutions with binary solvent water (W) plus ethanol (E), <i>Revista de Chimie</i>, <b>2015</b>, 66(2):201–204.</li></ol>	



13. D. Creangă, **C. Nădejde**, Molecular modelling and spectral investigation of some triphenyltetrazolium chloride derivatives, *Chem. Pap.*, **2014**, 68(2):260–271, [doi: 10.2478/s11696-013-0429-2](https://doi.org/10.2478/s11696-013-0429-2).
14. A. Poiată, D.E. Creangă, **C. Nădejde**, N. Fifere, A. Airinei, Chemically modified nanoparticles surface for sensing bacterial loading-experimental study based on fluorescence stimulation by iron ions, *Bioelchem.*, **2013**, 93:51–58, [doi: 10.1016/j.bioelechem.2012.10.003](https://doi.org/10.1016/j.bioelechem.2012.10.003).
15. M. Răcuciu, D. Creangă, **C. Nădejde**, Comparison among the physical properties of various suspensions of magnetite nanoparticles stabilized in water using different organic shells, *Univ. "Politehnica" Bucuresti Sci. Bull.-Series A: Appl. Math. Phys.*, **2013**, 75(3):209–216.
16. D. Creangă, A. Poiată, N. Fifere, A. Airinei, **C. Nădejde**, Fluorescence of pyoverdine synthesized by *Pseudomonas* under the effect of iron oxide nanoparticles, *Rom. Biotech. Lett.*, **2011**, 16(4):6336–6343.
17. D. Creangă, **C. Nădejde**, P. Gasner, Dynamical analysis of heart beat from the viewpoint of chaos theory, *Rom. J. Phys.*, **2011**, 56(1-2):177–184.
18. **C. Nădejde**, D.E. Creangă, I. Humelnicu, E. Filip, D.O. Dorohoi, Study on the intermolecular interactions in rifampicin ternary solutions — Calculation of microscopic parameters of rifampicin molecules, *J. Mol. Liq.*, **2009**, 150(1):51–55, [doi: 10.1016/j.molliq.2009.09.012](https://doi.org/10.1016/j.molliq.2009.09.012).
19. **C. Nădejde**, D. Creangă, E. Filip, D.O. Dorohoi, Spectral investigation of triphenylformazan derivatives in ultraviolet light, *Rom. J. Phys.*, **2009**, 54(7-8):649–657.
20. **C. Nădejde**, D. Creangă, C. Goiceanu, Radiofrequency electromagnetic wave and paramagnetic particle effects on the red blood cells, *Rom. J. Phys.*, **2009**, 54(1-2):105–114.
21. D. Creangă, Gh. Iacob, M. Ursache, **C. Nădejde**, M. Răcuciu, Magnetic fluids as drug carrier in magnetically assisted chemotherapy - An experimental study, *J. Optoelect. Adv. Mat.*, **2008**, 10(3):628–631.

**II. Articole științifice publicate in extenso în reviste indexate fără factor de impact****➤ 7 lucrări**

1. E. Pușcașu, A. Domocoș, C. Leoștean, R. Turcu, F. Brînză, **C. Nădejde**, F. Iacomî, D. Creangă, Electrostatic vs steric stabilization of  $\text{Fe}_3\text{O}_4$  and  $\text{Co}_{0.5}\text{Fe}_{2.5}\text{O}_4$  nanoparticles, *AIP Conf. Proceedings*, **2015**, 1700:060013, [doi: 10.1063/1.4938463](https://doi.org/10.1063/1.4938463).
2. E. Pușcașu, **C. Nădejde**, D. Creangă, P. Fannin, C. Pîrghie, Stable colloidal suspension of magnetic nanoparticles for applications in life sciences, *Materials Today-Proceedings*, **2015**, 2(6):3813–3818, [doi: 10.1016/j.matpr.2015.08.008](https://doi.org/10.1016/j.matpr.2015.08.008).
3. R. Focea, **C. Nădejde**, D. Creangă, T. Luchian, Low dose X-ray effects on catalase activity in animal tissue, *Journal of Physics: Conference Series*, **2012**, 398(1):012032 (6 p.), [doi: 10.1088/1742-6596/398/1/012032](https://doi.org/10.1088/1742-6596/398/1/012032).
4. C. Axinte, **C. Nădejde**, M. Ursache, A. Airinei, A. Cîrlescu, M. Răcuciu, D. Creangă, Magnetic submicron powder preparation and characterization, *Mat. Sci. Forum*, **2011**, 672:281–285, [doi: 10.4028/www.scientific.net/MSF.672.281](https://doi.org/10.4028/www.scientific.net/MSF.672.281).
5. **C. Nădejde**, E. Focanici Ciurlică, D.E. Creangă, A. Cîrlescu, V. Bădescu, Magnetite nanoparticles coated with rifampicin and chlortetracycline for drug delivery applications, *AIP Conf. Proceedings*, **2010**, 1311(1):388–394, [doi: http://dx.doi.org/10.1063/1.3530043](http://dx.doi.org/10.1063/1.3530043).
6. E. Focanici Ciurlică, **C. Nădejde**, D.E. Creangă, A. Cîrlescu, V. Bădescu, Antibiotic coated magnetite nanoparticles for biological applications, *Proceedings of 2<sup>nd</sup> NANOCON 2010 Int. Conf. Olomouc, Cehia*, **2010**, pp. 446–450.
7. D. Creangă, M. Dulcescu, **C. Nădejde**, Dynamic analysis on the heart electromagnetic activity, *Univ. "Politehnica" Bucuresti Sci. Bull.-Series A: Appl. Math. Phys.*, **2008**, 70(4):97–102.



III. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI / B+	➤ 10 lucrări
<ol style="list-style-type: none"><li>1. G. Oancă, <b>C. Nădejde</b>, D. Creangă, Caffeine - Solvent interaction studied by UV spectrometry and molecular modeling, <i>Rom. J. Biophys.</i>, <b>2014</b>, 24(1):11–23.</li><li>2. M. Andrieș, E. Pușcașu, <b>C. Nădejde</b>, L. Oprică, D. Creangă, Cobalt ferrite nanoparticles effect on cellulolytic fungus <i>Phanerochaete chrysosporium</i>, <i>Rom. J. Biophys.</i>, <b>2014</b>, 24(2):101–107.</li><li>3. F. Grădinariu, C. Goiceanu, R. Dănulescu, D. Creangă, <b>C. Nădejde</b>, Effects of microwave exposure in mice experimental subacute tests, <i>Rom. J. Biophys.</i>, <b>2013</b>, 23(1-2):93–99.</li><li>4. C.M. Rusu, <b>C. Nădejde</b>, Theoretical and spectral study of vitamin B3 in polar solvents, <i>Rom. J. Biophys.</i>, <b>2013</b>, 23(1-2):69–79.</li><li>5. A. Poiată, D. Creangă, <b>C. Nădejde</b>, F.M. Tufescu, Electromagnetic exposure and magnetic nanoparticle impact on some bacteria, <i>African J. Microbiol. Res.</i>, <b>2012</b>, 6(5):1054–1060.</li><li>6. <b>C. Nădejde</b>, D.E. Creangă, D.O. Dorohoi, Spectrophotometric assay of visible absorption band of triphenylformazan derivatives, <i>Bul. Inst. Politehnic Iași, S. Matem. Mec Teor. Fiz.</i>, <b>2011</b>, Tomul LVII(LXI), Fasc. 2:97–104.</li><li>7. <b>C. Nădejde</b>, D.E. Creangă, D.O. Dorohoi, Theoretical investigation on some physico-chemical properties of two antibacterial drugs, <i>Bul. Inst. Politehnic Iași, S. Matem. Mec Teor. Fiz.</i>, <b>2011</b>, Tomul LVII(LXI), Fasc. 2:111–119.</li><li>8. <b>C. Nădejde</b>, V. Pohoată, D.E. Creangă, D.O. Dorohoi, Spectral study on the solvent influence upon a fluorescent molecule – chlortetracycline, <i>An. Șt. Univ. "Dunarea de Jos" Galați, S. Matem., Fiz. Mec. Teor.</i>, <b>2010</b>, Fasc. II, Anul II (XXXIII), nr.1:5–12.</li><li>9. E. Focanici-Ciurlică, <b>C. Nădejde</b>, A.C. Ciocan, A. Cârlescu, D. Creangă, O. Căltun, A. Sandu, I. Sandu, Magnetic submicron particles coated in drug molecule – experimental study focused on rifampicin interactions with iron atoms, <i>An. Șt. Univ. "Dunarea de Jos" Galați, S. Matem., Fiz. Mec. Teor.</i>, <b>2010</b>, Fasc. II, Anul II (XXXIII), nr.1:19–27.</li><li>10. D.O. Dorohoi, D.E. Creangă, M. Dulcescu, <b>C. Nădejde</b>, Contribution of each type of intermolecular interaction to the total spectral shift measured in liquid solutions of some n-ylids, <i>Bul. Inst. Politehnic Iași, S. Matem. Mec Teor. Fiz.</i>, <b>2009</b>, Tomul LV(LIX), Fasc. 2:75–84.</li></ol>	
IV. Articole științifice publicate <i>in extenso</i> în volume ale conferințelor internaționale	➤ 6 lucrări
<ol style="list-style-type: none"><li>1. <b>C. Nădejde</b>, M. Neamțu, V.-D. Hodoroabă, R.J. Schneider, A. Paul, G. Ababei, U. Panne, Green Fenton-like catalysts for the removal of water pollutants, <i>TechConnect Briefs: Materials for Energy, Efficiency and Sustainability, Nanotech, Washington DC, S.U.A.</i>, <b>2015</b>, 2:87–90, ISBN 978-1-4987-4728-8.</li><li>2. C.T. Mihai, E. Pușcașu, L. Săcărescu, <b>C. Nădejde</b>, D. Gherghel, D. Creangă, G. Vochița, Colloidal magnetite nanoparticles – cytotoxicity study on V79 lung fibroblast cells, <i>TechConnect Briefs: Adv. Mat., Nanotech, Washington DC, S.U.A.</i>, <b>2015</b>, 1:310–313, ISBN 978-1-4987-4727-1.</li><li>3. L. Oprică, M. Andrieș, <b>C. Nădejde</b>, F. Brînză, D. Creangă, Co<sub>0.5</sub>Fe<sub>2.5</sub>O<sub>4</sub> nanoparticle biological impact – comparative study on environmental cellulolytic fungi, <i>TechConnect Briefs: Adv. Mat., Nanotech, Washington DC, S.U.A.</i>, <b>2015</b>, 1:314–317, ISBN 978-1-4987-4727-1.</li><li>4. D.E. Creangă, M. Opreșan, <b>C. Nădejde</b>, V. Nica, M. Răcuciu, Soft magnetic materials in the form of nanosized metal oxides in stable suspension, <i>Proceedings of 2<sup>nd</sup> Int. Conf. Nanotechnologies &amp; Biomedical Engineering German-Moldovan Workshop Novel Nanomaterials for Electronic, Photonic and Biomedical Applications – ICNBME, Chisinau, Moldova</i>, <b>2013</b>, pp. 290–293.</li></ol>	



5. D.E. Creangă, M. Culea, **C. Nădejde**, S. Oancea, L. Curecheriu, M. Răcuciu, Magnetic nanoparticle effects on the red blood cells, *Journal of Physics: Conference Series*, **2009**, 170:012019 (5 p).
6. D.E. Creangă, Gh. Iacob, **C. Nădejde**, Experimental investigation on blood magnetic contamination in the presence of drug molecules, *Journal of Physics: Conference Series*, **2009**, 170:012002 (6 p).

**V. Articole științifice publicate in extenso în volume ale conferințelor naționale**➤ **10 lucrări**

1. E. Pușcașu, M. Andrieș, **C. Nădejde**, D. Creangă, Synthesis of magnetic nanoparticles in stable suspension for biomedical application, *Rev. Șt. „V. Adamachi” – Vol. celei de-a XLIII-a Conf. Naț. FTEM (Iași)*, **2014**, XXIII(1-4):23–26.
2. M. Andrieș, E. Pușcașu, **C. Nădejde**, M. Enache, D. Creangă, Studiul complexelor clortetraciclină/ciclodextrină pentru atașare la nanoparticule magnetice utilizabile ca vectori în eliberarea controlată de molecule bioactive, *Vol. celei de-a XVI-a Conf. Naț. de Bioinginerie pentru Studenți și Tineri Cercetători - BENG 2013 (Iași)*, **2013**, pp. 98–103.
3. **C. Nădejde**, C. Goiceanu, F. Tufescu, R. Dănuțescu, E. Dănuțescu, D. Creangă, Investigații spectrale cu privire la influența radiațiilor electromagnetice de nivel nontermal asupra eritrocitelor umane, *Rev. Șt. „V. Adamachi” – Vol. celei de-a XLI-a Conf. Naț. FTEM (Iași)*, **2012**, XXI, 3 p.
4. C. Aștefănoaei, A. Ciocan, D. Vrîncianu, **C. Nădejde**, D. Creangă, The role of the chemical messenger IP3 in the visual system dynamics - a biosignal processing study, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XLI-a Conf. Naț. FTEM (Iași)*, **2012**, XXI, 3 p.
5. M. Enache, A. Aparaschivei, D. Vrîncianu, M. Andrieș, A. Condrea, A. Airinei, **C. Nădejde**, D. Creangă, NMR investigation of molecular interactions between cyclodextrin and tetracycline - applicative lesson for the master students, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XLI-a Conf. Naț. FTEM (Iași)*, **2012**, XXI, 2 p.
6. L. Budeanu, C. Antochi, **C. Nădejde**, D.E. Creangă, D.O. Dorohoi, A. Airinei, Spectral study of intermolecular interactions in binary solutions of chlortetracycline hydrochloride, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XXXIX-a Conf. Naț. FTEM (Iași)*, **2010**, XIX(1-4):189–191.
7. C. Aștefănoaei, **C. Nădejde**, D. Creangă, Experimental study of the rheological properties of water-ethanol mixtures, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XXXIX-a Conf. Naț. FTEM (Iași)*, **2010**, XIX(1-4):57–59.
8. **C. Nădejde**, D.E. Creangă, P. Țupu, I. Horga, Experimental lecture for master students – hemolytic effect induced by magnetic exposure, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XXXVII-a Conf. Naț. FTEM (Iași)*, **2008**, XVII(1-4):15–16.
9. **C. Nădejde**, D.E. Creangă, C. Goiceanu, M. Fântânuș, Spectral study on the haemolysated animal blood treated with magnetic fluid or/and exposed to radiofrequency waves, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XXXVI-a Conf. Naț. FTEM (Iași)*, **2007**, XVI(1):153–155.
10. D.E. Creangă, O. Avădanei, D.D. Sandu, L. Curecheriu, G. Stoian, M. Ursache, **C. Nădejde**, R. Stănculescu, Al. Vlahovici, Radiofrequency wave exposure of in vitro animal tissues, *Rev. Șt. „V. Adamachi” - Vol. celei de-a XXXV-a Conf. Naț. FTEM (Iași)*, **2006**, XV(2):87–88.

**VI. Articole științifice publicate in extenso în Anale Științifice ale Universităților**➤ **4 lucrări**

1. E. Filip, **C. Nădejde**, D.E. Creangă, D.O. Dorohoi, Structural modeling of some organic molecules with biological implications, *An. Șt. Univ. „Alexandru Ioan Cuza” Iași, S. Biomat. Biophys., Med. Phys. & Ecol.*, **2008**, Tomul I, 43–47.
2. C. Aștefănoaei, G. Mândru, **C. Nădejde**, D.E. Creangă, M. Răcuciu, Magnetic liquid effect on pigments and nucleic acids in sunflower seedlings, *An. Șt. Univ. Vest Timișoara, S. Fizică*, **2007**, 51:133–136.
3. I. Motrescu, C. Aștefănoaei, **C. Nădejde**, D. Creangă, G. Stoian, The influence of direct current discharges on vegetal



organisms exposed during early ontogenetic stages, *An. Șt. Univ. Vest Timișoara, S. Fizică*, **2007**, 51:137–140.

4. R. Molnar, S. Miclăuș, L. Curecheriu, E. Foca-Nici, P. Țupu, D.E. Creangă, G. Drochioiu, **C. Nădejde**, C. Goiceanu, Study of the putative hyperthermia effect in plants electromagnetically exposed and treated with magnetic liquid, *An. Șt. Univ. „Alexandru Ioan Cuza” Iași, S. Biofizică, Fizică Medicală și Fizica Mediului*, **2007**, Tomul III, 78–82.

**VII. Citări (fără autocitări) ale lucrărilor ISI de către reviste cotate ISI (IF = Factor Impact; AIS = Article Influence Score)**

- **18 citări ISI**  
➤ **h-index: 3** (conform Web of Science)

1. **C. Nădejde**, M. Neamțu, V.-D. Hodoroabă, R.J. Schneider, A. Paul, G. Ababei, U. Panne, Green Fenton-like magnetic nanocatalysts: Synthesis, characterization and catalytic application, *Appl. Catal. B: Environ.*, **2015**, 176:667–677, **Citată de:** F. Chen, S. Xie, X. Huang, X. Qiu, *J. Haz. Mat.*, **2016**, *In Press*, DOI: [10.1016/j.jhazmat.2016.02.073](https://doi.org/10.1016/j.jhazmat.2016.02.073), IF: 4,529; AIS: 1,108.
2. L. Oprică, **C. Nădejde**, M. Andrieș, E. Pușcașu, D. Creangă, M. Bălășoiu, Magnetic contamination of environment - laboratory simulation of mixed iron oxides impact on microorganism cells, *Environ. Eng. Manag. J.*, **2015**, 14:581–586, **Citată de:** - C. Cirtoaje, E. Petrescu, C. Stan, Cristina, D. Creanga, *Physica E-Low-Dimensional Systems & Nanostructures*, **2016**, 79:38–43, DOI: [10.1016/j.physe.2015.12.006](https://doi.org/10.1016/j.physe.2015.12.006), IF: 2,000; AIS: 0,454.  
- M. Balasoiu, O.I. Ivankov, D.V. Soloviov, S.N. Lysenko, R.M. Yakushev, A.M., Balasoiu-Gaina, N. Lupu, *J. Optoelect. Adv. Mat.*, **2015**, 17(7-8):1114–1121, IF: 0,429; AIS: 0,089.
3. L. Almasy, D. Creangă, **C. Nădejde**, L. Rosta, E. Pomjakushina, M. Ursache-Oprisan, Wet milling versus co-precipitation in magnetite ferrofluid preparation, *J. Serbian Chem. Soc.*, **2015**, 80(3):367–376, **Citată de:** - G. Priyadarshana, N. Kottegoda, A. Senaratne, A. de Alwis, V. Karunaratne, *J. Nanomat.*, **2015**, 317312, DOI: [10.1155/2015/317312](https://doi.org/10.1155/2015/317312), IF: 1,644; AIS: 0,371.
4. D. Creangă, **C. Nădejde**, Molecular modelling and spectral investigation of some triphenyltetrazolium chloride derivatives, *Chem. Pap.*, **2014**, 68(2):260–271, **Citată de:** - G. Turkoglu, H. Berber, I. Kani, *New J. Chem.*, **2015**, 39:2728–2740, DOI: [10.1039/C4NJ02353F](https://doi.org/10.1039/C4NJ02353F), AIS: 0,623. IF: 3,086.  
- K.B. Gavazov, V.B. Delchev, G.K. Toncheva, Z.G. Georgieva, *Russian J. Gen. Chem.*, **2015**, 85(8):1945–1951, DOI: [10.1134/S1070363215080241](https://doi.org/10.1134/S1070363215080241), IF: 0,477; AIS: 0,090.
5. A. Poiată, D.E. Creangă, **C. Nădejde**, N. Fifere, A. Airinei, Chemically modified nanoparticles surface for sensing bacterial loading-experimental study based on fluorescence stimulation by iron ions, *Bioelectrochem.*, **2013**, 93:51–58, **Citată de:** - A.K. Yagati, J.-C. Pyun, J. Min, S. Cho, *Bioelectrochem.*, **2016**, 107:37–44, DOI: [10.1016/j.bioelechem.2015.10.002](https://doi.org/10.1016/j.bioelechem.2015.10.002), IF: 4,172; AIS: 0,836.  
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