

## Lista celor mai relevante lucrări științifice publicate

### Publicații în reviste indexate ISI web of Science:

1. Ivanescu Larisa, **Bodale Ilie**, Florescu Simin-Aysel, Roman Constantin, Acatrinei Dumitru and Miron Liviu  
„Malaria a high risk of re-emergence in Romania”, DOI:10.1155/2016/8560519  
*BioMed Research International* 2016 vol. 2016, Article ID 8560519, 2016.
2. **Bodale Ilie**, Oancea Andrei Victor  
„Chaos control for Willamowski-Rössler model of chemical reactions”,  
DOI: 10.1016/j.chaos.2015.06.019 *Chaos, Solitons & Fractals*, 78, pp 1–9, 2015
3. **I. Bodale**, M. Oprisan, C. Stan, F. Tufescu, M. Racuciu, D. Creanga and M. Balasoiu  
„Nanotechnological application based on  $\text{CoFe}_2\text{O}_4$  nanoparticles and electromagnetic exposure on agrotechnical plant growth”, DOI: 10.1007/978-981-287-736-9\_37  
*IFMBE Proceedings Series (Springer)*, 55 pp 153-156, 2015,
4. **Ilie Bodale**, Alexandru Stancu  
„Reversible Magnetization Processes Evaluation Using High-order Magnetization Curves”,  
DOI: 10.1109/TMAG.2013.2259181,  
*IEEE Transactions on Magnetism*, 49( 9), pp. 4960 - 4964, 2013.
5. **Ilie Bodale**, Laurențiu Stoleriu and Alexandru Stancu,  
„Reversible and irreversible components evaluation in hysteretic processes using First and second-order magnetization curves”, DOI: 10.1109/TMAG.2010.2083679  
*IEEE Transactions on Magnetism*, 47(1-2), pp.192-197, 2011.
6. Iulian Petrila, **Ilie Bodale**, Cristian Rotarescu and Alexandru Stancu,  
„Linear and non-linear energy barriers in systems of interacting single-domain ferromagnetic particles”, DOI: 10.1016/j.physleta.2011.08.007  
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7. Laurențiu Stoleriu, **Ilie Bodale**, Alin Apetrei and Alexandru Stancu,  
„Realistic Reversible Magnetization Component in Preisach-type Models”,  
DOI: 10.1109/TMAG.2010.2045643, *IEEE Trans. Magnetism*, 46(6), pp. 2341-2344, 2010.
8. A. Manoliu, L. Oprica, Z. Olteanu, I. Neacsu, V. Artenie, D. Creanga, I. Rusu, **I. Bodale\***  
„Peroxidase activity in magnetically exposed cellulolytic fung”,  
DOI: 10.1016/j.jmmm.2005.10.111, *J.Mag.Magnetic Materials*, 300(1), pp. e323-e326, 2006  
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