

## LISTA DE LUCRĂRI – As.ing. Bordianu Adelina Rodica

### **A – teza de doctorat**

Titlu teză doctorat: “*Modelarea proprietăților magnetice ale materialelor compozite*”,  
Conducator: Prof.dr.ing. Valentin Ioniță,  
Anul: 2012.

### **B – Carti si capitole in carti: n/a**

### **C – Lucrari indexate ISI/BDI**

1. **Adelina Bordianu**, O. de la Barrière, O. Bottauscio, M. Chiampi, A. Manzin, “*A multiscale approach to predict classical losses in soft magnetic composites*”, IEEE Transactions on Magnetics, vol. 48, nr. 4, ISSN: 0018-9464, pp. 1537-1540, 2012.
2. **Adelina Bordianu**, V. Ioniță, L. Petrescu, “*Micro-scale numerical simulation of the magnetic recording*”, Revue roumaine des sciences techniques - Série Électrotechnique et Énergétique, vol. 57, nr.1, ISSN: 0035 – 4066, pp. 3-9, 2012.
3. V. Ioniță, I. Covaliu, L. Petrescu, **Adelina Bordianu**, O. Tabără, “*Magnetic Characterization Of Fe<sub>3</sub>O<sub>4</sub> Nanoparticles Used In Biomaterials*”, Revue roumaine des sciences techniques Série Électrotechnique et Énergétique, vol. 57, nr. 2, ISSN: 0035 – 4066, pp. 154 – 161, 2012.
4. **Adelina Bordianu**, V. Ioniță, “*Micro-scale modelling of the composite material magnetization*”, acceptat spre publicare Scientific Bulletin, Series C: Electrical Engineering and Computer Science, ISSN 1454-234x

### **D – Lucrari publicate in reviste si volume de conferinte cu referenti (neindexate)**

1. **Adelina Samoilescu**, V. Ioniță, “*Micromagnetic simulation of technical magnetization*”, Journal of Advanced Research in Physics, vol. 1, nr. 2, ISSN: 2069-7201, 2010.
2. **Adelina Samoilescu**, V. Ioniță, “*The analysis of a magnetisation device using FEMM*”, “Mircea cel Bătrân” Naval Academy Scientific Bulletin, vol. XII, ISSN: 1454 – 864X, pp. 201-204, 2009, revista recunoscută CNCSIS - Categoria B.
3. **Adelina Samoilescu**, V. Ioniță, “*Simulation of technical magnetization*”, The 14th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering, Graz, Austria, ISBN: 978-3-85125-133-3, 2010.
4. **Adelina Samoilescu**, V. Ioniță, “*Three dimensional numerical simulation of a magnetizer based on Bitter coil*”, The 21-st International Conference NAV-MAR-EDU, Constanța, ISBN: 1843-6749, 2009.

### **E – Brevete: n/a**

### **F – Contracte: n/a**