

Opis

Portofoliu de zece lucrări științifice considerate cele mai relevante

1. **Aradoaei Sebastian Teodor**, Ciobanu Romeo Cristian, Darie Raluca Nicoleta, Mosneagu Mihaela, ***Innovative biocomposite derived from waste materials with applications in electrical domain, Interdisciplinary research in engineering: steps towards breakthrough innovation for sustainable development***, Book Series: Advanced Engineering Forum, Volume: 8-9 pp. 379-386, 2013, DOI10.4028/www.scientific.net/AEF.8-9.379.
2. **S. Aradoaei**, M. Mosneagu, R. Darie, G.Constantinescu, ***Development Of New Materials For Construction Sector Obtained From Renewable Resources***, enviBuild 2012 and Building Performance Simulation Conference 2012, Advanced Materials Research; Brno, pp.231-235, 2012. (Prim autor), <https://doi.org/10.4028/www.scientific.net/AMR.649.231>.
3. **Aradoaei S**, Darie R, Constantinescu G, Olariu M, Ciobanu R., ***Modified lignin effectiveness as compatibilizer for PET/LDPE blends containing secondary materials***, JOURNAL OF NON-CRYSTALLINE SOLIDS, Volume: 356 Issue: 11-17 Pages: 768-771 Published: APR 1 2010, ISSN: 0022-3093, DOI: 10.1016/j.jnoncrsol.2009.11.046.
4. **Aradoaei Sebastian**, Ciobanu Romeo Cristian, Darie Raluca, Zaharescu Traian, Caramitu Alina, ***Green Materials Derived from Renewable Resource for Electrical Applications***, Materiale Plastice, Volume: 50, Issue: 4, pp.310-313,2013.
5. **S. Aradoaei**, R.Darie, C.Vasile, M. Mosneagu, M. Olariu, ***Morphology and dielectric properties of some LDPE/PA blends in presence of compatibilizers***, Solid State Phenomena, Vol. 188, Advance Material Structure, pp. 268-274, 2012, DOI10.4028/www.scientific.net/SSP.188.268
6. **Aradoaei S**. Plopa Olga, ***Symmetrical Components Evaluation In Real Time***, Buletinul Institutului Politehnic din Iasi Vol. 63 (67), nr. 2, Sectia Electrotehnica, Energetica, Electronica, 2017 Editura Politehniun, ISSN 1223-8139, pp. 27-37. (Revista, Prim autor), http://www.bulipi-eee.tuiasi.ro/archive/2017/fasc.2/p3_f2_2017.pdf.
7. **Sebastian Arădoaei**, Adrian Adăscăliței, ***Blended Learning Approach Applied to Electrical Engineering Courses***, Proceedings of the 13th International Conference On Virtual Learning, ICVL 2018, Oct. 26-28 Alba Iulia, pp.78-86., WOS:000471080200008.
8. Vasile Bahrin, **Sebastian Aradoaei**, ***Considerations Regarding Improving Performance Of The Servo Motors***, Buletinul Institutului Politehnic din Iasi Volumul 65 (69), Numărul 1, Sectia Electrotehnica, Energetica, Electronica, 2019 Editura Politehniun, ISSN 1223-8139, pp. 69-79. http://www.bulipi-eee.tuiasi.ro/archive/2019/fasc.1/p5_f1_2019.pdf
9. S.Cetiner, M.Olariu, N.U.Kaya, **S.Aradoaei**, ***Thermally stimulated discharge currents of poly(acrylonitrile-co-acrylic acid)-polypyrrole composites***, Materials and applications for sensors and transducers II, Book Series: Key Engineering Materials, Volume: 543, pp. 154-158, 2013, DOI10.4028/www.scientific.net/KEM.543.154.
10. Plopa Olga, **Aradoaei Sebastian-Teodor**, Ursan George-Andrei, ***A New PSpice Implementation of a Three-Phase Induction Machine Model***, 2019 International Conference on Electromechanical and Energy Systems (SIELMEN), 9-11 Oct. 2019, Craiova, Romania, Romania Electronic ISBN: 978-1-7281-4011-7/19/2019, DOI10.1109/sielmen.2019.8905799