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Title: Electronics and Information Technologies in the Development of Support Elements for the Protection of Life and Environment

Domain: Electronics, Telecommunications and Information Technology

PUBLICATIONS LIST

RELEVANT PAPERS

1. C. Miron, **P. Ogruțan**, E. Wardegger, *Two New Miller theorems*, IEE Proceedings Circuits, Devices and Systems Vol. 133, October 1986, p.271-272, ISSN 1350-2409
2. L.E.Aciu, **P.Ogrutan**, G.Nicolae, B.Bouriot, *New SE_{DB} measurement methods for conductive materials*, Przegląd Electrotechniczny, 3/2010, ISSN 033-2097, p.5-7, WOS:000275023700002
3. **P. Ogrutan**, Lia Elena Aciu, Carmen Gerigan, Mihai Romanca, *Environmental Education in Electrical Engineering*, Environmental Engineering and Management Journal, September 2010, Vol.9, No. 9, pag. 1187-1194, ISSN 1582-9596, WOS:000288875000007, **Impact Factor 1,008**
4. **P. Ogrutan**, M. Romanca, C. Gerigan, G. Morariu, L. Aciu, *Real Time and Multiple Location Radon (^{222}Rn) Monitoring System*, Advances in Electrical and Computer Engineering, No. 4, November 2010, ISSN 1582-7445, WOS:000284782700025, **Impact Factor 0.642**
5. **P. Ogrutan**, L. E. Aciu, D.Lozoneanu, I Rosca, *Consumers protection and monitoring with microcontroller based device for low-voltage distribution systems*, Przegląd Electrotechniczny, 06/2012, ISSN 033-2097, p. 55-57, WOS:000305823300011
6. L. Aciu, **P. Ogrutan**, *HF signal behaviour analysis*, Przegląd Electrotechniczny, 07b/2012, ISSN 033-2097, ISSN 033-2097, p. 177-179, WOS:000306011400045
7. **P. Ogrutan**, L. Suciuciu, G. Morariu, L. E. Aciu, *Susceptibility of Radon Measurement Device to Electric Fields*, Roumanian Journal of Physics, Volume 58, Supplement, pages S202-S209, 2013, WOS:000318577900024, **Impact Factor 0,924**
8. Morariu, G., Machedon-Pisu, M., **Ogrutan**, PL., Croitoru, O., Dutca, M., Pascu, R., Bilici, A., *Influence of Non-Ionizing Electromagnetic Fields on Redox Systems in Solutions*, Environmental Engineering and Management Journal, Volume: 13, Issue: 10, Pages: 2633-2641, 2014, WOS:000347162500024, **Impact Factor 1,008**
9. L. Aciu, A. M. Cazan, **P. Ogrutan**, *A comparison between two didactical approaches on shielding problems in an electromagnetic compatibility course – Analytical method versus simulation method*, International Journal of Electrical Engineering Education, 2015, DOI: 10.1177/0020720915596753, SAGE, p 1-11, Print ISSN: 0020-7209, Online ISSN: 2050-4578, WOS:000372882400008, **Impact Factor 0,306**
10. **P.Ogrutan**, F. Sandu, C. Gerigan, *Using Students Own Mobile Phones in Teaching Wireless Programming Techniques Laboratory*, International Journal of Engineering Education, Volume: 32, Issue: 2, Pages: 841-848, Part: A, 2016, WOS:000374235000022, **Impact Factor 0,514**

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5. L. Purghel, Gh. Morariu, **P. Ogrutan**, M. Alexandru, Cs. Kertesz, L. Suciu, *Method and apparatus for Radon Concentration Measurement and Data Transmission*, (rom. *Metoda si aparat pentru masurarea concentratiei de Radon in aer si transmiterea datelor la distanta*), Patent 125125/2012, Derwent Code(s): S03-F06A; W01-C05B3F
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