

LISTA LUCRĂRILOR PUBLICATE

Articole publicate în reviste cotate ISI:

- **Buruiană, V.** (2012), *Intelligent monitoring and warning of a hydrogen ignition engine with microcontrollers based on coloured Petri nets approach*, Studies in Informatics and Control, ISSN 1220-1766 (în curs de recenzare);
- **Buruiană, V.** (2012), *Early reduction of pollution in ignition-based engines using intelligent lubrication fault diagnosis and hardware neural network*, Environmental Engineering and Management Journal vol. 11 (în curs de recenzare);
- Oprea, M., **Buruiană, V.**, Matei, A. (2010) *A microcontroller-based intelligent system for real-time flood alerting*, prezentat la conferința “Proceedings of ICCCC 2010”, International Journal of Computers Communications & Control, ISSN 1841-9836, 5(5): 844-851,
<http://www.journal.univagora.ro/download/pdf/470.pdf>

Articole publicate în volumele unor conferințe internaționale:

- **Buruiană, V.**, Oprea, M. (2012), *A Microcontroller-Based Radiation Monitoring and Warning System*, Proceedings of the 8th International Conference AIAI - 3rd Intelligent Systems for Quality of Life Information Services Workshop, Springer, Greece (în curs de recenzare);
- **Buruiană, V.**, Cărbureanu, M. (2012), *Embedded intelligent automatic pH control system based on microcontrollers*, Congress XX of Chilean Association of Automatic Control (ACCA) 2012 (în curs de publicare);
- **Buruiana, V.**, (2009) *Embedded life-saving systems – interfacing carbon monoxide sensors to microcontrollers*, Proceedings of CSCS17, vol 2, Politechnic University of Bucharest, Romania, 2009, pp.255-257;

Articole publicate în reviste indexate în baze de date internaționale:

- **Buruiana, V.**(2009), *Wireless Seismic Sensor for Monitoring a Geographical Region*, Technical series, Bulletin of Petroleum and Gas University, vol LXI no 3/2009, Ploiesti, pp. 281-286, ISBN 1224-8495, prezentat la Symposium of Process Control 2009, Universitatea Petrol – Gaze din Ploiești;
- **Buruiană, V.**(2009), *Micro controlling radio transmitting frequency*, Bulletin of Petroleum and Gas University, vol. LIX no. 1/2009, Ploiesti, pp. 63-72, ISBN 1224-8495;