Lista de lucrări

Articole publicate (maxim 10 lucrări):

1. Alexandru Lavric, Valentin Popa, Ştefan Sfichi, "Adaptive Channel Selection Algorithm for a Large Scale Street Lighting Control ZigBee Network in the Presence of WLAN Interference", Elektronika ir Elektrotechnika Journal, Vol. 19, Nr. 9, pp. 105-109, 2013, Web of Science Core Collection, Accession Number: WOS:000330687100023;

2. Alexandru Lavric, Valentin Popa, Ilie Finis, Daniel Simion, "The design and implementation of an energy efficient street lighting monitoring and control system", Przeglad Elektrotechniczny, Nr. 11, pp. 312-316, 2012, Web of Science Core Collection, Accession Number: WOS:000310614200070;

3. Lavric Alexandru, Popa Valentin, Sfichi Stefan, "Street lighting control system based on large-scale WSN: A step towards a Smart City", Electrical and Power Engineering (EPE), 2014 International Conference and Exposition on, pp.673,676, 16-18 Oct. 2014, (Thomson Reuters ISI Conference Proceedings Citation Index), Accession Number: WOS:000353565300122;

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5. D. Simion, M.F. Ursuleanu, A. Graur, A.D. Potorac, A. Lavric, "Efficiency Consideration for Data Packets Encryption within Wireless VPN Tunneling for Video Streaming", International Journal of Computers, Communications & Control (IJCCC), pp. 112-122, Vol. 8, nr.1, 2013, ISSN: 1841-9844 revistă cotată ISI, având factorul de impact 0,441 pentru anul 2012;

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8. Alexandru Lavric, Valentin Popa, "The Hardware Design of a Street Lighting Control with Vehicle and Malfunction Detection", The 8th International Symposium on Advanced Topics In Electrical Engineering Bucharest May 23-25, pp. 1-4, 2013 DOI : 10.1109/ATEE.2013.6563532 (BDI IEEE Explore); 09/ICComm.2012.6262616, (ISI Proceedings), Accession Number: WOS:000332928500186;

9. Alexandru Lavric, Valentin Popa, "Performance evaluation of routing algorithms that can be used in Smart City Concept", Przegląd Elektrotechniczny, Vol 2015, No 8, pp.97-100;

10. Alexandru Lavric, Valentin Popa, Ilie Finis, "The Design of a Street Lighting Monfeitoring and Control System," Conference Electrical and Power Engineering EPE , pp. 314-317, 2012, DOI: 10.1109/ICEPE.2012.6463912, Accession Number: WOS:000324685300056;

- Titlul tezei de doctorat: "Contribuții privind dezvoltarea sistemelor de iluminat stradal", Îndrumător: Prof. Dr. Ing. Valentin Popa

Nume   Data
Dr. Ing. Lavric Alexandru   25.05.2017