

Anul calendaristic 2014

1. Monografii, tratate publicate in edituri recunoscute din străinătate - ISI				
Nr.	Autori	Titlul	Editura	Anul/Pagini
1	Nicu Bizon, Marian Raducu, Mihai Oproescu, L.M. Constantinescu	Autonomous Vehicles: Intelligent Transport Systems and Smart Technologies, Chapter 12. Energy Efficiency of the Hybrid Power Source Used in the Plug-In Fuel Cell Vehicles, pg.313-352	Nova Science Publishers Inc., USA, 2014, ISBN: 978-1-63321-324-1 https://www.novapublishers.com/catalog/product_info.php?products_id=50365&osCsId=756a848447737596b96d62aa86a64cba	2014/40
2. Monografii, tratate publicate în Editura Academiei				
Nr.	Autori	Titlul	Anul/ Pagini	
1				
3. Monografii, tratate, cărți publicate in edituri recunoscute de CNCSIS				
Nr.	Autori	Titlul	Editura	Anul/Pg
1	Ionel Bostan	Circuite logice combinaționale- teorie și aplicații	MatrixRom (in curs de editare)	2014/138
2	Ionel Bostan	Circuite logice secvențiale- teorie și aplicații	MatrixRom (in curs de editare)	2014/100
3	Ene A.	Inginerie software pentru conducerea proceselor industriale. Lucrari de laborator	Ed. Universitatii din Pitesti	2014/100
4	C.I. Rîncu, V.G. Iana	Implementarea modulelor digitale cu structuri reprogramabile	Editura Academiei Tehnice Militare	2014/189
4. Articole in publicatii cotate ISI (pentru revistele cotate ISI, Factorul de Impact – F.I – este publicat anual de către Thompson Reuters in Jurnal Citation Report)				
Nr.	Autori	Titlul	Revista	
1	Bizon Nicu	Load-following Mode Control of a Standalone Renewable/Fuel Cell Hybrid Power Source http://dx.doi.org/10.1016/j.enconman.2013.10.035 http://www.sciencedirect.com/science/article/pii/S0196890413006705	Energy Conversion Management	
2	Bizon Nicu	Improving the PEMFC energy efficiency by optimizing the fuelling rates based on extremum seeking algorithm http://dx.doi.org/10.1016/j.ijhydene.2014.04.194 http://www.sciencedirect.com/science/article/pii/S0360319914012841	International Journal of Hydrogen Energy	
3	Bizon Nicu	Tracking the maximum efficiency point for the FC system based on extremum seeking scheme to control the air flow http://dx.doi.org/10.1016/j.apenergy.2014.05.002 http://www.sciencedirect.com/science/article/pii/S0306261914004747	Applied Energy	

	4	N. Bizon, M. Oproescu, M. Raceanu	Efficient Energy Control Strategies for a Standalone Renewable/Fuel Cell Hybrid Power Source, Energy Conversion Management	Energy Conversion Management
5.	Articole in publicatii cotate +B /B - CNCSIS			
	Nr.	Autori	Titlul	Revista
	1	Cosmin Stirbu, Petre Angheliescu	Distributed System Based on Neural Networks to Faults Diagnosis	Scientific Bulletin, Series: Electronics and Computers Science, ISSN – 1453 – 1119, Revista categoria B+ CNCS; http://fecc_bulletin.upit.ro/
	2	Cristian Monea, Gabriel Iana	Coin signal recognition based on neural networks	Scientific Bulletin, Series “Electronics and Computers Science”, vol. 14, Issue 1/2014, pp.19-24, pISSN: 2344 – 2158, eISSN: 2344 – 2166
6.	Articole incluse in baze de date indexate cu recunoastere ISI			
	Nr.	Autori	Titlul	Baza date
	1	Bizon N., Raducu M., Oproescu M., Constantinescu L.M.,	Energy Efficiency of the PV Panels Using a MPPT Controller with Improved Search Speed - Part I: Modeling of the PV Power System under Extremum Seeking Control, pp. 45-50, 19th International Conference on Applied Electronics (AE 2014), University of west Bohemia, Pilsen, Cehia, IEEEExplore, ISSN 1803-7232 (Print), ISSN 1805-9597 (Online).	IEEEExplore
	2	Barara, M. ; Abbou, A. ; Akherraz, M. ; Bennassar, A. ; Ionita, S. ; Lefter, E. ; Enache, B.	Experimental analysis on a Self Excited Induction Generator for standalone wind electric pumping stations	IEEEExplore Development and Application Systems (DAS), 2014 International Conference on DOI: 10.1109/DAAS.2014.6842423 Publication Year: 2014 , Page(s): 29 - 36 IEEE Conference Publications
7.	Articole incluse in baze de date indexate cu recunoastere In domeniul			
	Nr.	Autori	Titlul	Baza date
	1	Petre Angheliescu, Cosmin Stirbu	Cellular Automata Based Algorithm for Image Density Classification Task	The 6th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2014, ISSN – 1843 – 2115, pp. 5 – 9, IEEE Xplore.
	2	Petre Angheliescu, Stefan Angheliescu, Silviu Ionita	Real-time Audio Effects with DSP Algorithms and DirectSound	The 6th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2014, ISSN – 1843 – 2115, pp. 35 – 40, IEEE Xplore.
	3	Ene Al., Știrbu, C.	A Java application for the selection of a weights file for a two hidden layers neural network	ECAI 2014 - International Conference – 6th Edition Electronics, Computers and Artificial Intelligence October 2014, București, ROMÂNIA, IEEE Xplore.
	4	Ene Al,	A Java client server application for building balanced groups	ECAI 2014 - International Conference – 6th Edition Electronics, Computers and Artificial Intelligence October 2014, București, ROMÂNIA, IEEE Xplore.

5	Gabriel V. Iana, Cristian Monea	Coin recognition system based on a neural network	7-th ECAI, Vol. 6, No. 32014, ISSN-1843-2115, IEEE Catalog number: CFP1427U-PRT, pag. 13-19, Bucuresti		
6	Cristian-Iulian Rincu, Gabriel Iana	S-box design based on chaotic maps combination	10th International Conference on Communication, DOI: 10.1109/ICComm.2014.6866741, 29-31 May 2014		
7	Hoarcă Ioan Cristian, Marian Răducu, Luminita-Mirela Constantinescu,	Energy Efficiency Analysis Of Various Topologies, Control Techniques And Technologies Used For Photovoltaic Part II: Maximum Power Point Tracking Algorithms, IEEEExplore, Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, pp. 45-48, București, Vol. 6 – No. 6/ 2014 ISSN – 1843 – 2115.	IEEEExplore		
8	Marin Raduț, Marian Raducu	On The Maximum Power Point Matching of The Photovoltaic Panels to Load Demand, Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, pp. 59-62, vol. 3, Bucharest, ISSN 1843-2115 (http://www.ecai.upit.ro).	IEEEExplore		
9	Nicu Bizon	Preventing Reactant Starvation of a 5 KW PEM Fuel Cell Stack during sudden Load Change	IEEEExplore Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, http://ecai.ro/		
10	Nicu Bizon, Mihai Oproescu	On the Chaotic and Periodic Behavior of the Power Converter - Part I: The Mathematical Modeling,	IEEEExplore Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, http://ecai.ro/		
11	Nicu Bizon, Mihai Oproescu	On the Chaotic and Periodic Behavior of the Power Converter - Part II: The Simulation Result	IEEEExplore Proceedings of Int. conf on Electronics, Computers and Artificial Intelligence - ECAI'14, http://ecai.ro/		
12	A Mazare, L Ionescu, G Serban, I Lita	FPGA-based system for data acquisition and remote communication	IEEEExplore, Google Scholar		
13	L.M. Ionescu, A. Mazare, C. Anton, C. Stoian	The hardware implementation of a quantum computation system emulator	IEEEExplore		
14	Corina SAVULESCU, Mariana IORGULESCU	The implementation of Hamming decoder on Spartan 3, ECAI 2014, Vol.6, No.5/2014, ISSN- 1843 – 2115, pg. 41-44	IEEEExplore		
8.	Articole publicate în alte reviste din strainatate / Academie				
	Nr.	Autori	Titlul		
	1		Revista		
9.	Articole publicate in vol. unor manifestări științifice internaționale cu ISBN/ISSN organizate in străinătate de o entitatea științifică internațională				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea stiintifica organizatoare
	1	Stănescu C., Chiță M.A.	Some aspects regarding the experimental methods for determining the shields in the microwave range	The 10 th International Conference of Technical and Physical Problems an Electrical engineering, ICTPE 2014, 7-8 September 2014, Baku, Ajerbaijan	Technical Pysical Engineering (TPE)

	2	Chiță M.A.	Consideration concerning of a temperature measurement with a 1-wire digital thermometer	The 25th DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Sustainability", 26-29 th November 2014, Vienna, Austria	Danube Adria Association for Automation & Manufacturing (DAAAM)
	3	Chiță M.A.	A circuit for the relative humidity measurement with capacitive sensor	The 25th DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Sustainability", 26-29 th November 2014, Vienna, Austria	Danube Adria Association for Automation & Manufacturing (DAAAM)
	4	M. Jurian, I.Liță, D. Vișan	The Evolution of Telecommunications in Romania	41ST ICOHTEC SYMPOSIUM TECHNOLOGY IN TIMES OF TRANSITION Brasov, Romania, 29 July-3 August 2014	ICOHTEC
10.	Articole publicate in vol. unor manifestări științifice internaționale cu ISBN/ISSN organizate in țară sub tutela unei entități științifice internaționale				
	Nr.	Autori	Titlul	Revista / publicația	Entitatea științifică organizatoare
11.	Articole publicate in volume/reviste ale unor manifestari științifice/periodice din strainatate/tara				
	Nr.				
	1	Ionita Silviu	ANALIZA SI INTERPRETAREA STATISTICA A DATELOR PENTRU URMARIREA CALITATII IN PROCESELE DE PRODUCTIE (I)	Mentenanata si Distributie Industrială-MSDI Anul IV, Nr.1(20), Feb.-Mar 2014. www.msdi.ro	
	2	Ionita Silviu	ANALIZA SI INTERPRETAREA STATISTICA A DATELOR PENTRU URMARIREA CALITATII IN PROCESELE DE PRODUCTIE (II)	Mentenanata si Distributie Industrială-MSDI Anul IV, Nr.2(21), Apr.-Iun 2014	
	3	Ionita Silviu	TEHNOLOGIILE AIDC SI APLICATII INDUSTRIALE (I)	Mentenanata si Distributie Industrială-MSDI Anul IV, Nr.3(22), Iun.-Iul 2014	
	4	Ionita Silviu	TEHNOLOGIILE AIDC SI APLICATII INDUSTRIALE (II)	Mentenanata si Distributie Industrială-MSDI Anul IV, Nr.4(23), .Aug-Sep 2014	
12.	Director/responsabil de contract/proiect/grant de cercetare științifică (inclusiv în granturile cu parteneri multipli), cu valoarea unitară care revine Universității din Pitești				
	Nr.	Denumire contract	Nume Director	Finanțator	Valoare (lei)
	1	Test of speaker system regarding feasibility, quality and cost. Theoretical evaluation & documentation of concept. – Contract nr.4/24.01.2014	Gabriel Iana	S.C. DPR Draexlmaier Procese de Productie Romania SRL Timisoara	21194,68 Euro ~ 94310 lei

	2	Recognition and classification of surfaces and structures. Evaluation and creation of specific algorithms in order to be integrated into industrial image processing systems - Contract nr.5/24.01.2014	Florin Birleanu	S.C. DPR Draexlmaier Procese de Productie Romania SRL Timisoara	20744,00 Euro ~ 92315 lei
14.	Brevet de invenție				
	Nr.	Autori	Titlul	Anul	
	1				
	Citări în reviste cotate ISI (fără autocitări – din ISI Web of Knowledge)				
15.		Lucrarea citată + revista	Lucrarea care citează + revista		
	1				