

Continutul fisei de verificare pentru: IONESCU LAURENTIU MIHAI

	Sub-categorii	Carte / Lucrare / Articol, etc.	Indicator (kpi)
1	1.1.1. Internationale	2007: Evolved synthesis of digital circuit, Laurentiu Ionescu, Emil Sofron, Gheorghe Serban, Alin Mazare Encyclopedia of Artificial Intelligence, Edited by: Juan Rabunal, Alejandro Pazos Sierra, University of A Coruna, IGI Global, 2007, Spain, ISBN 978-1-59904-849-9	6.25
2	1.1.1. Internationale	2010: Intrinsic Evolvable Hardware Structures, Laurentiu Ionescu, Alin Mazare, Gabriel Iana, Gheorghe Serban, Ionel Bostan Chapter 11 of book „Soft Computing: Methods for Practical Environment Solutions”, Ed. Marcos Gestal Pose & Daniel Rivero Cebrian, ISBN 978-1-61520-893-7, p. 160-186, IGI Global, 2010	6.25
3	1.1.1. Internationale	2012: Intrinsic Evolvable Hardware Used for Fault Tolerance Systems, Laurentiu Ionescu, Alin Mazare, Gheorghe Serban Book International Journal of Organizational and Collective Intelligence , IGI Global, Vol. 3, Issue 2, Article 2, (pp.43-80), 3(2), 43-80, April-June 2012, DOI: 10.4018/joci.2012040102, DOI: 10.4018/IJOCI, ISSN: 1947-9344, EISSN: 1947-9352, 2012 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	6.25
4	1.1.2. Nationale	2010: Aplicații cu sisteme în timp real, Laurențiu Ionescu, Alin Mazăre, Gheorghe Șerban, Gabriel Iana, Petre Anghelescu Editura Matrix ROM, București, ISBN 978-973-755-611-0, 2010, 193 p.	10.00
5	1.1.2. Nationale	2010: Programarea cu limbaje de descriere hardware, Gabriel Iana, Gheorghe Șerban, Laurențiu Ionescu, Petre Anghelescu Ed. Matrix Rom, București, ISBN 978-973-755-562-5	12.50
6	1.1.2. Nationale	2015: Aplicații cu circuite reconfigurabile, Laurențiu-Mihai Ionescu, Alin Mazăre ISBN: 978-606-560-445-2, Ed. Universității din Pitești, 2015 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	25.00
7	1.1.2. Nationale	2015: Tehnici CAD – îndrumar de laborator, Alin-Gheorghita Mazare, Laurentiu-Mihai Ionescu ISBN: 978-606-560-444-5, Ed. Universității din Pitești, 2015 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	25.00
8	1.3.1. Manuale didactice, suport de curs	2016: Proiectarea de aplicații în timp real, Laurentiu Ionescu Note de curs, Universitatea din Pitesti, 2016 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	0.00
9	1.3.1. Manuale didactice, suport de curs	2016: Sisteme de control în timp real, Laurentiu Ionescu Note de curs, Universitatea din Pitesti, 2016	0.00
10	1.3.2. Îndrumare de laborator, culegere de probleme	2016: Calculatoare numerice – Indrumar de laborator, Gheorghe Serban, Laurentiu Ionescu Indrumar de laborator, Universitatea din Pitesti, 2016	0.00
11	1.3.2. Îndrumare de laborator, culegere de probleme	2016: Structura si organizarea calculatoarelor – Indrumar de laborator, Gheorghe Serban, Laurentiu Ionescu Indrumar de laborator, Universitatea din Pitesti, 2016	0.00
12	2.1.1. Articole in reviste cotate ISI	2012: The possibility of optimisation for power supply consumption using evolvable power regulator, Gheorghe Serban, Laurentiu Ionescu, Alin Mazare Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique, Tome 57, 2012, No 2, Avril-Juin, pp.222-231, ISSN: 0035-4066 FI 0.47 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100% WOS: 000305202600012	13.03

13	2.1.1. Articole in reviste cotate ISI	<p>2018, Mai: Optimization of the Proton Exchange Membrane Fuel Cell Hybrid Power System for Residential Buildings, Nicu Bizon, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, Florentina Magda Enescu ENERGY CONVERSION AND MANAGEMENT, Volume: 163, Pages: 22-37, DOI: 10.1016/j.enconman.2018.02.025, Published:MAY 1 2018, Document Type:Article, FI 2017 :6.377</p> <p>Teme: "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticoale cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 100%</p> <p>WOS: 000431837400003 Nr autori: 4/4</p>	54.08
14	2.1.2. Articole in volume indexate ISI Proceedings	<p>2003: FPGA implementation of a Boolean neuronal network, Laurențiu Ionescu, Ionel Bostan, Valeriu Ionescu Proceeding of the International Semiconductors Conference CAS 2003, 2003 International Semiconductor Conference, Vols 1 And 2, Proceedings, 375-378, ISBN:0-7803-7821-0, 2003</p> <p>WOS: 000189468100082</p>	10.83
15	2.1.2. Articole in volume indexate ISI Proceedings	<p>2004: Systemic design for integrated digital circuit structures, V. Ionescu, I. Bostan, L. Ionescu CAS 2004 " 2004 International Semiconductor Conference" Sinaia, ISBN 0-7803-8499-7; IEEE Catalog Number 04TH8748</p> <p>WOS: 000228010700097</p>	10.83
16	2.1.2. Articole in volume indexate ISI Proceedings	<p>2004: Neuron implementation using reconfigurable hardware, Emil Sofron, Gheorghe Șerban, Ionel Bostan, Laurențiu Ionescu, Valeriu Ionescu, Alin Mazare 9th International Conference on Optimisation of Electrical and Electronic Equipments, The Transilvania University, Brasov, pag. 189., ISBN 973-635-285-4, 2004</p> <p>WOS: 000255192200033</p>	5.42
17	2.1.2. Articole in volume indexate ISI Proceedings	<p>2006: FPGA Implementations of Cellular Automata for Pseudo-Random Number Generation, Angheliescu, Petre; Sofron, Emil; Ionita, Silviu; L. Ionescu 2006 International Semiconductor Conference, Vols 1, 2, pp. 371-374, ISBN:1-4244-0109-7, 2006</p> <p>WOS: 000243090700078</p>	8.13
18	2.1.2. Articole in volume indexate ISI Proceedings	<p>2009: Optoelectronic system with optical fibres sensor for ionic concentration measurement of ions from tampon solutions, M. Chita, G. Serban, L. Ionescu, C. Ghita, A. Mazare Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, Volume 20, No. 1, ISSN 1726-9679, ISBN 978-3-901509-70-4, Viena, Austria, 2009</p> <p>WOS: 000282335600443</p>	6.50
19	2.1.2. Articole in volume indexate ISI Proceedings	<p>2009: FPGA-Implemented CRC Algorithm, Anton C., Ionescu L., Tutanescu I., Mazare A., Serban G. International Conference "Applied Electronics", Pilsen 9-10 September 2009, p. 25-30, ISSN 1803-7232, ISBN 978-80-7043-781-0, IEEE Catalog Number CFP0969A-PRT, University of West Bohemia, Pilsen, Czech Republic, 2009, p.25-29</p> <p>WOS: 000273977300004</p>	6.50
20	2.1.2. Articole in volume indexate ISI Proceedings	<p>2010: An Implementation of BCH codes in FPGA, Serban Gheorghe, Anton Constantin, Tutanescu Ion, Laurentiu Ionescu, Alin Mazare Conference: International Conference on Applied Electronics Location: Pilsen, CZECH REPUBLIC Date: SEP08-09, 2010 Sponsor(s): Inst Elect & Elect Engineers (IEEE); Univ W Bohemia, Fac Elect Engr, Dept Appl Elect & Telecommun; Ind Elect Soc (IES) 2010 INTERNATIONAL CONFERENCE ON APPLIED ELECTRONICS Book Series: Applied Electronics Pages: 307-310 Published: 2010</p> <p>WOS: 000305765800063</p>	6.50

21	2.1.2. Articole in volume indexate ISI Proceedings	2010: Optimization of Sigma-Delta Modulator Based on Artificial Immune Algorithms, Gabriel V Iana, Gheorghe Serban, Petre Angheliescu, Laurentiu Ionescu 12th International Conference on Optimization of Electrical and Electronic Equipment Equipment (OPTIM 2010), 2010 12th International Conference on, pp. 1010-1015, IEEE, ISSN: 1842-0133, pp. 1010-1015, 2010 WOS: 000291967300150	8.13
22	2.1.2. Articole in volume indexate ISI Proceedings	2010: VLSI implementation of an associative content addressable memory based on Hopfield network model, L. Ionescu, A. G. Mazare, G. Serban Proceedings of International Semiconductor Conference CAS2010, 33' edition, IEEE Catalog number: CFP10CAS-PRT, ISBN: 978-1-4244-5781-6; ISSN: 1545-827X, Vol. 1, Section IC&D, pp 499-502, October 11-13 2010 WOS: 000371396100105	10.83
23	2.1.2. Articole in volume indexate ISI Proceedings	2011: Implementation of a 64-bit hybrid SR-ARQ algorithm on FPGA, Serban G., Anton C., Ionescu L., Tutanescu I., Mazare A Proceeding of International Conference on Applied Electronics, ISBN 978-80-7043-987-6, ISSN 1803-7232, IEEE Catalog Number CFP1169A-PRT, p. 337-340, Pilsen, 7-8 September 2011 WOS: 000305136600074	6.50
24	2.1.2. Articole in volume indexate ISI Proceedings	2011: Evolvable hardware with Boolean functions network implementation, Mazare A., Ionescu L., Serban G., Barbu V. Proceeding of International Conference on Applied Electronics, ISBN 978-80-7043-987-6, ISSN 1803-7232, IEEE Catalog Number CFP1169A-PRT, p. 255-260, Pilsen, 7-8 september 2011 WOS: 000305136600058	8.13
25	2.1.2. Articole in volume indexate ISI Proceedings	2011: FPGA implementation of an associative content addressable memory, Ionescu L., Mazare A., Serban G., Barbu V., Anton C. Proceeding of International Conference on Applied Electronics, ISBN 978-80-7043-987-6, ISSN 1803-7232, IEEE Catalog Number CFP1169A-PRT, p. 181-184, Pilsen, 7-8 september 2011 WOS: 000305136600042	6.50
26	2.1.2. Articole in volume indexate ISI Proceedings	2012: H-ARQ System for real time Error Detection and Correction based on Hardware Associative Memories, G. Șerban, C. Anton, L. Ionescu, I. Tuțănescu, A. Mazăre International Conference on Applied Electronics AE'2012, 5-7 September, 2012, Pilzen, Czech Republic, lucrare publicata in Conference Proceedings ISSN 1803-7232 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100% WOS: 000329181800046	6.50
27	2.1.2. Articole in volume indexate ISI Proceedings	2012: An Error Detection and Correction System based on Associative Memories, Anton Constantin, Ionescu Laurentiu, Tutanescu Ion, Mazare Alin, Serban Gheorghe, Oprea Adriana 2012 20th Telecommunications Forum (TELFOR), ISBN: 978-1-4673-2984-2, p.568-571, Belgrade, Serbia, November, 20-22, 2012 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100% WOS: 000316626800139	5.42
28	2.1.2. Articole in volume indexate ISI Proceedings	2012: Error correction and detection system based on Hopfield networks, Ionescu, L., Anton, C., Tuțănescu, I., Mazăre, A., Șerban, G. 2012 International Conference for Internet Technology and Secured Transactions, ICITST 2012, Article number 6470868, Pages 541-544, ISBN: 978-190832008-7 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100% WOS: 000317120000087	6.50
29	2.1.2. Articole in volume indexate ISI Proceedings	2013: Evolvable Hardware Used in Heliostatic Field Tracker System Control, Barbu V., Ionescu L., Mazare A., Serban G. 2013 International Conference on Applied Electronics, Pilsen 10 - 12 September 2013, 29-33, ISSN 1803-7232 (Print) ISSN 1805-9597 (Online), ISBN 978-80-261-0166-6 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100% WOS: 000343819700007	8.13

30	2.1.2. Articole in volume indexate ISI Proceedings	<p>2013: Error detection and correction using LDPC in parallel Hopfield networks, Anton, C., Ionescu, L., Tutănescu, I., Mazare, A., Serban, G. 4th International Symposium on Electrical and Electronics Engineering (ISEEE), 2013, 11-13 Oct. 2013, INSPEC Accession Number:13936656, 10.1109/ISEEE.2013.6674380 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000335153400074</p>	6.50
31	2.1.2. Articole in volume indexate ISI Proceedings	<p>2013: Errors correction with optimised Hopfield neural networks, Anton C., Ionescu L., Mazăre A., Tutănescu I., Serban G. Telecommunications Forum (TELFOR), 2013 21st, 25-28 nov. 2013, ISBN 978-1-4799-1419-7, pp. 393 – 396, 2013 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000349857500093</p>	6.50
32	2.1.2. Articole in volume indexate ISI Proceedings	<p>2014: FPGA-based system for data acquisition and remote communication, A Mazare, L Ionescu, G Serban, I Lita Design and Technology in Electronic Packaging (SIITME), 2014 IEEE 20th International Symposium for, 169-174, DOI: 10.1109/SIITME.2014.6967019, 2014 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000358258300030</p>	8.13
33	2.1.2. Articole in volume indexate ISI Proceedings	<p>2014: The hardware implementation of a quantum computation system emulator, LM Ionescu, A Mazare, C Anton, C Stoian Applied Electronics (AE), 2014 International Conference on, ISSN 1803-7232, ISBN 978-8-0261-0276-2, 121 – 124, 2014 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000375940400027</p>	8.13
34	2.1.2. Articole in volume indexate ISI Proceedings	<p>2014: Creating involvement of production workers by reliable technical maintenance, Misztal, A, Butlewski, M, Belu, N, Ionescu, LM 2014 International Conference On Production Research - Regional Conference Africa, Europe And The Middle East And 3rd International Conference on Quality and Innovation in Engineering and Management (Icpr-Aem 2014), pp. 322-327, ISBN:978-973-662-978-5, 2014 Teme: Tehnologii informaționale aplicate (CTI - nefin), 100% Tehnologii informaționale aplicate (CTI - nefin), 100%</p> <p>WOS: 000346410700061</p>	8.13
35	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Real Time System for Image Acquisition and Pattern Recognition Using Boolean Neural Network, A. Mazare, L.M. Ionescu, A.I. Lita, G. Serban 38th International Spring Seminar on Electronics Technology "Novel Trends in Electronics Manufacturing", Edger, Hungary, 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000374113000059</p>	8.13
36	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Fully Integrated Artificial Intelligence Solution for Real Time Route Tracking, L.M. Ionescu, A. Mazare, A.I. Lita, G. Serban 38th International Spring Seminar on Electronics Technology "Novel Trends in Electronics Manufacturing" ISSE, Edger, Hungary, 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000374113000107</p>	8.13

37	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Poka Yoke system based on image analysis and object recognition, .Belu, L.M. Ionescu, A. Misztal, A. Mazare Modern Technologies in Industrial Engineering ModTech, Mamaia Romania, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING (MODTECH2015) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 95 Article Number: 012138, 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000365128900138</p>	8.15
38	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Real time PCB diagnosis using FPGA - implemented video analysis tool, Berechet, V.A. ; Ionescu, L.M. ; Mazare, A.G. ; Lita, I. 2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging (SIITME), pp. 201-205, DOI:10.1109/SIITME.2015.7342323, Brasov, Romania 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000377765500035</p>	8.13
39	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Real - time system for shape extraction from an image, Ionescu, L.M., Mazare, A.G., Berechet, V.A., Lita, I. 2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging (SIITME), pp. 205 – 208, DOI:10.1109/SIITME.2015.7342324, Brasov, Romania 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000377765500036</p>	8.13
40	2.1.2. Articole in volume indexate ISI Proceedings	<p>2015: Mobile system with real time route learning using Hardware Artificial Neural Network, Mazare, A., Ionescu, L.-M. , Lita, A.-I. , Serban, G. , Ionut, M 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 45-48, DOI:10.1109/ECAI.2015.7301250, ISBN 978-1-4673-6646-5 , Bucharest, Romania, June, 2015 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000370971100115</p>	6.50
41	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Real time system for instrumental sound extraction and recognition, Adrian Ioan Lita, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, Gheorghe Serban, Ioan Lita Electronics Technology (ISSE), 2016 39th International Spring Seminar on, pp. 456-461, Electronic ISSN: 2161-2064, 2016 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%</p> <p>WOS: 000387089800090</p>	6.50
42	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Quality Assurance Matrix as the advanced generation of quality control, Nadia Belu, Agnieszka Misztal, Laurentiu Mihai Ionescu International Conference on Economics and Management Innovations (ICEMI 2016), 2016 Teme: Tehnologii informatiionale aplicate (CTI - nefin), 100% Tehnologii informatiionale aplicate (CTI - nefin), 100%</p> <p>WOS: 000384638300052</p>	10.83
43	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Monitoring of manufacturing processes in the automotive industry using indoor location system, LM Ionescu, N Belu, N Rachieru, AG Mazare, DC Anghel IOP Conference Series: Materials Science and Engineering, Vol. 145, Issue 2, Pp. 022020, doi:10.1088/1757-899X/145/2/022020, 2016 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000396437600020</p>	6.50

44	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Improvement of the 8D Analysis Through a System Based on the &quot;Internet of Things&quot; Concept Applied in Automotive Industry, V. Nicolae, L. M. Ionescu , N. Belu, L. E. Știrbu CONAT 2016 International Congress of Automotive and Transport Engineering, pp 635-642, 2016. doi:10.1007/978-3-319-45447-4_70, Editor Springer International Publishing. (BDI: Springerlink) Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Sisteme integrate hardware si software (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Sisteme integrate hardware si software (CTI - nefin), 50%</p> <p>WOS: 000390821400070</p>	8.13
45	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Real time system for extraction and playback of an instrumental sound, L. M. Ionescu, A. Gh. Mazare, I. Lita, N. Belu, A-I. Lita 2016 IEEE 22nd International Symposium for Design and Technology in Electronic Packaging (SIITME), Oradea, Romania, 2016, pp. 86-89. doi: 10.1109/SIITME.2016.7777250. (BDI: IEEE Xplore) Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000390557400015</p>	6.50
46	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Remote Communication Interface for Sound and Vibration Sensors, Visan, Daniel Alexandru; Ionescu, Laurentiu Mihai; Lita, Adrian Ioan, Alin Mazare 2016 IEEE 22nd International Symposium for Design and Technology in Electronic Packaging (SIITME), Oradea, Romania, 2016, pp. 90-93. doi: 10.1109/SIITME.2016.7777250. (BDI: IEEE Xplore) Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000390557400016</p>	8.13
47	2.1.2. Articole in volume indexate ISI Proceedings	<p>2016: Delta Encoder for Fiber Optic Based Data Transmission of Signals from Sensors, Visan, Daniel Alexandru; Jurian, Mariana; Cioc, Ion Bogdan; Ionescu, Laurentiu Mihai; Lita, Adrian Ioan 2016 8TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI), Book Series: International Conference on Electronics Computers and Artificial Intelligence, Published: 2016, ISBN:978-1-5090-2047-8, ISSN: 2378-7147, 2016 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000402541200057</p>	6.50
48	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017: Non-invasive system for monitoring of the manufacturing equipment, Mazare, A. G; Belu, N.; Ionescu, L. M.; Rachieru, N.; Misztal, A. MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING V Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 227,DOI: 10.1088/1757-899X/227/1/012078, Published: 2017, ISSN: 1757-8981 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (IETTI - fin), 100% Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (IETTI - fin), 100%</p> <p>WOS: 000409221600078</p>	6.50
49	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017: Real time monitoring system used in route planning for the electric vehicle, Ionescu, L. M. ; Mazare, A. ; Serban, G. ; Ionita, S INTERNATIONAL CONGRESS OF AUTOMOTIVE AND TRANSPORT ENGINEERING - MOBILITY ENGINEERING AND ENVIRONMENT (CAR2017) Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 252, Article Number: UNSP 012095, DOI: 10.1088/1757-899X/252/1/012095, Published: 2017 ISSN: 1757-8981, 2017 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (IETTI - fin), 100% Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (IETTI - fin), 100%</p> <p>WOS: 000419817200095</p>	8.13

50	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, August: Electricity consumption measurement system for detecting losses occurring in power transmission networks, Laurentiu Mihai Ionescu ; Alin Mazare ; Mihai Oproescu ; Ioan Lita ; Gheorghe Serban ; Belu Nadia Published in: Electronics, Computers and Artificial Intelligence (ECAI), 2017 9th International Conference on, Date of Conference: 29 June-1 July 2017, Date Added to IEEE Xplore: 07 December 2017, Electronic ISBN: 978-1-5090-6458-8 Print ISBN: 978-1-5090-6457-1 USB ISBN: 978-1-5090-6456-4 Print on Demand(PoD) ISBN: 978-1-5090-6459-5 DOI: 10.1109/ECAI.2017.8166469 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (IETTI - fin), 100%</p> <p>WOS: 000425865900085 Nr autori: 6/7</p>	4.64
51	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, Iulie: Simulation and implementation of a pulse position modulator for short-range optical communication systems, Daniel Alexandru Visan ; Ioan Lita ; Laurentiu Mihai Ionescu ; Ion Bogdan Cioc Published in: Electronics Technology (ISSE), 2017 40th International Spring Seminar on, Date of Conference: 10-14 May 2017 Date Added to IEEE Xplore: 08 August 2017 Electronic ISBN: 978-1-5386-0582-0 Print on Demand(PoD) ISBN: 978-1-5386-0583-7 Electronic ISSN: 2161-2536 DOI: 10.1109/ISSE.2017.8000958 Teme: Sisteme integrate hardware si software (CTI - nefin), 100%</p> <p>WOS: 000426973000081 Nr autori: 4/4</p>	8.13
52	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, Octombrie: Line encoder with serial data transmission for automotive applications, Daniel Alexandra Visan; Laurentiu Mihai Ionescu; Alin Gheorghita Mazare; Adrian Ioan Lita 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) Pages: 349 - 352 Date Added to IEEE Xplore: 18 January 2018 DOI: 10.1109/SIITME.2017.8259922 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (CTI - fin), 100%</p> <p>WOS: 000428032300073 Nr autori: 4/4</p>	8.13
53	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, Octombrie: Current consumption monitoring and analysis system for energy management improvement in an industrial complex, Laurentiu Mihai Ionescu; Alin Gheorghita Mazare; Adrian Ioan Lita; Daniel Alexandru Visan; Gheorghe Serban; Nadia Belu; A. Sanmarghitan; T. Goeller; S. Balauta 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) Pages: 286 - 291 Date Added to IEEE Xplore: 18 January 2018 DOI: 10.1109/SIITME.2017.8259909 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (CTI - fin), 100%</p> <p>WOS: 000428032300060 Nr autori: 6/9</p>	3.61
54	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, Decembrie: Door automation system for smart home implementation, Adrian Ioan Lita; Daniel Alexandru Visan; Alin Gheorghita Mazare; Laurentiu Mihai Ionescu 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) Pages: 345 - 348 Date Added to IEEE Xplore: 18 January 2018 DOI: 10.1109/SIITME.2017.8259925 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (CTI - fin), 100%</p> <p>WOS: 000428032300076 Nr autori: 4/4</p>	8.13

55	2.1.2. Articole in volume indexate ISI Proceedings	<p>2017, Octombrie: Intelligent system for determining the consumer profile and generate alarm in case of significant deviations from the profile, Alin Gheorghita Mazare; Laurentiu Mihai Ionescu; Daniel Alexandru Visan; Nadia Belu; Ioan Lita; T. Eilks; V. Stan; C. Colceriu 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) Pages: 361 - 366 Date Added to IEEE <i>Xplore</i>: 18 January 2018 DOI: 10.1109/SIITME.2017.8259926 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance - CARA_SG (CTI - fin), 100%</p> <p>WOS: 000428032300077 Nr autori: 5/8</p>	4.06
56	2.1.2. Articole in volume indexate ISI Proceedings	<p>2018, August: Microcontroller Based Magnetometer for Smart Meters Used in Electrical Energy Measurement, Adrian Ioan Lita , Daniel Alexandru Visan , Mirela Gherghe , Laurentiu Mihai Ionescu , Alin Gheorghita Mazare , Ioan Lita 2018 41st International Spring Seminar on Electronics Technology (ISSE) , DOI: 10.1109/ISSE.2018.8443693 , Conference Location: Zlatibor, Serbia, Serbia , Electronic ISBN: 978-1-5386-5731-7 , DOI: 10.1109/ISSE.2018.8443693 , Date of Conference: 16-20 May 2018 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance (CERA-SG) (CTI - fin), 100%</p> <p>WOS: 000449866600067 DOI: 10.1109/ISSE.2018.8443693 Nr autori: 5/6 BDI: IEEE/IET Electronic Library (IEL)</p>	5.42
57	2.1.2. Articole in volume indexate ISI Proceedings	<p>2018, Ianuarie: Digital Modem for Distributed Data Acquisition and Control Systems Used in Intensive Fruit Farming, Daniel Alexandru Visan, Adrian Ioan Lita, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, Ioan Lita 2018 41st International Spring Seminar on Electronics Technology (ISSE), Conference Location: Zlatibor, Serbia, Serbia , DOI: 10.1109/ISSE.2018.8443613 , Electronic ISBN: 978-1-5386-5731-7 , Date of Conference: 16-20 May 2018 Teme: "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticole cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 100%</p> <p>WOS: 000449866600010 DOI: DOI: 10.1109/ISSE.2018.8443613 Nr autori: 4/5</p>	6.50
58	2.1.2. Articole in volume indexate ISI Proceedings	<p>2018, Ianuarie: Field Programmable Gates Array implementation of quantum computation structures, Laurentiu-Mihai Ionescu, Alin Mazare, Daniel Visan, Nadia Belu, Adrian Lita 2018 41st International Spring Seminar on Electronics Technology (ISSE) , Publisher: IEEE , Conference Location: Zlatibor, Serbia, Serbia , DOI: 10.1109/ISSE.2018.8443620 , Electronic ISBN: 978-1-5386-5731-7 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance (CERA-SG) (CTI - fin), 100%</p> <p>WOS: 000449866600015 DOI: DOI: 10.1109/ISSE.2018.8443620</p>	6.50
59	2.1.2. Articole in volume indexate ISI Proceedings	<p>2018, Ianuarie: Embedded system for real time analysis of thermal images for prevention of water stress on plants, Alin Gh Mazare, Laurentiu M Ionescu, Daniel Visan, Adrian I Lita, Gheorghe Serban 2018 41st International Spring Seminar on Electronics Technology (ISSE) , Conference Location: Zlatibor, Serbia, Serbia , Publisher: IEEE , DOI: 10.1109/ISSE.2018.8443604 , Electronic ISBN: 978-1-5386-5731-7 , Date of Conference: 16-20 May 2018 Teme: "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticole cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 100%</p> <p>WOS: 000449866600001 DOI: 10.1109/ISSE.2018.8443604 Nr autori: 5/5</p>	6.50

60	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2007: Fuzzy control of the DC-DC converter used as power interface for a fuel cell, Nicu Bizon, Alin Mazare, Laurentiu Ionescu, Mihai Oproescu, Marian Raducu The 13th International ICIT Conference Progress in Cryogenics and Isotopes Separation. Proceedings, ISSN 1582-2575, p. 167-176, 2007 Teme: , 100% , 100%	4.00
61	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2008: Step down evolvable power regulator, Laurentiu Ionescu, Alin Mazare, Gheorghe Serban, Ionel Bostan University of Pitesti – Electronics and computers science, Scientific bulletin, No. 8, Vol.2, 2008, ISSN – 1453 – 1119, Pag 93-98, 2008 Teme: , 100% , 100%	5.00
62	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2009: Detecting errors in digital communication with CRC codes implemented with FPGA, C. Anton, L. Ionescu, I. Tutanescu, A. Mazare, G. Serban The 4th International Conference for Internet Technology and Secured Transactions, ICITST-2009, ISBN 0-9546628-2-2, November 9-12, 2009, London, UK, p.1-6 Teme: , 100% , 100%	4.00
63	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2010: Hardware Implementation of BCH ErrorCorrecting Codes on a FPGA, Laurentiu-Mihai Ionescu, Constantin Anton, Ion Tutanescu, Alin Mazare, Gheorghe Serban International Journal of Intelligent Computing Research (IJICR), Volume 1, Issue 3, ISSN 2042 4655, September 2010, Infonomics Society, p. 148-153 Teme: , 100% , 100%	4.00
64	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2010: Indoor Broadcasting System for Personalized TV Emissions Addressed to Tele-Assisted Persons, Ionita, Silviu; Mazare, Alin; Ionescu, Laurentiu; Angheliescu, Petre Telematic Applications, Volume # Part#, Digital Object Identifier (DOI), 10.3182/20101005-4-RO-2018.00063, Page Numbers:208-212, 2010 Teme: , 100% , 100%	5.00
65	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2010: On a FPGA implementation of BCH Codes, L. Ionescu, C. Anton, I. Tutanescu, A. Mazare, G. Serban The 5-th International Conference for Internet Technology and Secured Transactions (ICITST-2010), ISBN 978-1-4244-8862-9, INSPEC Accession Number: 11706545, November 8-11, 2010, London Teme: , 100% , 100%	4.00
66	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2011: Reed-Muller decoder with associative memories, Laurentiu Ionescu, Constantin Anton, Ion Tutanescu, Alin Mazare, Gheorghe Serban 6th International Conference on Internet Technology and Secured Transactions, pp. 274-277, ISBN 978-1-908320-00-1 IEEE, 11-24 december 2011, Abu Dhabi, United Arab Emirates, 2011 Teme: , 100% , 100%	4.00
67	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2012: Implementation and Analysis of an Error Detection and Correction System on FPGA, Constantin Anton, Laurentiu Mihai Ionescu, Ion Tutanescu, Alin Mazare, Gheorghe Serban International Journal of Intelligent Computing Research (IJICR), Volume 3, Issues 3/4, Sep/Dec 2012, ISSN 2042 4655 Teme: Sisteme integrate hardware și software (CTI - nefin), 100% Sisteme integrate hardware și software (CTI - nefin), 100%	4.00
68	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2012: Using Associative Memories in Coding Theory for Communication Channels, C. Anton, L. Ionescu, I. Tutanescu, A. Mazare, Gh. Serban, A. Oprea World Congress on Internet Security WorldCIS-2012, 10 - 12 June 2012, University of Guelph, Ontario, Canada, published in Conference Proceedings ISBN 978-1-908320-04-9, 2012 Teme: Sisteme integrate hardware și software (CTI - nefin), 100% Sisteme integrate hardware și software (CTI - nefin), 100%	3.33

69	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2012: Hybrid Error Detecting and Correcting System using Hardware Associative Memories, I. Tutănescu, C. Anton, L. Ionescu, G. Șerban, A. Mazăre NATO International Conference on Military Communications and Information Systems MCC'2012, 8 - 9 October 2012, Gdansk, Poland, ISBN 978-839201209-2 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%	4.00
70	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2012: Elliptic Curves Cryptosystems Approaches, I. Tutănescu, C. Anton, L. Ionescu, D. Caragață International Conference on Information Society i-Society 2012, 25 - 28 June, 2012, London, U.K., published in Conference Proceedings ISBN 978-1-908320-05-6, 2012 Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50%	5.00
71	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2012: On Assurance of Information Security using Elliptic Curves Cryptosystems, Ion Tutănescu, Constantin Anton, Laurențiu Ionescu, Daniel Caragață Journal of Internet Technology and Secured Transactions (JITST), Volume 1, Issues 1/2, March/June 2012 Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50%	5.00
72	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2013: Embedded System for 3-Axis Acceleration Measuring and Local Computing of Related Speeds and Positions, Ionescu, Laurentiu; Ionita, Silviu; Mazare, Alin 12th IFAC Conference on Programmable Devices and Embedded Systems (2013), Programmable Devices and Embedded Systems, VSB Technical University of Ostrava, Velké Karlovice, Czech Republic, Volume # 12 Part# 1, 155-160 ISBN: 978-3-902823-53-3, ISSN: 1474-6670, 2013 Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	6.66
73	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2013: Intelligent control of greenhouse environment, Alin Mazare, Laurentiu Ionescu, Dumitru Cazacu Advances in Automatic Control, Modelling & Simulation, 2013, pp. 391-394, ISBN: 978-1-61804-189-0, 2013 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%	6.67
74	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2013: Usage of Associative Memories based on Hopfield Networks in an Error Detection and Correction System, C. Anton, I. Tutănescu, L. Ionescu, G. Șerban, A. Mazăre ICIT 2013, Amman - Jordan, 8-10.05.2013, ICIT 2013 The 6th International Conference on Information Technology, 7 pages, May 8, 2013 Teme: Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 25% Sisteme integrate hardware si software (CTI - nefin), 75%	4.00
75	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2014: Application of Fuzzy Logic with Genetic Algorithms to FMEA Method, N Belu, L Ionescu Zeszytynaukowe Politechniki Poznańskie, Nr 62 Organizacja i Zarządzanie, 2014, pp. 5-19, 2014 Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50%	10.00

76	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2015: Computer Aided Design Solution Based on Genetic Algorithms for FMEA and Control Plan in Automotive Industry, N Belu, LM Ionescu, A Misztal World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:8, 2015, pp. 1281- 1286. ICATM 2015: 17th International Conference on Automotive Technology and Management, The Netherlands, Amsterdam, Aug 06-07 International Journal of Social, Behavioral, Educational, Economic and Management Engineering 08/2015; 2015 Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50%	6.67
77	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2016: Improvement of Manufacturing Process by Reducing of the Failures Ratio through Genetic Algorithm, N Belu, LM Ionescu, DC Anghel, N Rachieru Applied Mechanics and Materials, Vol. 834, Pp. 61-66, 2016 Teme: Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50% Tehnologii informaționale aplicate (CTI - nefin), 50% Ingineria sistemelor cu inteligenta artificiala (CTI - nefin), 50%	5.00
78	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2016: Led display command system using Zynq 7000 system on chip, L. M. Ionescu, A. Gh. Mazare, N. Belu University of Pitesti Scientific Bulletin, Series: Electronics and Computers Science, pg 33-36, 2016, ISSN: 2344-2158, 2344-2166. (BDI: Index Copernicus, Genamics, ICI Journals Master List) Teme: Sisteme integrate hardware si software (CTI - nefin), 100% Sisteme integrate hardware si software (CTI - nefin), 100%	6.67
79	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2017: Study of iterations in the design process of a product for automotive industry, Daniel-Constantin Anghel, Nadia Belu, Laurentiu-Mihai Ionescu, Nicoleta Rachieru MATEC Web Conf. Volume 112, 2017 21st Innovative Manufacturing Engineering & Energy International Conference – IManE&E 2017, Article Number 09011, Number of page(s) 6, Section: Industrial and Product Management, Quality and Evaluation DOI: https://doi.org/10.1051/matecconf/201711209011 Published online: 03 July 2017 Teme: Tehnologii informaționale aplicate (CTI - nefin), 100% Tehnologii informaționale aplicate (CTI - nefin), 100%	5.00
80	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2018, Octombrie: QPSK Transmission System for Machine to Machine Communication, Daniel Alexandru Visan, Ioan Lita, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), DOI: 10.1109/SIITME.2018.8599237, ISBN Information: Electronic ISBN: 978-1-5386-5577-1 Print on Demand(PoD) ISBN: 978-1-5386-5578-8 Teme: Tehnologii informaționale aplicate, 100% DOI: 10.1109/SIITME.2018.8599237 Nr autori: 4/4 BDI: Google Scholar	5.00
81	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2018, Octombrie: Comparison between deploying an IoT system designed to be used online and one designed to be used offline, Madalin Vasile Moise, Laurentiu Mihai Ionescu, Paul Mugur Svasta 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Date of Conference: 25-28 Oct. 2018, Electronic ISBN: 978-1-5386-5577-1, Print on Demand(PoD) ISBN: 978-1-5386-5578-8 Teme: Sisteme integrate hardware si software, 100% DOI: 10.1109/SIITME.2018.8599279 Nr autori: 1/3	6.67
82	2.2. Articole în reviste si volumele unor manifestări stiintifice indexate în alte baze de date internationale recunoscute (BDI)	2018, Octombrie: Automated Testing System for Cable Assemblies Used in Automotive Industry, Adrian Ioan Lita, Daniel Alexandru Visan, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Date of Conference: 25-28 Oct. 2018, Electronic ISBN: 978-1-5386-5577-1, Print on Demand(PoD) ISBN: 978-1-5386-5578-8 Teme: Sisteme integrate hardware si software, 100% DOI: 10.1109/SIITME.2018.8599232 Nr autori: 3/4	5.00

83	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2018, August: Using the decisions theory for establishing the site of a new manufacturing sector, N Rachieru, N Belu, LM Ionescu, DC Anghel IOP Conference Series: Materials Science and Engineering, Volume 400, 6 - Management of Industrial Processes, ModTech 2018 Teme: Tehnologii informaționale aplicate, 100% DOI: 10.1088/1757-899X/400/6/062025 Nr autori: 4/4	5.00
84	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2018, August: Kanban system based on manufacturing equipment operation monitoring, N Belu, LM Ionescu, AG Mazăre, N Rachieru IOP Conference Series: Materials Science and Engineering, Volume 400, 6 - Management of Industrial Processes, ModTech 2018 Teme: Tehnologii informaționale aplicate, 100% DOI: 10.1088/1757-899X/400/6/062005 Nr autori: 4/4	5.00
85	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2018, Octombrie: Intelligent command of an underground irrigation and fertilization system, Laurentiu Mihai Ionescu, Alin Gheorghita Mazare, Gheorghe Serban, Daniel Visan, Adrian Ioan Lita 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Date of Conference: 25-28 Oct. 2018, Electronic ISBN: 978-1-5386-5577-1, Print on Demand(PoD) ISBN: 978-1-5386-5578-8 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance (CERA-SG) (CTI - fin), 50% "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticoale cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 50% DOI: 10.1109/SIITME.2018.8599255 Nr autori: 5/5	4.00
86	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2018, Octombrie: Intelligent monitoring and planning system for herbicidal processes in agricultural crops, Alin Gheorghita Mazăre, Laurențiu Mihai Ionescu, Ioan Liță, Daniel Vișan, Nadia Belu, Mirela Gherghe 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Date of Conference: 25-28 Oct. 2018, Electronic ISBN: 978-1-5386-5577-1, Print on Demand(PoD) ISBN: 978-1-5386-5578-8 Teme: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance (CERA-SG) (CTI - fin), 50% "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticoale cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 50% DOI: 10.1109/SIITME.2018.8599213 Nr autori: 5/6	3.33
87	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	2018, Ianuarie: Implementation of Single-Loop Kanban System Using Indoor Location Based on RFID, N. Belu, E.L. Nițu, A.D. Rizea, C.A. Gavriluță, L.M. Ionescu, A. C. Gavriluță Proceedings of the IVth International Congress of Automotive and Transport Engineering, pp.311-318, ISSN 978-606-737-314-1 (AMMA 2018 Technical University of Cluj-Napoca, 17-19 October 2018) Teme: Tehnologii informaționale aplicate, 100% DOI: DOI Nr autori: 6/6 BDI: INDEX COPERNICUS	3.33
88	2.3.2. Naționale (OSIM)	2017: Sistem cu radio-relev translator programabil pentru telecomenzi în IR, Silviu Ionita, Alin Mazare, Laurentiu Ionescu, Petre Anghel Sistem cu radio-relev translator programabil pentru telecomenzi în IR, Silviu Ionita, Alin Mazare, Laurentiu Ionescu, Petre Anghel (System with programmable translating radio-rely for IR remote control), Brevet de inv.RO 126719B1/30.10.2017 BOPI 10/2017 Teme: Sisteme hardware și software pentru electronica (IETTI - nefin), 100% Sisteme hardware și software pentru electronica (IETTI - nefin), 100%	6.25

89	2.4.1.1. Internationale	2016: Cost-Efficient Data Collection for Smart Grid and Revenue Assurance (Optimizarea costurilor la colectarea datelor de la contoarele inteligente și metode de îmbunătățire a profitului la transportul energiei electrice), Ionescu Laurentiu-Mihai, Mazare Alin Gheorghita, Bizon Nicu, Serban Gheorghe, Lita Ioan, Belu Nadia, Oproescu Mihai, Birleanu Florin-Marian, Iordachescu Grigore-Adrian CERA-SG, Project Outline Application ID: 77594, Project plan – ERA-Net Smart Grids Plus (director), Total 2016 = 39.627.00 Euro (178.321,50 Lei) Teme: Tehnologii informaționale aplicate (CTI - fin), 100% Tehnologii informaționale aplicate (CTI - fin), 100% Valoare: 178321.50	60.00
90	2.4.1.2. Nationale	2004: Cronotahograf electronic digital pentru autovehicule de transport marfă și călători, Gh. Șerban (director), E. Sofron (membru), I. Popa (membru), A. Ene (membru), S. Ioniță (membru), I. Bostan (membru), G. Iana (membru), L. Ionescu (membru), P. Angheliescu (membru), V. Ionescu (membru), A. Mazăre (membru) Programul AMTRANS, Contract nr. 6810/15.10.2004, Nr. Înreg.: 3231/15.10.2004, Valoare 5 500 000 mii lei Responsabil faza Teme: , 100% , 100% Valoare: 5500000.00	10.00
91	2.4.1.2. Nationale	2018: PN-III-P1-1.2-PCCDI-2017-0332 "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticoale cu valoare adăugată ridicată" – BIOHORTINOV / , IONESCU LAURENTIU MIHAI, SOARE LILIANA CRISTINA, MAZARE ALIN GHEORGHITA, IONESCU LAURENTIU MIHAI, BIZON NICU, LITA IOAN, SERBAN GHEORGHE, OPROESCU MIHAI, ANGHELESCU PETRE, VISAN DANIEL ALEXANDRU, BELU NADIA, ANGHEL DANIEL CONSTANTIN, TOPALA CARMEN MIHAELA Cod: PN-III-P1-1.2-PCCDI-2017, beneficiar: UPIT, anul: 2018, domeniul științific: Bioeconomie, valoare: 1533000.00 Teme: "Creșterea capacității instituționale de cercetare bioeconomică pentru exploatarea inovatoare a resurselor vegetale autohtone, în vederea obținerii de produse horticoale cu valoare adăugată ridicată" – BIOHORTINOV, cod de înregistrare: PN-III-P1-1.2-PCCDI-, 100% Valoare: 1533000.00	20.00
92	2.4.2.2. Nationale	2004: Sisteme de masura accelerometrice avansate pentru investigari atmosferice cu sonde planetare, S. Ioniță (coordonator contract), E. Sofron (coordonator științific), Gh. Șerban (membru), I. Bostan (membru), G. Iana (membru), P. Angheliescu (membru), L. Ionescu (membru), V. Ionescu, A. Mazăre (membru) AEROSPATIAL, Contract de finantare Nr.41044/Oct. 2004 Teme: , 100% , 100%	4.00
93	2.4.2.2. Nationale	2005: Algoritmi inteligenti pentru controlul eficient al unui sistem inverter alimentat de la o pila de combustie, N. Bizon (director), A. Mazăre, M. Oproescu, L. Ionescu Grant CNCȘIS nr. 570 Teme: , 100% , 100%	2.00
94	2.4.2.2. Nationale	2005: Platforma Multimedia pentru Implementarea Teleserviciilor Medicale Complexe - TELMES, Silviu Ioniță (director), Emil Sofron (consultant științific), Gheorghe Șerban (consultant științific), Ilie Popa (specialist, consultant), Ionel Bostan (membru), Marian Răducu (membru), Valeriu Ionescu (membru), Alin Mazăre (membru), Petre Angheliescu (me Autoritatea Națională pentru Cercetare Științifică, Programul Cercetare de Excelență, Contract Nr. 1026/21.10.2005 Teme: , 100% , 100%	2.00
95	2.4.2.2. Nationale	2005: Principii de extindere și optimizare a performanțelor laserilor cu mediu activ solid, Gheorghe Șerban (director proiect), Ioniță Silviu (membru), Ionel Bostan (membru), Iana Gabriel (membru), Zafiu Adrian (membru), Ionescu Laurențiu (membru), Alin Mazăre (membru), Angheliescu Petre (membru) Contract nr. 05-D11-27, Nr. înreg. 1018/05-10-2005 Teme: , 100% , 100%	2.00
96	2.4.2.2. Nationale	2005: Servicii avansate de informare și ghidare pentru conducători auto și călători utilizând hărți digitale – SAIGHID, Gheorghe Șerban(director), Laurențiu Ionescu(membru), Gabriel Iana(membru), Alin Mazare(membru) CEEX 2005 Contract X2C25 Nr.6862 Teme: , 100% , 100%	2.00

97	2.4.2.2. Nationale	2007: Sistem, pe suport NGN, pentru teleasistenta, la domiciliu, a persoanelor in varsta, Silviu Ionita(responsabil stiintific partener), Petre Anghelescu (membru), Laurentiu Ionescu (membru), Valeriu Ionescu (membru), Alin Mazare (membru) TELEASIS, PNCDI-II, Programul parteneriate in domenii prioritare, Contract Nr.604-440/14.09.2007 , VALOARE 200 000 RON (membru) Teme: , 100% , 100%	2.00
98	2.4.2.2. Nationale	2008: Algoritmi pentru prelucrarea fuzzy – haotica a imaginilor de la un analizor multispectral utilizat in depistarea precoce a cancerului, Gheorghe Gavriloaia, Georghescu C., Iana G., Ionescu L., Mazare A., Raducu M., Serban Gh., Sofron E., Drila G. 12-096/2008, MECI/PN-2, 2 000 000, 2008-2011, SENTINEL, Tip: Buget, Coordonator, Beneficiar MEC, Suma alocata 2009 177 899 (membru) Teme: , 100% , 100% Valoare: 2000000.00	8.00
99	2.4.2.2. Nationale	2008: Ansamblu sistem radiant – impuls purtator pentru comunicatii de banda ultra-larga la bordul navelor maritime, Gheorghe Gavriloaia, Serban Gheorghe, Iana Gabriel, Ionescu Laurentiu, Mazare Alin, Andrei Mirela 12085/2008 PNII, Beneficiar: Centrul de cercetare Stiintifica pentru Fortele Navale, Constanta, 390 000, 2008-2010, Tip: Buget, Partener, Beneficiar MEC, Suma alocata 2009: 23 067 (membru) Teme: , 100% , 100% Valoare: 390000.00	6.00
100	2.4.2.2. Nationale	2009: Sistem de acces wireless hibrid cu adresare unica, Gheorghe Gavriloaia, Sofron Emil, Serban Gheorghe, Iana Gabriel, Ionescu Laurentiu, Mazare Alin, Gerogescu Cristian, Dinu Tamara 3932/2008, PNII, UPBuc 200 000, 2008-2011, Tip: Buget, Partener, Beneficiar MEC, Suma alocata 2009: 19 000 (membru) Teme: , 100% , 100% Valoare: 200000.00	8.00
101	2.4.2.2. Nationale	2009: Cresterea securitatii retelelor de comunicatii prin utilizarea tehnologiilor de identificare biometrica, Gheorghe Gavriloaia, Sofron Emil, Serban Gheorghe, Mazare Alin, Iana Gabriel, Ionescu Laurentiu, Georghescu Cristian 604/289-16.06.2008, PNII, Institutul National de Studii si Cercetari pentru Comunicatii, 118 000, perioada de derulare 2008-2009, Tip: Buget, Partener, Beneficiar MEC, Suma alocata pe 2009: 35 166 (membru) Teme: , 100% , 100% Valoare: 118000.00	4.00
102	3.1.1. Carti, ISI	2008: Design of a high speed pseudo-random bit sequence based time resolved single photon counter on FPGA, H Tian, S Fernando, HW Soon, Y Ha Field Programmable Logic and Applications, 2008. FPL 2008. International Conference on Anghelescu, Petre; Sofron, Emil; Ionita, Silviu; L. Ionescu, „FPGA implementations of cellular automata for pseudo-random number generation”, 2006 International Semiconductor Conference, Vols 1, 2, pp. 371-374, ISBN:1-4244-0109-7, 2006	2.00
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115	3.1.1. Carti, ISI	2014: Low Power Parallel Prefix Adder, P Kowsalya, M Malathi Applied Mechanics and Materials (Volume 573) Advancements in Automation and Control Technologies Book Series: Applied Mechanics and Materials Volume: 573 Pages: 194-200 V. Ionescu, I. Bostan, L. Ionescu "Systemic design for integrated digital circuit structures", CAS 2004 " 2004 International Semiconductor Conference" Sinaia, ISBN 0-7803-8499-7; IEEE Catalog Number 04TH8748	2.67
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117	3.1.1. Carti, ISI	2015: Non iterative LDPC decoding by syndrome generation using Artificial Neural Network, D Kumar, A Agrawal Recent Advances in Electronics & Computer Engineering (RAECE), 2015 National Conference on Anton, C., Ionescu, L., Tutănescu, I., Mazare, A., Serban, G., „Error detection and correction using LDPC in parallel Hopfield networks", 4th International Symposium on Electrical and Electronics Engineering (ISEEE), 2013, 11-13 Oct. 2013, INSPEC Accession Number:13936656 , 10.1109/ISEEE.2013.6674380	1.60
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