**UNIVERSITATEA din Piteşti**                                              **Anexa 5.b**
**Facultatea de Electronica, Comunicatii si Calculatoare**
*Departamentul de Electronica, Calculatoare si Inginerie Electrica*

# LISTA DE LUCRĂRI
## a cadrului didactic IONESCU VALERIU MANUEL

**A.   Teza de doctorat**

*ANALIZA ŞI SINTEZA SISTEMELOR IMPLEMENTABILE CU STRUCTURI LOGICE PROGRAMABILE,* Diploma de Doctor nr. 4887 din 25.07.2008 emisa de Universitatea din Pitesti, in baza ordinului Ministrului Educatiei, Cercetarii si Tineretului (data sustinerii tezei de doctorat: 08.05.2008), Calculatoare, tehnologia informaţiei, 2008

**B.   Cărţi şi capitole în cărţi publicate în perioada 1975 - 2021**
**B1. Cărţi şi capitole în cărţi de specialitate internaţionale ca autor (cu ISBN extern)**

1.   Dumitru Cazacu, Elena Otilia Virjoghe, Valeriu Manuel Ionescu, and Stefan Castravete, *Finite Element Solutions for Magnetic Shielding Power Applications .,* Chapter 27 of the book:Numerical Methods for Energy ApplicationsEditors: Mahdavi Tabatabaei, Naser, Bizon, Nicu (Eds.)Conform catalogului WorldCat - cartea se regaseste in cel putin 50 biblioteci din strainatatehttps://www.springer.com/gp/book/9783030621902ISSN 1612-1287 ISSN 1860-4676 (electronic)Power Systems ISBN 978-3-030-62190-2ISBN 978-3-030-62191-9 (eBook)https://doi.org/10.1007/978-3-030-62191-9Springer, pp.735- 769, 2021, (TC_10_2021_DECIE)

**B2. Cărţi şi capitole în cărţi de specialitate naţionale ca autor (cu ISBN intern)**

1.   Valeriu Manuel Ionescu, Ion Sima, Emil Sofron, *Aplicaţii software pentru protocoale de comunicaţie,* Ed. MatrixROM Bucuresti, 2008, ISBN 987-973-755-302-7, 2008

2.   Colectiv Grant „Si In Mediul Rural Educaţia Poate Fi Condusa Performant", Coordonator: Tiberiu Macarie, *Şi in mediul rural educaţia poate fi condusa performant (MEDURUR),* Editura Universităţii din Piteşti, ISBN 978-973-690-860-6, 100 pag., 2009

3.   Lita Ioan, et al, *Intrebări de verificare a cunostintelor pentru finalizarea studiilor,* 194 pg. , e-ISBN: 978-606-560-383-7, Ed. Universitatii din Pitesti, Pitesti, 2014, 2014, (TC_10_2014_DECIE)

4.   Valeriu Manuel IONESCU,  Grigore-Adrian IORDĂCHESCU, *Comunicatii, virtualizare si procesare multimedia,* Editura Universităţii din Piteşti, 2015, e-ISBN: 978-606-560-467-4, 150 pg., 2015, (TC_10_2015_DECIE)

5.   Valeriu Manuel Ionescu, *Reţele de calculatoare. Aplicaţii,* Ed. Universitatii din Pitesti, 2015, e-ISBN: 978-606-560-426-1  , 90 pg., 2015, (TC_10_2015_DECIE)

6.   Valeriu Manuel Ionescu, *Sisteme de operare,* EDITURA UNIVERSITATII DIN PITESTI, ISBN 978-606-560-567-1, 148PG, 2017, (TC_14_2017_DECIE)

**C.   Lucrări (articole) ISI / BDI publicate în perioada 1975 - 2021**
**C2. Articole în volume indexate ISI Proceedings**

1.   L. Ionescu, I. Bostan, V. Ionescu, *FPGA implementation of a boolean neural network,* CAS 2003 "2003 International Semiconductor Conference" vol.2, 26th edition September 28- October 2, 2003 sinaia, Romania pag 375-379, ISBN 0-7803-7821-0, Digital Object Identifier :  10.1109/SMICND.2003.1252457, Indexare IEEE, WOS:000189468100082, 2003

2.   I.Bostan, V.Ionescu, C. Moldovan, *FPGA implementation of a deterministic bit-stream neuron,* CAS 2003 "2003 International Semiconductor Conference" vol.2, 26th edition September 28- October 2, 2003 sinaia, Romania, pag. 371-374, IEEE Catalog Number:03TH8676, ISBN 0-7803-7821-0, Digital Object Identifier :  10.1109/SMICND.2003.1252456, Indexare IEEE, WOS:000189468100081, 2003

3.   Emil SOFRON, Gheorghe SERBAN, Ionel BOSTAN, Laurenţiu IONESCU,  Valeriu IONESCU, Alin MAZARE, *Neuron implementation using reconfigurable hardware,* Proceedings of the 9th International Conference on Optimization of electrical and electronic equipments, VOL III, BRASOV MAY 20-21,2004,

pg. 189-192, Ed. The Transilvania University of Brasov, ISBN 973-635-385-4; WOS:000255192200033, 2004

4.    V. Ionescu, I. Bostan, L. Ionescu, *Systemic design for integrated digital circuit structures,* Conference: 27th International Semiconductor Conference (CAS) Location: Sinaia, ROMANIA Date: OCT 04-06, 2004, Book Group Author(s): IEEE,  International Semiconductor Conference, Vols 1 and 2, Proceedings  Pages: 467-470   Published: 2004, 2004

5.    Valeriu IONESCU, Florin Smaranda, Emil Sofron, *Performance Impact Of Wireless Security in 802.11 Networks,* THE 4th INTERNATIONAL CONFERENCE RoEduNet ROMANIA, MAY 20 -22, 2005, ISBN 973-7794-26-5, Indexare ISI WoK, 2005

6.    Valeriu IONESCU, Florin SMARANDA, Emil SOFRON, *Contextual services for roaming wireless users,* Proceedings of the 5-th  RoEduNet IEEE International Conference, 1-3 June 2006, Sibiu, Romania, ISBN (10) 973-739-277-9,  ISBN (13) 978-973-739-277-0, pg. 113-118, 2006

7.    A. Zafiu, V. Ionescu, M. Dascalu, G. Stefan, *Concepts for Society Meta-Modelling,* Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 956, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2009, november 25-28, 2009

8.    V. Ionescu, I. Sima, E. Sofron, *Simple System for Testing Secure Voice Communication in Wireless Networks,* Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, ISBN 978-3-901509-70-4, ISSN 1726-9679, pp 299, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2009, november 25-28, 2009

9.    Zafiu, Adrian; Ionita, Angela; Ionescu, Valeriu, *REAL-TIME TRAFFIC INFORMATION MANAGEMENT MODEL,* Conference: 16th International conference on Information and Software Technologies (IT 2010) Location: Kaunas, LITHUANIA Date: APR 21-23, 2010, INFORMATION TECHNOLOGIES' 2010  Book Series: Information Technologies Conference Proceedings  Pages: 292-296 Published: 2010,  Edited by: Targamadze, A; Butleris, R; Butkiene, R, 2010

10.    Valeriu IONESCU , Ion SIMA ,Adrian Viorel DIACONU, Valentin STAN, *Security Communications Interoperability Protocol Implementation,* 9th International Conference on Communications COMM 2012, , Bucureşti, România, ISBN 978-1-4673-2573-8, 21÷23 June, 2012, pp. 327÷331. (IEEEXplore – D.O.I:10.1109/ICComm.2012.6262534, INSPEC A.N.:12932552, ISI Proc.: 74753), 2012, (TC_10_2012_DECIE, TC_10_2012_DECIE)

11.    Ionescu, V. ; Lita, I. ; Visan, D. ; Cioc, B., *Architecture for Adders in Digital Filters Operating in Mixed Power Modes,* The 36th International Spring Seminar on Electronics, Alba Iulia, on May 8th – 12th, 2013,pg 397 - 400, DOI :10.1109/ISSE.2013.6648280, Indexare IEEE Xplore, Google Scholar. WOS:000374113900076, 2013, (TC_10_2013_DECIE, TC_10_2013_DECIE)

12.    Valeriu Manuel Ionescu, Florin Smaranda, Adrian-Viorel  Diaconu, *Control System For Video Advertising Based On Raspberry Pi,* Proceedings 12th RoEduNet Conference: Networking in Education and Research, 26-28 september 2013, Constanta, IEEEXplore DOI :10.1109/RoEduNet.2013.6714204 ,  WOS:000349849400024, 2013, (TC_10_2013_DECIE, TC_10_2013_DECIE)

13.    Valeriu IONESCU, Florin SMARANDA, Ion SIMA, Adrian-Viorel DIACONU, *Current status of the wireless local area networks in Romania,* Proceedings of the RoEduNet International Conference 11th Edition, January 17-19, 2013, Sinaia, pg 166-169, ISSN-L 2068-1038, DOI : 10.1109/RoEduNet.2013.6511752, WOS:000320558100029, 2013, (TC_10_2013_DECIE, TC_10_2013_DECIE)

14.    Visan, D.A, Lita, I, Cioc, I.B, Ionescu, V.M., *Design of Digital Communication Module for Remote Measurement Systems,*  The 36th International Spring Seminar on Electronics, Alba Iulia, on May 8th – 12th, 2013, pg. 401 - 404 , DOI:10.1109/ISSE.2013.6648281, Indexare IEEE Xplore, Google Scholar,  WOS:000374113900077 , 2013, (TC_10_2013_DECIE, TC_10_2013_DECIE)

15.    I Lita, DA Visan, IB Cioc, RM Teodorescu, VM Ionescu, *Data acquisition system for collision tests in automotive industry,* Electronics Technology (ISSE), 2013 36th International Spring Seminar , WOS:000374113900075, 2013, (TC_10_2013_DECIE, TC_10_2013_DECIE)

16.    Adrian-Viorel Diaconu, Valeriu Ionescu, *Simple, XOR based, image edge detection,* ECAI 2013, 27-29 June 2013, Page(s):1 - 4, Print ISBN:978-1-4673-4935-2, IEEExplore DOI:10.1109/ECAI.2013.6636163, 2013, (TC_10_2013_DECIE)

17.    Valeriu Manuel IONESCU, Adrian-Viorel DIACONU, *Rubik's cube principle based image encryption algoritm implementation on mobile devices,* ECAI 2015, ISSN-1843-2115, IEEE Catalog

number: CFP1427U-PRT, pag. 13-19, Bucuresti, 23-25 Octombrie 2015, ISBN 978-1-4673-6647-2, 2015, (TC_10_2015_DECIE)

18.     Valeriu Manuel IONESCU, *Load balancing techniques used in cloud networking and their applicability in local networking,* ECAI 2015 No. 32014, ISSN-1843-2115, IEEE Catalog number: CFP1427U-PRT, pag. 13-19, Bucuresti, 23-25 Octombrie 2015, Indexare: ISI WoK , WOS:000370971100027, 2015, (TC_10_2015_DECIE, TC_10_2015_DECIE)

19.     Valeriu Manuel IONESCU, *The analysis of the performance of RabbitMQ and ActiveMQ,* 2015 14th RoEduNet International Conference - Networking in Education and Research (NER'2015), September 24- 26, 2015, Craiova, ISBN 978-1-4673-8179-6,  PG. 132-137, WOS:000378414300024, 2015, (TC_10_2015_DECIE, TC_10_2015_DECIE)

20.     Gabriel V. IANA, Valeriu Manuel IONESCU, *Virtualization of VoIP laboratories,* 2015 14th RoEduNet International Conference - Networking in Education and Research (NER'2015), September 24- 26, 2015, Craiova, ISBN 978-1-4673-8179-6, PG. 115-120, WOS:000374591200021, 2015, (TC_10_2015_DECIE, TC_10_2015_DECIE)

21.     Valeriu Manuel IONESCU, Adrian-Viorel DIACONU, *Testing the performance of the improved Rubik's cube encryption algorithm on virtual systems,* 2015 14th RoEduNet International Conference - Networking in Education and Research (NER'2015), September 24- 26, 2015, Craiova, ISBN 978-1-4673-8179-6,PG. 121-126                              WOS:000374591200022, 2015, (TC_10_2015_DECIE, TC_10_2015_DECIE)

22.     Valeriu Manuel IONESCU, Gabriel V. IANA, *Teaching virtualization laboratories in higher education,* 2015 14th RoEduNet International Conference - Networking in Education and Research (NER'2015), September 24- 26, 2015, Craiova, ISBN 978-1-4673-8179-6, PG 23-27                  WOS:000374591200004, 2015, (TC_10_2015_DECIE, TC_10_2015_DECIE)

23.     Adrian-Viorel Diaconu, Valeriu Manuel Ionescu, Jose Manuel Lopez-Guede, *Security Analysis of a New Bit-Level Permutation Image Encryption Algorithm,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 595-606, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

24.     Valeriu Manuel Ionescu, Jose Manuel Lopez-Guede, *Comparing Google Cloud and Microsoft Azure platforms for undergraduate laboratory use,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 795-802, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

25.     Valeriu Manuel Ionescu, Cosmin Stirbu, Florentina Magda Enescu, *Using the Phone's Light Sensor to Detect the TV Video Stream,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 785-794, 2016, (TC_9_2016_DECIE, TC_9_2016_DECIE)

26.     Valeriu Manuel Ionescu, Alexandru-Catalin Petrini, *Virtualization laboratory for Computer Networks at undergraduate level,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 776-784, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

27.     Alexandru-Catalin Petrini, Valeriu Manuel Ionescu, *Study of Huffman coding performance in Linux and Windows 10 IoT for different frameworks,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 766-775, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

28.     Jose Manuel Lopez-Guede, Erol Kurt, Necmi Altin, Manuel Gra&amp;ntilde;a, Valeriu Ionescu, *Erasmus Innovative European Studies,* Springer Series: Advances in Intelligent and Soft Computing,Chapter

of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 758-765, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

29.    Florentina-Magda Enescu, Cosmin Ştirbu, Valeriu Manuel Ionescu, *SCADA network system for the monitoring and control of an electrical installation supplied by a hydro-generator,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook)Pages 156-166, 2016, (TC_9_2016_DECIE, TC_9_2016_DECIE)

30.    Jose Manuel Lopez-Guede, Jose Antonio Ramos-Hernanz, Manuel Grana, Valeriu Manuel Ionescu, *ANN based model of PV modules,* Springer Series: Advances in Intelligent and Soft Computing,Chapter of book: International Joint Conference SOCO'16-CISIS'16-ICEUTE'16, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado.Springer: ISBN 978-3-319-47363-5, ISBN 978-3-319-47364-2 (ebook), pg. 147-155, 2016, (TC_9_2016_DECIE, TC_9_2016_DECIE)

31.    Adrian-Viorel DIACONU, Valeriu IONESCU, Vasile-Gabriel IANA, Jose Manuel LOPEZ-GUEDE, *A new bit-level permutation image encryption algorithm,* Proceedings COMM 2016, 9-11 June 2016, Bucharest, Romania, ISBN 978-1-4673-8196-3, pg. 427-438, Indexare: ISI WoK , WOS:000383221900085 , 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

32.    Iana Vasile Gabriel, Ionita Silviu, Ionescu Valeriu, *System for interpreting the characteristics of metal objects based on signal acquired from a magnetic loop antenna,* ECAI 2016, 30 June-02 July 2016, Ploiesti, Romania, ISBN 978-1-5090-2047-8, WAE-4, Indexare: ISI WoK, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

33.    Alexandru-Catalin Petrini, Valeriu-Manuel Ionescu, *Implementation of the Huffman Coding Algorithm in Windows 10 IoT Core,* ECAI 2016, 30 June-02 July 2016, Ploiesti, Romania, ISBN 978-1-5090-2047-8, pg. 1-6 (SW-9) , Indexare: ISI WoK WOS:000402541200039, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

34.    Dumitru Cazacu, Valeriu Ionescu, Silviu Ionita, Elena Virjoghe, *On The Multishell Cylindrical Magnetostatic Shields:Analytical And Numerical Approach,* ECAI 2016, 30 June-02 July 2016, Ploiesti, Romania, ISBN 978-1-5090-2047-8, MW-6, Indexare: ISI WoK WOS:000402541200028, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

35.    Valeriu Manuel Ionescu, *Exploiting the ambient light sensor to track user environment information,* 15th RoEduNet Conference: Networking in Education and Research, Bucharest, Romania, September 7 – 9, 2016, pg. 125-130 ISBN:978-1-5090-5398-8, 2016, (TC_10_2016_DECIE)

36.    Valeriu Manuel IONESCU, Dumitru CAZACU, *Analysis of COMSOL Multiphysics Parallel Performance on a multi-core system,* The International Conference on Applied and Theoretical Electricity (ICATE) 2016, Craiova, Romania, 6-8 Oct 2016, ISBN: 978-1-4673-8561-9, pg 1-4 (RS2.1) , Indexare: ISI WoK                            WOS:000390767500006, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

37.    Valeriu Manuel Ionescu, *Using cross platform development libraries. Telerik Mobile,* 15th RoEduNet Conference: Networking in Education and Research, Bucharest, Romania, September 7 – 9, 2016, ISSN 2068-1038, pg. 88-93, Indexare: ISI WoK                            WOS:000390713800016, 2016, (TC_10_2016_DECIE, TC_10_2016_DECIE)

38.    F. M. Enescu, V. M. Ionescu, C. N. Marinescu, C. Ştirbu, *System for monitoring and controlling renewable energy sources,* 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, 2017, pp. 1-6.doi: 10.1109/ECAI.2017.8166443, ISBN:978-1-5090-6458-8, 2017, (TC_14_2017_DECIE)

39.    V. M. Ionescu, D. Cazacu, F. M. Enescu, J. M. Lopez-Guede, *System using a hybrid application for virtual reality 3D drawing,* 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, 2017, pp. 1-6.doi: 10.1109/ECAI.2017.8166500WOS:000425865900116, 2017, (TC_14_2017_DECIE)

40.    V. M. Ionescu, *CPU and GPU gray scale image conversion on mobile platforms,* 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, 2017, pp. 1-6.doi: 10.1109/ECAI.2017.8166501WOS:000425865900117, 2017, (TC_14_2017_DECIE)

41.	Valeriu Manuel Ionescu, Dumitru Cazacu, *Performance improvement of the Comsol FEM analysis of 3D magnetostatic field problems on mobile computers,* International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 2017 2017/5/25, ISBN 978-1-5090-4489-4, Pg. 171-176, DOI: 10.1109/OPTIM.2017.7974966WOS:000426909600026, 2017, (TC_14_2017_DECIE)

42.	Andrei Cirstea, Florentina Magda Enescu, Nicu Bizon, Cosmin Stirbu and Valeriu Manuel Ionescu, *Blockchain Technology Applied in Health The Study of Blockchain Application in the Health System (II),* ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore, WOSISBN:978-1-5386-4901-5, ISSN: 2378-7147, 2018, (TC_10_2018_DECIE)

43.	Valeriu Manuel Ionescu and Florentina Magda Enescu, *The implementation of a software system for detecting a pattern in an ambient light sensor data stream,* ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore, ISBN:978-1-5386-4901-5, ISSN: 2378-7147, 2018, (TC_10_2018_DECIE)

44.	Valeriu Manuel Ionescu, Manan Patel and Drashti Hindocha, *ALTERNATIVES FOR RUNNING LINUX APPLICATIONS IN WINDOWS,* The 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, ISBN: 978-1-7281-1624-2, ISSN: 2378-7147, Pitesti, 27 June – 29 June 2019.978-1-7281-1624-2/19/$31.00 ©2019 IEEE, 2019, (TC_12_2019_DECIE)

45.	Florentina Magda Enescu, Nicu Bizon and Valeriu Manuel Ionescu, *Use of Blockchain Technology in Irrigation Systems of small farmers' association,* The 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, ISBN: 978-1-7281-1624-2, ISSN: 2378-7147, Pitesti, 27 June – 29 June 2019.978-1-7281-1624-2/19/$31.00 ©2019 IEEE , 2019, (TC_12_2019_DECIE)

46.	Valeriu Manuel Ionescu, Elena-Carmen Tentea, *ONLINE QUIZ IMPLEMENTATION USING BLOCKCHAIN TECHNOLOGY FOR RESULT TEMPERING PREVENTION,* The 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, ISBN: 978-1-7281-1624-2, ISSN: 2378-7147, Pitesti, 27 June – 29 June 2019.978-1-7281-1624-2/19/$31.00 ©2019 IEEE, 2019, (TC_12_2019_DECIE)

47.	Valeriu Manuel Ionescu, Florentina Magda Enescu, *LOW COST THERMAL SENSOR ARRAY FOR WIDE AREA MONITORING,* ECAI 2020, INTERNATIONAL CONFERENCE, 12th Edition, Electronics, Computers and Artificial Intelligence, 25 June-27 June 2020, Bucharest, ROMANIA , 2020, (TC_11_2020_DECIE)

48.	Valeriu Manuel Ionescu, Florentina Magda Enescu, *WEB APPLICATION FOR TIMELINE REPRESENTATION OF COVID-19 DATA IN ROMANIA,* ECAI 2020, INTERNATIONAL CONFERENCE, 12th Edition, Electronics, Computers and Artificial Intelligence, 25 June-27 June 2020, Bucharest, ROMANIADOI: 10.1109/ECAI50035.2020.9223251, 2020, (TC_11_2020_DECIE)

49.	Florentina Magda Enescu, Valeriu Manuel Ionescu, *USING BLOCKCHAIN IN THE AGRI-FOOD SECTOR FOLLOWING SARS-COV-2 PANDEMIC,* ECAI 2020, INTERNATIONAL CONFERENCE, 12th Edition, Electronics, Computers and Artificial Intelligence, 25 June-27 June 2020, Bucharest, ROMANIA , 2020, (TC_11_2020_DECIE)

**C3. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale**

1.	Ionescu Valeriu, Zafiu Adrian, *Rapid Prosthesis Design Based on Movement Decomposition,* . "Rapid Prosthesis Design Based on Movement Decomposition", 1.02.2010, IAENG International Journal of Computer Science, 37:1, IJCS_37_1_11,http://www.iaeng.org/IJCS/issues_v37/issue_1/IJCS_37_1_11.pdf, Indexare: Scopus, EI Compendex (http://www.iaeng.org/IJCS/doc/EI_COMPENDEX_%20SOURCE_LIST_2012.xls), 2010

2.	Valeriu IONESCU, Adrian ZAFIU, *Implementation of an ARP spoofing attack using the NDIS driver,* Universitity of Pitesti Scientific Bulletin, Series: Electronics and computers science Vol. 2 / 2010, pg. 51-56, ISSN: 1453-1119, Index Copernicus, 2010

3.	Adrian Zafiu, Angela Ionita, Valeriu Manuel Ionescu, *A model for real time traffic information update / Model pentru managementul informatiilor de trafic în timp real,* Revista CALITATEA acces la success, ISSN: 1582-2559Calitatea acces la succes, (Revista Calitatea acces la succes , Bucureşti, 2010, (BDI SCOPUS), 2010https://www.scopus.com/authid/detail.uri?authorId=35192445200, 2010

4.    Valeriu IONESCU, *Designing a client side data scrapper,* Universtity of Pitesti Scientific Bulletin, Series: Electronics and computers science Vol. 1 / 2011, pg. 21-24, ISSN: 1453-1119, Indexare Index Copernicus, 2011

5.    V. M. Ionescu, L. Ioan, D. Visan, B. Cioc, *Optimizing parallel prefix adders for use in digital filters,* Universitity of Pitesti Scientific Bulletin, Series: Electronics and computers science Vol. 2 / 2012, pg. 37-40, ISSN: 1453-1119, Indexare Index Copernicus, 2012, (TC_10_2012_DECIE, TC_10_2012_DECIE)

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*Semnătura*