

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDDELOR MINIMALE PENTRU ABILITARE

conform Ordinului 6129/2016,

Avizat CSUD,
Director CSUD,
Ahu

Candidat Conferențiar universitar dr. Popa Marius Emanuel

Nr. Articol	Articol, referința bibliografică	M	N	AIS	Punctaj Final
1	Cristian TOMA, Marius POPA, Bogdan IANCU, Mihai DOINEA, Andreea PASCU, Filip Ioan DUTESCU, <i>Edge Machine Learning for the Automated Decision and Visual Computing of the Robots, IoT Embedded Devices or UAV-Drones</i> , Electronics, vol. 11, nr. 21, pg. 3507, 2022, WOS 000883410100001, e-ISSN 2079-9292, DOI https://doi.org/ 10.3390/electronics11213507	8	6	0,350	1,40
2	Cristian TOMA, Marius POPA, Catalin BOJA, Cristian CIUREA, Mihai DOINEA, <i>Secure and Anonymous Voting D-App with IoT Embedded Device Using Blockchain Technology</i> , Electronics, vol. 11, nr. 12, pg. 1895, 2022, WOS 000818504700001, e-ISSN 2079-9292, DOI https://doi.org/ 10.3390/electronics11121895	8	5	0,350	1,68
3	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, nr. 15, pg. 3401, 2019, WOS 000483198900156, e-ISSN 1424-8220, DOI https://doi.org/ 10.3390/s19153401	6	4	0,586	2,46
4	Ion IVAN, Daniel MILODIN, Marius POPA, <i>Orthogonality Metrics of the Structured Entities</i> , Proceedings of the Romanian Academy, Series A: Mathematics, Physics, Technical Sciences, Information Science, vol. 11, nr. 3, pg. 269-276, 2010, WOS 000208624600011, ISSN 1454-9069	6	3	0,140	0,67
5	Alin ZAMFIROIU, Bogdan IANCU, Cătălin BOJA, Tiberiu GEORGESCU, Cosmin CARTAS, Marius POPA, Cristian TOMA, <i>IoT Communication Security Issues for Companies: Challenges, Protocols and The Web of Data</i> , Proceedings of the International Conference on Business Excellence, Vol. 14, Issue 1, 2020, pp. 1109-1120, WOS 000556549000104, EISSN 2558-9652, https://doi.org/10.2478/picbe-2020-0104	0,1	7		0,01

6	Cătălin BOJA, Mădălina ZURINI, Marius POPA, Cristian TOMA, <i>Code Quality Metrics Evaluation Platform in Software Engineering Education</i> , Proceedings of the 16th International Conference on Informatics in Economy (IE 2017), 2017, ASE Publishing House, Bucharest, pp. 283 – 290, WOS 000418463600046, ISSN 2284-7472, ISSN-L 2247-1480	0,1	4		0,02
7	Marius POPA, Cosmin CARTAS, <i>OBD2 IoT Device Proof of Concept for the Insurance Companies Connected Cars</i> , Proceedings of the 15th International Conference on Informatics in Economy (IE 2016) – Section 2: Mobile-Embedded and Multimedia Solutions, 2016, ASE Publishing House, Bucharest, pp. 103 – 107, WOS 000386192300017, ISSN 2284-7472, ISSN-L 2247-1480	0,1	2		0,05
8	Cristian TOMA, Marius POPA, <i>EMV/Bitcoin Payment Transactions and Dynamic Data Authentication With Smart Java Cards</i> , Proceedings of the 14th International Conference on Informatics in Economy (IE 2015) – Section 3: Mobile-Embedded and Multimedia Solutions, 2015, ASE Publishing House, Bucharest, pp. 141 – 151, WOS 000362796900024, ISSN 2284-7472, ISSN-L 2247-1480	0,1	2		0,05
9	Marius POPA, <i>Security Characteristics of the Program Coding</i> , Conference Proceedings – The 11th International Conference on Informatics in Economy – Section: Audit and Project Management, 2012, ASE Publishing House, Bucharest, pp. 211 – 215, WOS 000313136800040, ISSN 2284-7472, ISSN-L 2247-1480	0,1	1		0,10
	TOTAL Punctaj Pi				6,44

Nr. Crt	Articolul citat	Revista si articolul in care a fost citat	Cuar tila	Categorie de încadrare	AIS	Punctaj
1	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156,	Makoto M. KELP, Samuel LIN, J. Nathan KUTZ, Loretta J. MICKLEY, <i>A new approach for determining optimal placement of PM2.5 air quality sensors: case study for the contiguous United States</i> , „Environmental Research Letters”,	1	Environmental Sciences	2,327	1,00

	eISSN 1424-8220	Volume 17, Issue 3, Article Number 34034, March 1, 2022, ISI WOS 000762058800001, ISSN 1748-9326				
2	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156, eISSN 1424-8220	Yohanes Yohanie Fridelin PANDUMAN, Nobuo FUNABIKI, Pradini PUSPITANINGAYU, Minoru KURIBAYASHI, Sritrusta SUKARIDHOTO, Wen- Chung KAO, <i>Design and Implementation of SEMAR IoT Server Platform with Applications</i> , „Sensors”, Volume 22, Issue 17, Article Number 6436, September 2022, ISI WOS 000851763000001, eISSN 1424-8220	2	Engineering, Electrical & Electronic	0,586	0,75
3	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156, eISSN 1424-8220	Sachit MAHAJAN, <i>Design and development of an open-source framework for citizen- centric environmental monitoring and data analysis</i> , „Scientific Reports”, Volume 12, Issue 1, Article Number 14416, August 24, 2022, ISI WOS 000845011100049, ISSN 2045-2322	2	Multidisciplinary Sciences	1,208	0,75
4	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI	Jinling YAN, Junfeng ZHAO, Xiaodong YANG, Xufeng SU, Hailing WANG, Qiying RAN, Jianliang SHEN, <i>Does Low-Carbon City Pilot Policy Alleviate Urban Haze Pollution? Empirical Evidence from a Quasi-Natural Experiment in China</i> ,	2	Public, Environmental & Occupational Health	0,866	0,75

	WOS 000483198900156, eISSN 1424-8220	„International Journal of Environmental Research and Public Health”, Volume 18, Issue 21, Article Number 11287, November 2021, ISI WOS 000723286000001, eISSN 1660-4601				
5	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156, eISSN 1424-8220	Ahmed Samy MOURSI, Nawal EL- FISHAWY, Soufiene DJAHEL, Marwa Ahmed SHOUMAN, <i>An IoT enabled system for enhanced air quality monitoring and prediction on the edge</i> , „Complex & Intelligent Systems”, Volume 7, Issue 6, December 2021, Page(s) 2923 – 2947, ISI WOS 000679333400002, ISSN 2199-4536, eISSN 2198-6053	2	Computer Science, Artificial Intelligence	0,993	0,75
6	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156, eISSN 1424-8220	Sami KABIR, Raihan ISLAM, Mohammad HOSSAIN, Karl ANDERSSON, <i>An Integrated Approach of Belief Rule Base and Deep Learning to Predict Air Pollution</i> , Sensors, vol. 20, Issue 7, 2020, Page(s) 1956, ISI WOS 000537110500152, eISSN 1424-8220	2	Engineering, Electrical & Electronic	0,586	0,75
7	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges</i> , Sensors, vol. 19, Issue. 15, 2019, Page(s) 3401, ISI	Daniel FLOR, Danilo PENA, Luan PENNA, Vicente DE SOUSA, Allan MARTINS, <i>Characterization of Noise Level Inside a Vehicle under Different Conditions</i> , Sensors, vol. 20, Issue 9, 2020, Page(s) 2471, ISI WOS	2	Engineering, Electrical & Electronic	0,586	0,75

	WOS 000483198900156, eISSN 1424-8220	000771527900001, eISSN 1424-8220				
8	Cristian TOMA, Andrei ALEXANDRU, Marius POPA, Alin ZAMFIROIU, <i>IoT Solution for Smart Cities Pollution Monitoring and the Security Challenges, Sensors</i> , vol. 19, Issue. 15, 2019, Page(s) 3401, ISI WOS 000483198900156, eISSN 1424-8220	Xiaokai ZHANG, Bangning ZHANG, Kang AN, Zhuyun CHEN, Daoxing GUO, <i>Auction-Based Secondary Relay Selection on Overlay Spectrum Sharing in Hybrid Satellite- Terrestrial Sensor Network</i> , Sensors, vol. 19, Issue 22, 2019, Page(s) 5039, ISI WOS 000503381500217, eISSN 1424-8220	2	Engineering, Electrical & Electronic	0,586	0,75
9	Alin ZAMFIROIU, Bogdan IANCU, Cătălin BOJA, Tiberiu GEORGESCU, Cosmin CARTAS, Marius POPA, Cristian TOMA, <i>IoT Communication Security Issues for Companies: Challenges, Protocols and The Web of Data, Proceedings of the International Conference on Business Excellence</i> , vol. 14, no. 1, 2020, pp. 1109–1120, ISI WOS 000556549000104, eISSN 2558-9652	Mercedes RODRIGUEZ-GARCIA, Antonio BALDERAS, Juan MANUEL DODERO, <i>Privacy Preservation and Analytical Utility of E- Learning Data Mashups in the Web of Data</i> , „Applied Sciences”, Volume 11, Issue 18, Article Number 8506, September 2021, ISI WOS 000699091600001, eISSN 2076-3417	3	Engineering, Multidisciplinary	0,409	0,50
10	Mihai DOINEA, Cătălin BOJA, Lorena BATAGAN, Cristian TOMA, Marius POPA, <i>Internet of Things Based Systems for Food Safety Management</i> , „Informatica Economică”, Volume 19, Issue 1, 2015, Page(s) 87 – 97, ISSN 1453-1305, EISSN	Thibaud MONTBEL, Huihui CHI, Wei ZHOU, Selwyn PIRAMUTHU, <i>Internet of Things (IOT) in High-Risk Environment, Health and Safety (EHS) Industries: A Comprehensive Review</i> , Decision Support Systems, Volume 108, April	1	Computer Science, Information Systems	1,413	1,00

	1842-8088	2018, Page(s) 79 – 95, ISI WOS 000433014800008, ISSN 0167-9236				
	TOTAL Punctaj C					7,75

Director de proiect/membru la granturile de cercetare:

Nr crt	Proiecte de cercetare castigate prin competitii nationale sau internationale, cu exceptia celor finantate prin programe operationale (POS DRU, POS CEE sau similare)	Director / membru
1	Implementarea metodelor cantitative în auditul sistemelor informatice distribuite, programul Dezvoltare și Inovare PN II, contract CNCISIS IDEI nr. 923/2009, cod 1838	Director
2	Fabricația virtuală inteligentă a proceselor cu grad ridicat de risc din industria constructoare de mașini în vederea reducerii vulnerabilității și combaterea consecințelor accidentelor industriale, programul Cercetare de Excelență	Director
3	Fintech Horizon 2020 Project, Horizon 2020 research and innovation program under grant agreement No 825215, www.fintech-ho2020.eu	Membru
4	Pn1. PN-III-P1-1.2-PCCDI-2017-0272 ATLAS “Hub inovativ pentru tehnologii avansate de securitate cibernetică/Innovative Hub for Advanced Cyber Security Technologies”, UEFISCDI PN III—“Dezvoltarea sistemului national de cercetare-dezvoltare”, PN-III-P1-1.2-PCCDI-2017-1, director proiect: Ion BICA – Academia Tehnica Militara si director proiect partener ASE: Catalin BOJA	Membru
5	Metodologii pentru managementul proiectelor de realizare a aplicațiilor mobile destinate sistemului educațional, programul Dezvoltare și Inovare PN II, contract CNCISIS IDEI nr. 920/2009, cod 2637	Membru
6	Tehnici de clasificare și recunoaștere cu aplicații în identificarea similarității documentelor, contract CNCISIS	Membru
7	Sisteme informaționale colaborative în economia globală, CNCISIS COD nr. 8, TEMA 1	Membru
8	Sistem de evaluare a calității serviciilor generate de aplicații mobile în domeniul afacerilor electronice, contract CEEX, program MATNANTECH	Membru
9	Sistem de indicatori pentru evaluarea managementului proiectelor IT, contract CEEX	Membru
10	Dezvoltarea și testarea unui sistem automat de analiză a riscului, diagnoză și decizie pentru asistarea actului medical – proiect pilot, contract CEEX, program INFOSOC	Membru
11	Sistem de evaluare a calității serviciilor publice on-line pentru cetățeni și mediul de afaceri, contract CEEX, program AMCSIT	Membru
12	Sistem de evaluare a entităților bazate pe text, Contractul nr. 148/29.09.2004, INFOSOC 2	Membru
13	Modele de estimare a costurilor aplicațiilor de e-business, tema 687 CNCISIS nr. contract 33480/2003.	Membru
14	Proiectarea și implementarea întreprinderii virtuale de confecții VIRTCONF, contractul nr. 501/7.06.2000 din programul ORIZONT 2000.	Membru
15	Platforma pentru estimarea costului testării prototipurilor software orientat obiect, Contract 7306/2000, Beneficiar CNCISIS.	Membru

Situația îndeplinirii criteriilor

Criterii minime Abilitare	Punctaj obținut
$S \geq 4$	14,19
$P \geq 2$	6,44
$C \geq 1.2$	7,75

20.04.2023

