



AVIZ INDEPLINIRE STANDARDE MINIMALE

In urma analizei dosarului de concurs depus de candidatul GOTA DAN IOAN
pentru postul **Conferentiar pozitia 24** din Statul de functii al Departamentului de AUTOMATICA.

Comisia de verificare apreciaza ca **SUNT** indeplinite standardele minime pentru participarea la
concurs.

Motivatie (*doar in cazul in care nu sunt indeplinite standardele minime*)

Comisia de verificare

Sumar

Conditii minimele						
Nr.	Domeniu de activitate (A)	Conferentiar	CSII	Profesor	CSI	Realizat
A1	Activitatea didactica / profesionala (A1)	50	Fără restricții	100	Fără restricții	92.50
A2	Activitatea de cercetare (A2)	300	350	600	700	483.89
A3	Recunoasterea impactului activitatii (A3)	50	50	150	150	351.42
Total (A)		400	400	850	850	927.80
Conditii minimele obligatorii pe subcategorii						
		Conferentiar	CSII	Profesor	CSI	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	1	1	1	1	4.00
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	6 din care minimum 1 in reviste cotate ISI Q1 sau Q2[10]	6 din care minimum 1 in reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 in reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 in reviste cotate ISI Q1 sau Q2[10]	35.00
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil) sau contracte cu agentii economici in valoare de minim 10.000 de USD sau echivalent incasati	1	2	2	4	1.00
A3.1.1	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI [11]	10	10	25	25	82.00
	Factor de impact ISI cumulat pentru publicatii [12]	4	4	10	10	29.53
	Nr Minim Reviste ISI in zona Q1/Q2	1	1	3	3	4.00

A1. Activitatea didactică și profesională

A.1.1.2 - Cărți de autor sau capitole de specialitate la edituri cu ISBN - naționale (50/nr. de autori)

1	Gota Dan Ioan	"Proiectarea Asistata de Calculator a Sistemelor Independente de Producere a Energiilor Regenerabile", 141 pag., ISBN: 978-973-53-2893-1	Editura Risoprint Cluj Napoca	2022	50.00
2	Gota Dan, Farca Alexandra, Pop Adela, Valean Honoriu	Concepte OOP in C++, ISBN: 978-606-737-390-9	UTPress	2022	12.5
3	Dan GOTA, Alexandra FANCA, Adela POP, Honoriu VALEAN, Valentin TODESCU	Konzepte OOP in C++, ISBN: 978-973-53-2981-5	Editura Risoprint Cluj Napoca	2023	10.00
4	Gota Dan, Farca Alexandra, Pop Adela, Stan Ovidiu, Valean Honoriu	Programarea orientata pe obiecte in limbajul C# ISBN: 978-973-53-2915-0	Editura Risoprint Cluj Napoca	2022	10.00
7	Iulia Stefan, Dan GOTA, Liviu Micla, Honoriu VALEAN, Szilard Enyedi	Tehnici de testare a programelor, ISBN: 978-973-53-3002-6	Editura Risoprint Cluj Napoca	2023	10.00

A2. Activitatea de cercetare

A2.1 – Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI

A2.1. Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings

Nr.	Autori	Titlu articol	Factor Impact	Nr. Aut	Punctaj	
Jurnale ISI Q1/Q2						
1	Dan Gota; Henrik Lund, Liviu Miclea	Romanian energy system model and a nuclear reduction strategy. Energy Journal, ISSN: 0360-5442, Volume 36, Issue 11, November 2011	8.857	3	96.90	Q1
2	Diana Crisan, Alexandru Irimia, Dan Gota; Liviu Miclea; Adela Puscasu; Ovidiu Stan; Honoriu Valean	Analyzing Benford's Law's powerful applications in "image to-rencsics", Applied Sciences 2021, has been accepted in Appl. Sci. (ISSN 2076-3417) on 28 November 2021	2.838	7	15.73	Q2
3	Stan, D.P.; Enyed, S.; Corches, C., Flonta, S.; Stefan, I.; Gota, D.; Miclea, L.	Method to Increase Dependability in a Cloud-Fog-Edge Environment.", Sensors 2021, 21, 4714	3.847	7	20.06	Q2
4	Ionut Catalin Donca, Ovidiu Petru Stan, Marius Misaros, Dan Gota, Liviu Miclea	, "Method for Continuous Integration and Deployment: Using a Pipeline Generator for Agile Software Projects". Data publicării: 2022/6/20, Jurnal: Sensors, Volumul:22, Numărul: 12, Pagini: 4637, Editor MDPI	3.847	5	28.08	Q2
Jurnale ISI						
5	Vigu, C, Dan Gota, Capatana, D.	, Improving the wind speed estimation algorithms using results obtained in the field, CONTROL ENGINEERING AND APPLIED INFORMATICS Volume: 12 Issue: 3 Pages: 13-17 Published: Sept. 2010 (ISI, ISI, IF: 0.695 – 0.775, Q4 AUTOMATION & CONTROL SYSTEMS)	1.299	3	21.32	
6	Fanca, Alexandra & Cujerean, Monica & Adela, Puscasu & Gota, Dan-Ioan & Valean, Honoriu.	System for Monitoring People with Disabilities in the Event of an Accident using Mobile Terminals. International Journal of Advanced Computer Science and Applications.2019, 10. 10.14569/IJACSA.2019.0101210.	1.092	5	11.55	

Articole conferinta ISI

7	Dan Gota, Claudiu Domuta, Liviu Miclea,	Design and control of smart hybrid renewable energy systems using modified genetic algorithms and direct design control, Asia-Pacific Power and Energy Engineering Conference – APPEEC 2012, Shanghai, China, March 27-29, 2012, IEEE Xplore DOI: 10.1109/APPEEC.2012.6306937	0.25	3	10.83
8	Alexandra Fanca, Adela Puscasiu, Paul Calin Detesan, Dan Ioan Gota, Honoriu Valean, Liviu Miclea,	„Monitoring System For Quarantined Persons”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania	0.25	6	5.42
9	Adela Puscasiu, Alexandra Fanca, Dan-Ioan Gota, Claudiu Domuta, Honoriu Valean, Ovidiu Stan, Liviu Miclea,	„Data transmission and remote control of Android mobile devices”, International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), 7-8 October 2021, Mauritius	0.25	7	4.64
10	Dan Ioan Gota, Adela Puscasiu, Alexandra Fanca, Dumitru Bogdan Neag, Mihai Hulea, Liviu Miclea, Honoriu Valean,	„Monitoring system for Android devices sensor performance”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania	0.25	7	4.64
11	Alexandru Ciobotaru, Dan Ioan Gota, Adela Puscasiu, Ovidiu Stan, Alexandra Fanca, Claudiu Domuta, Honoriu Valean, Liviu Miclea,	“: Deep Neural Networks and Computer Vision for Real-Time Facial Landmark Detection”, International Conference on Electrical, Computer and Energy Technologies, 2021 December Capet Town	0.25	8	4.06
12	C. Vigu; L. Budai; Dan Gota; M. Abrudean,	Hydropower production schedule optimization using genetic algorithms, Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, Year: 2012, Pages: 240 – 243, DOI: 10.1109/AQTR.2012.6237710	0.25	3	10.83
13	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-Ioan & Valean, Honoriu	. (2019). Methods to minimize false detection in accidental fall warning systems. 851-855. 10.1109/ICSTCC.2019.8885996	0.25	4	8.13
14	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Valean, Honoriu	Dynamic Routing of Traffic Based on Greenhouse Gases Measurements. 549-553, 2019. 10.1109/ICSTCC.2019.8886113	0.25	4	8.13
15	Gota, Dan-Ioan & Fanca, Alexandra & Adela, Puscasiu & Valean, Honoriu & Miclea, Liviu.	Driving Evaluation Based on Acceleration, Speed and Road Signs. 554-559. 10.1109/ICSTCC.2019.8885678.	0.25	5	6.50
16	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Valean, Honoriu.	Cooperative traffic control based on greenhouse gases footprint minimization. 1-6., 201910.1109/CarpathianCC.2019.8766020.	0.25	4	8.13
17	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Folea, Silviu & Valean, Honoriu.	A Survey on Distributed Greenhouse Gases Monitoring Systems. International Journal of Advanced Computer Science and Applications. 2019, 10.10.14569/IJACSA.2019.0101141.	0.25	5	6.50

18	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-loan & Valean, Honoriu.	(2018). Evaluating Data Accuracy of Built-In Smartphone Sensors for Mobile Applications. 1-4. 10.1109/TELFOR.2018.8611941	0.25	4	8.13
19	Adela Puscasiu, Alexandra Fanca, Honoriu Valean, Dan-loan Gota, Ovidiu Stan, Nicolae Roman, Iulia Clitan, and Vlad Muresan	, "Indoor Air Quality Monitoring System for Healthcare Facilities", Meditech Cluj 2020, 7th International Conference on Advancements of Medicine and Health Care through Technology, 13 – 15 October 2020	0.25	8	4.06
20	A. Puscasiu, A. Fanca, D. Gota and H. Valean,	"Data mining for identifying trends in markets," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9130020.	0.25	4	8.13
21	A. Puscasiu, A. Fanca, D. Gota and H. Valean,	"Automated image captioning," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129930	0.25	4	8.13
22	D. Gota, A. Puscasiu, A. Fanca, H. Valean and L. Miclea,	"Human-Computer Interaction using hand gestures," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-5, doi: 10.1109/AQTR49680.2020.9130016	0.25	5	6.50
23	D. Gota, A. Puscasiu, A. Fanca, L. Miclea and H. Valean,	"Smart home automation system using Arduino microcontrollers," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-7, doi: 10.1109/AQTR49680.2020.9129989	0.25	5	6.50
24	L. Gota, D. Gota and L. Miclea,	"Continuous Integration in Automation Testing," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129990	0.25	3	10.83
25	Dan-loan Gota, Adela Puscasiu, Alexandra Fanca, Honoriu Valean and Liviu Miclea,	"Threat Objects Detection in Airport using Machine Learning" 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020	0.25	5	6.50
26	Alexandra Fanca, Adela Puscasiu, Dan-loan Gota and Honoriu Valean,	"Recommendation Systems with Machine Learning", 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020	0.25	4	8.13

27	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota, Flavius Mădălin Giurgiu, Maria Magdalena Santa, Honoriu Valean, Claudiu Domuta, Liviu Miclea,	"Romanian Coins Recognition and Sum Counting System From Image Using TensorFlow and Keras", 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	0.25	8	4.06
28	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota, Honoriu Valean,	" Daily activities monitoring system using the mobile terminal", 2022 23rd International Carpathian Control Conference (ICCC)	0.25	4	8.13
29	Dan Gota, Christian Siman, Alexandra Fanca, Adela Pop Puscasiu, Ovidiu Stan, Honoriu Valean, Liviu Miclea,	"Hand gesture recognition and Infrared Information system" 2022 23rd International Carpathian Control Conference (ICCC)	0.25	7	4.64
30	Fanca, Alexandra; POP (Puscasiu), Adela; Gota, Dan; Valean, Honoriu; Miclea, Liviu	"Distributed System for Monitoring Environmental Conditions Using IoT", ICECET 2022 Praga	0.25	5	6.50
31	C. Vigu; Dan Gota; D. Capatana,	Improving estimation algorithms based on field data for a hybrid energy system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520762.	0.25	3	10.83
32	Dan Gota; C. Vigu; O. Capatana,	A power consumption optimization method for a hybrid renewable energy making system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520773.	0.25	3	10.83
33	Gicu Ungureanu; Maria Mircea; Cristian Vigu; Dan Gota,	Automated controlling system for protection of hydroelectrical power station with butterfly valves on power channel, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 - 5 DOI: 10.1109/AQTR.2010.5520773.	0.25	4	8.13
34	Dan Gota; D. Petreus; L. Miclea,	"Wind farms modeling files transformation", 2010 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics - AQTR, Cluj-Napoca, Romania, May 28-30 2010, Tome III, pp. 249-254, IEEE Xplore DOI: 10.1109/AQTR.2010.5520739	0.25	3	10.83

35	Ciobotaru, Alexandru; Gota, Dan; Puscasiu, Adela; Stan, Ovidiu P; Fanca, Alexandra; Domuta, Claudiu; Valean, Honoriu; Miclea, Liviu	"Demographic Attributes Classification via Convolutional Neural Networks: A Proposed Solution", ICECET 2022 Praga	0.25	8	4.06
		Factor impact cumulat	29.03		
		Total punctaj A2.1.			406.37

Articole conferinta ISI					
7	Dan Gota, Claudiu Domuta, Liviu Miclea,	Design and control of smart hybrid renewable energy systems using modified genetic algorithms and direct design control, Asia-Pacific Power and Energy Engineering Conference – APPEEC 2012, Shanghai, China, March 27-29, 2012, IEEE Xplore DOI: 10.1109/APPEEC.2012.6306937	0.25		
8	Alexandra Fanca, Adela Puscasiu, Paul Calin Detesan, Dan Ioan Gota, Honoriu Valean, Liviu Miclea,	„Monitoring System For Quarantined Persons”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania	0.25		
9	Adela Puscasiu, Alexandra Fanca, Dan-Ioan Gota, Claudiu Domuta, Honoriu Valean, Ovidiu Stan, Liviu Miclea,	„Data transmission and remote control of Android mobile devices”, International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), 7-8 October 2021, Mauritius	0.25		
10	Dan Ioan Gota, Adela Puscasiu, Alexandra Fanca, Dumitru Bogdan Neag, Mihai Hulea, Liviu Miclea, Honoriu Valean,	„Monitoring system for Android devices sensor performance”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania	0.25		
11	Alexandru Ciobotaru, Dan Ioan Gota, Adela Puscasiu, Ovidiu Stan, Alexandra Fanca, Claudiu Domuta, Honoriu Valean, Liviu Miclea,	“: Deep Neural Networks and Computer Vision for Real-Time Facial Landmark Detection”, International Conference on Electrical, Coumputer and Energy Technologies, 2021 December Capet Town	0.25		
12	C. Vigu; L. Budai; Dan Gota; M. Abrudean,	Hydropower production schedule optimization using genetic algorithms, Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, Year: 2012, Pages: 240 – 243, DOI: 10.1109/AQTR.2012.6237710	0.25		

13	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-loan & Valean, Honoriu	. (2019). Methods to minimize false detection in accidental fall warning systems. 851-855. 10.1109/ICSTCC.2019.8885996	0.25
14	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-loan & Valean, Honoriu	Dynamic Routing of Traffic Based on Greenhouse Gases Measurements. 549-553, 2019. 10.1109/ICSTCC.2019.8886113	0.25
15	Gota, Dan-loan & Fanca, Alexandra & Adela, Puscasiu & Valean, Honoriu & Miclea, Liviu.	Driving Evaluation Based on Acceleration, Speed and Road Signs. 554-559. 10.1109/ICSTCC.2019.8885678.	0.25
16	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-loan & Valean, Honoriu.	Cooperative traffic control based on greenhouse gases footprint minimization. 1-6., 201910.1109/CarpathianCC.2019.8766020.	0.25
17	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-loan & Folea, Silviu & Valean, Honoriu.	A Survey on Distributed Greenhouse Gases Monitoring Systems. International Journal of Advanced Computer Science and Applications. 2019, 10.10.14569/IJACSA.2019.0101141.	0.25
18	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-loan & Valean, Honoriu.	(2018). Evaluating Data Accuracy of Built-In Smartphone Sensors for Mobile Applications. 1-4. 10.1109/TELFOR.2018.8611941	0.25
19	Adela Puscasiu, Alexandra Fanca, Honoriu Valean, Dan-loan Gota, Ovidiu Stan, Nicolae Roman, Iulia Clitan, and Vlad Muresan	, "Indoor Air Quality Monitoring System for Healthcare Facilities", Meditech Cluj 2020, 7th International Conference on Advancements of Medicine and Health Care through Technology, 13 – 15 October 2020	0.25
20	A. Puscasiu, A. Fanca, D. Gota and H. Valean,	"Data mining for identifying trends in markets," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9130020.	0.25
21	A. Puscasiu, A. Fanca, D. Gota and H. Valean,	"Automated image captioning," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129930	0.25
22	D. Gota, A. Puscasiu, A. Fanca, H. Valean and L. Miclea,	"Human-Computer Interaction using hand gestures," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-5, doi: 10.1109/AQTR49680.2020.9130016	0.25

23	D. Gota, A. Puscasiu, A. Fanca, L. Miclea and H. Valean,	"Smart home automation system using Arduino microcontrollers," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-7, doi: 10.1109/AQTR49680.2020.9129989	0.25
24	L. Gota, D. Gota and L. Miclea,	"Continuous Integration in Automation Testing," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129990	0.25
25	Dan-Ioan Gota, Adela Puscasiu, Alexandra Fanca, Honoriu Valean and Liviu Miclea,	"Threat Objects Detection in Airport using Machine Learning" 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020	0.25
26	Alexandra Fanca, Adela Puscasiu, Dan-Ioan Gota and Honoriu Valean,	"Recommendation Systems with Machine Learning", 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020	0.25
27	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota, Flavius Mădălin Giurgiu, Maria Magdalena Santa, Honoriu Valean, Claudiu Domuta, Liviu Miclea,	"Romanian Coins Recognition and Sum Counting System From Image Using TensorFlow and Keras", 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	0.25
28	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota, Honoriu Valean,	"Daily activities monitoring system using the mobile terminal", 2022 23rd International Carpathian Control Conference (ICCC)	0.25
29	Dan Gota, Christian Siman, Alexandra Fanca, Adela Pop Puscasiu, Ovidiu Stan, Honoriu Valean, Liviu Miclea,	"Hand gesture recognition and Infrared Information system" 2022 23rd International Carpathian Control Conference (ICCC)	0.25
30	Fanca, Alexandra; POP (Puscasiu), Adela; Gota, Dan; Valean, Honoriu; Miclea, Liviu	"Distributed System for Monitoring Environmental Conditions Using IoT", ICECET 2022 Praga	0.25
31	C. Vigu; Dan Gota; D. Capatana,	Improving estimation algorithms based on field data for a hybrid energy system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520762.	0.25

32	Dan Gota; C. Vigu; O. Capatana,	A power consumption optimization method for a hybrid renewable energy making system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520773.	0.25
33	Gicu Ungureanu; Maria Mircea; Cristian Vigu; Dan Gota,	Automated controlling system for protection of hydroelectrical power station with butterfly valves on power channel, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 - 5 DOI: 10.1109/AQTR.2010.5520773.	0.25
34	Dan Gota; D. Petreus; L. Miclea,	"Wind farms modeling files transformation", 2010 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics - AQTR, Cluj-Napoca, Romania, May 28-30 2010, Tome III, pp. 249-254, IEEE Xplore DOI: 10.1109/AQTR.2010.5520739	0.25
35	Ciobotaru, Alexandru; Gota, Dan; Puscasiu, Adela; Stan, Ovidiu P; Fanca, Alexandra; Domuta, Claudiu; Valean, Honoriu; Miclea, Liviu	"Demographic Attributes Classification via Convolutional Neural Networks: A Proposed Solution", ICECET 2022 Praga	0.25
		Factor impact cumulat	29.0
		Total punctaj A2.1.	

A2.2 – Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)

A2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferința)	Baza de date	Nr. Autori	Punctaj
1	Dan Gota, L. Miclea, I. Stoian,	Monitoring and Control System of General Services in a Hydroelectric Power Plant Using the GSM/GPRS Network, Journal of Automation, Computers, Applied Mathematics, vol 18 (2009) nr. 3, ISSN 1221-437X, pp. 326-330 (revista indexată BDI-MR și recunoscută CNCSIS B+).	330 (revista indexată BDI-MR și recunoscută CNCSIS B+)	3	6.67
2	5. Boris Ćosić, Tomislav Maršić, Dan Gota and others	The Effect of Regionally Integrated Energy Systems on CO2 Emissions Reduction and Wind Integration: the Case of South East Europe August 2013 Conference: 6th International conference on sustainable Energy and Environmental ProtectionAt: Maribor, Slovenia	ResearchGate	9	2.22

Total punctaj A2.2.

8.89

A2.4.1.2 – Director / responsabil proiecte cercetare naționale 10 * ani

Nationale					
1	National	Soluții de integrare între platforma de colarobare SharePoint si sisteme de raportare inteligente. Competitie cercetare nationala RED RAM Invest, contract numarul 26177/29.08.2022	2022-2023	1	10
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
TOTAL					10

Total punctaj A2.4.1

10.00

A2.4.2.2 – Membru în echipa proiecte cercetare naționale

A2.4.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	nat / inter	Denumire proiect	Perioada	Nr. Ani	Punctaj
Internationale					
1	Internati onal	Innovate European University of Technology INNO-EUT+	2021-2023	2	8
TOTAL					8
Nationale					
1	National	Dezvoltarea unui sistem computerizat pentru evaluarea noxelor profesionale de tip vibratii mecanice si a impactului asupra operatorului uman la locul de munca PNII	2008-2011	3	6
2	National	Sistem inteligent distribuit pentru managementul resurselor tehnologice ale amenajarilor hidrotehnice	2007-2010	3	6
3	National	Model alimentar functional pentru preventia bolilor cardio-vasculare aterosclerotice printr-un sistem inteligent de analiza de risc	2008-2011	3	6
4	National	Sistem informatic suport pentru proiectarea, implementarea si controlul fermelor energetice hibride	2008-2011	3	6
5	National	Sistem de predictie si avertizare privind efectele incalzirii globale asupra sanatatii populatiei	2008-2011	3	6
6	National	Platforma inteligenta colaborativa pentru dezvoltarea si sustinerea mecanismelor intreprinderilor virtuale	2008-2011	3	6
TOTAL					36

Total punctaj A2.4.1

44

A3. Recunoașterea și impactul activității

A.3.1 – Citări în cărți, reviste și volume ale unor manifestări științifice

A.3.1.1 Citări cărți, ISI

A3.1.1. Citări în cărți, reviste și volume ale unor manifestări științifice (cărți, ISI)					
Nr.	Articol citat	Articol care citează	Numar autc Punctaj		
Citare ISI in conditia [8]					
1	A Romanian energy system model and a nuclear reduction strategy DI Gota, H Lund, L Miclea, Energy 36 (11), 6413-6419	MES (multi-energy systems): An overview of concepts and evaluation models P Manoaarella - Energy, 2014 - Elsevier	3	5.33	Q1
2		A feasibility study of a stand-alone hybrid solar-wind-battery system for a remote island, T Ma, H Yang, L Lu - Applied Energy, 2014 - Elsevier	3	5.33	Q1
3		Reviewing EnergyPLAN simulations and performance indicator applications in EnergyPLAN simulations, PA Østergaard - Applied Energy, 2015 - Elsevier	3	5.33	Q1
4		Renewable heating strategies and their consequences for storage and grid infrastructures comparing a smart grid to a smart energy systems approach H Lund - Energy, 2018 - Elsevier	3	5.33	Q1
5		Multi-faceted energy planning: A review RD Prasad, RC Bansal, A Raturi - Renewable and sustainable energy ..., 2014 - Elsevier	3	5.33	Q1
6		Optimal energy mix for transitioning from fossil fuels to renewable energy sources-The case of the Mexican electricity system JJ Vidal-Amaro, PA Østergaard, C Sheinbaum-Pardo - Applied Energy, 2015 - Elsevier	3	5.33	Q1
7		Higher renewable energy integration into the existing energy system of Finland-Is there any maximum limit? B Zakeri, S Syri, S Rinne - Energy, 2015 - Elsevier	3	5.33	Q1
8		The role of carbon capture and storage in a future sustainable energy system H Lund, BV Mathiesen - Energy, 2012 - Elsevier	3	5.33	Q1
9		Techno-economic evaluation for hybrid renewable energy system: Application and merits W Ma, X Xue, G Liu - Energy, 2018 - Elsevier	3	5.33	Q1
10		The possibilities of combined heat and power production balancing large amounts of wind power in Finland S Rinne, S Syri - Energy, 2015 - Elsevier	3	5.33	Q1
11		The importance of flexible power plant operation for Jiangsu's wind integration L Hong, H Lund, B Möller - Energy, 2012 - Elsevier	3	5.33	Q1
12		Technical benefits of energy storage and electricity interconnections in future British power systems RK Edmunds, TT Cookerill, TJ Foxon, DB Ingham... - Energy, 2014 - Elsevier	3	5.33	Q1
13		Coastal impact assessment of a generic wave farm operating in the Romanian nearshore AT Zănoșol, F Onea, E Rusu - Energy, 2014 - Elsevier	3	5.33	Q1
14		Numerical investigations on a comparison between counterflow and coflow double-channel micro combustors for micro-thermophotovoltaic system W Zuo, E Jiaqiang, Q Peng, X Zhao, Z Zhang - Energy, 2017 - Elsevier	3	5.33	Q1
15		Target for national carbon intensity of energy by 2050: A case study of Poland's energy system WM Budzianowski - Energy, 2012 - Elsevier	3	5.33	Q1
16		Quantifying the influence of wind power and photovoltaic on future electricity market prices P Sørnaes, SR Djerup, H Lund... - Energy conversion and ..., 2019 - Elsevier	3	5.33	Q1

17		An energy system model for Hong Kong in 2020 T Ma, PA Østergaard, H Lund, H Yang, L Lu - Energy, 2014 - Elsevier	3	5.33	Q1
18		Priority order in using biomass resources-Energy systems analyses of future scenarios for Denmark PS Kwon, PA Østergaard - Energy, 2013 - Elsevier	3	5.33	Q1
19		Modeling for diversifying electricity supply by maximizing renewable energy use in Ebino city southern Japan Y Noorollahi, R Itoi, H Yousefi, M Mohammadi... - Sustainable cities and ..., 2017 - Elsevier	3	5.33	Q1
20		Wind energy integration into future energy systems based on conventional plants-The case study of Croatia T Cerovac, B Čosić, T Pukšec, N Duić - Applied energy, 2014 - Elsevier	3	5.33	Q1
21		Modelling the energy system of Pécs-The first step towards a sustainable city VM Kiss - Energy, 2015 - Elsevier	3	5.33	Q1
22		Long term outlook of primary energy consumption of the Italian thermoelectric sector: Impact of fuel and carbon prices V Bianco, F Scarpa, LA Tagliaro - Energy, 2015 - Elsevier	3	5.33	Q1
23		Effect of major policy disruptions in energy system transition: Case Finland S Pilola, PD Lund - Energy Policy, 2018 - Elsevier	3	5.33	Q1
24		Energy transition in the South East Europe: The case of the Romanian power system NE Kotsakis, AS Dagoumas, G Seritan, R Porumb - Energy Reports, 2020 - Elsevier	3	5.33	Q2
25		Impact of the phase out of French nuclear reactors on the Italian power sector V Bianco, F Scarpa - Energy, 2018 - Elsevier	3	5.33	Q1
26		Two methods for decreasing the flexibility gap in national energy systems IB Bjelić, N Rajaković, G Krajačić, N Duić - Energy, 2016 - Elsevier	3	5.33	Q1
27		Replacing natural gas with solar and wind energy to supply the thermal demand of buildings in Iran: A simulation approach Y Noorollahi, A Khatibi, S Eslami - Sustainable Energy Technologies and ..., 2021 - Elsevier	3	5.33	Q2
28		Issues and solutions relating to Hungary's electricity system VM Kiss, Z Hetesi, T Kiss - Energy, 2016 - Elsevier	3	5.33	Q1
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30		Deep decarbonisation of regional energy systems: A novel modelling approach and its application to the Italian energy transition M Borasio, S Moret - Renewable and Sustainable Energy Reviews, 2022 - Elsevier	3	5.33	Q1
31		Review and validation of EnergyPLAN PA Østergaard, H Lund, JZ Thellufsen... - ... and Sustainable Energy ..., 2022 - Elsevier	3	5.33	Q1
32		Multi-energy systems: An overview of concepts and evaluation models P Mancarella - Invited Paper, Energy, under Review - researchgate.net	3	5.33	Q1
33		Smart energy Denmark: A consistent and detailed strategy for a fully decarbonized society H Lund, JZ Thellufsen, P Sørensen... - ... and Sustainable Energy ..., 2022 - Elsevier	3	5.33	Q1
34	The effect of regionally integrated energy systems on CO2 emissions reduction and wind integration: the case of South East Europe B Čosić, D Gota, T Marišić, G Krajačić, N Markovska, I Batas Bjelić, Z Hasović	Zero carbon energy system of South East Europe in 2050 DF Dominković, I Bažeković, B Čosić, G Krajačić... - Applied energy, 2016 - Elsevier	9	1.78	Q1
35	Method to Increase Dependability in a Cloud-Fog-Edge Environment OP Stan, S Enyedi, C Corches, S Florita, I Stefan, D Gota, L Micalea	Industry 4.0: A Proposal of Paradigm Organization Schemes from a Systematic Literature Review C Rocha-Jácome, RG Carvajal, FM Chavero... - Sensors, 2021 - mdpi.com	7	2.29	Q2
36	Design and Control of Smart Hybrid Renewable Energy Systems Using Modified Genetic Algorithms and Direct Design Control D Gota, C Domuta, L Micalea	Solar-wind hybrid renewable energy system: A review V Khare, S Nema, P Baredar - Renewable and Sustainable Energy ..., 2016 - Elsevier	3	5.33	Q1

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48		Exploring the Long-Term Development of the Ukrainian Energy System Energies. 2021.14. 7731 S.Petrovic, O.Diachuk, R.Podolets, A.Semeniuk... - Energy Planning, 2021 - mdpi.com	3	2.67
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53	Automated image captioning, Autori: Adela Puscasu, Alexandru Fancas, Dan-Ioan Gora, Honoku Valean, Data: publicat în 2020/5/21, Conferință: 2020 IEEE International Conference on Automation, Quality and	Image captioning using inception V3 transfer learning model S.Degadaxala, D.Vyas, H.Bhatia... - 2021 16th ... , 2021 - ieeexplore.ieee.org	4	2.00
54		Video captioning in Vietnamese using deep learning D.T.Phuc, Q.T.Tran, N.Van Tinh, S.H.Dau - International Journal of ... , 2022 - pmgo.com	4	2.00
55		A novel framework for automatic caption and audio generation C.Kulkarni, P.Mondal, B.Priya, S.Shukla - Materials Today: Proceedings, 2022 - Elsevier	4	2.00
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59		Image Captioning for the Indian languages using deep learning V.P.Kumar, V.P.Tej, A.R.Kumar... - 2021 International ... , 2021 -	4	2.00
60	Smart home automation system using Arduino microcontrollers Di Gora, A.Puscasu, A.Fancas, L.Miclea, H.Valean	A Smart Home Appliances Controlling Application (HACA-App) with Highly Secure System M.Zerard, S.M.Ahmed, M.S.Ahmed... - IoT and Cloud Computing ... , 2022 - Springer	5	1.60
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64		Developing a low-cost Smart Thermostat in the Context of Home Automation Applications T.Stanciu, R.Bogdan, M.Marcu - researchgate.net	5	1.60

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66		Performance analysis and design of a distributed multi-agent recommendation system D Ghosh, T Weng, B Gao, D Ghosh, et al. - Computing and Mobile - 2022 - Springer	4	2.06
67		Recommendation for Scaling of Cloud Resources Using Machine Learning and Recommendation - 2021 - Wiley	4	2.06
68	The effect of regionally integrated energy systems on CO ₂ emissions reduction and wind integration: the case of South East Europe B Bock, D Gota, T Matic, G Krupar, N Mavroudis, I Bazar Bak, Z Harsanyi	South East Europe electricity trading: modelling energy transition in the electricity sector L Scales, A Karam, A Mappa, C Papp, E Kádor, et al. - 2019 - Taylor & Francis	5	0.99
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71	Human-Computer Interaction using hand gestures D Gota, A Pucăciuc, A Tănuș, H Valean, L Miclea	A Smart Night Controller based on Reinforcement Learning for Unmanned Aerial Vehicle (UAV) PS Khan, MBH Model, RM, et al. - on Signal and - 2021 - ieee.org	5	1.60
72		Human Activity Recognition Technology Based on Sliding Window and Convolutional Neural Network JHE, Z GUO, L LI, Y SU, et al. - 2022 - ieee.org	5	1.60
73	Method to increase dependability in a Cloud-Fog-Edge Environment OP Sani, S Ene, C Corchea, S Florin, I Stefan, D Gota, L Miclea	Predictive Maintenance Efficiency Study Using Wireless Sensor (Sensor) (MSE) (Scales, AA, Tănuș, D Păncu, et al. - 2022 IEEE International - 2022 - ieee.org	7	1.34
74		Energy trading systems for distributed energy resources ES Hakala, B Bello - International Journal of Energy Services - 2018 -	7	1.34
75	Three objects detection in airport using machine learning D Gota, A Pucăciuc, A Păncu, H Valean, L Miclea	Repeatable Artificial Intelligence in Aerospace Safety Critical Systems S Sushanth, S Srinivasan, et al. - 2022 IEEE Aerospace - 2022 - ieee.org	5	1.60
76	Dynamic Routing of Traffic Based on Greenhouse Gases Measurements A Pucăciuc, A Păncu, D Gota, H Valean	Integration Strategies, Challenges, and Models of Renewable Resource and Electric Vehicles S Habbu, TK Kulkarni, PP Patwardhan, et al. - Electric Vehicles and the - 2021 - Wiley	4	2.00
77		A Reinforced control strategy of a Single-stage Fast EV battery charger based on the Voltage-time PMP Controller S Yang, S Li, T Wang, F Liang, et al. - 2020 IEEE International - 2020 - ieee.org	4	2.00
78	Methods to increase large detection in accident fall warning systems A Păncu, A Pucăciuc, D Gota, H Valean	Collaborative Edge-Cloud Computing for Personalized Fall Detection AH Ngu, S Cosme, P Seneviratna, V Marai, et al. - IEEE International Conference on - 2021 - Springer	4	2.00
79	Improving the wind speed estimation algorithm using results obtained in the field C Vigu, D Gota, D Capatana	Application of wireless power system automation for electrical distribution system of Van, Turkey S Flămând, D Abdulkadir, NVALMALLI, et al. - Bilkent University - 2017 - dergisi	3	2.87
80	Method for Continuous Integration and Deployment Using a Pipeline Generator for Agile Software Pipelines D Gota, L Miclea	The 11th Symposium Test Platform for Smart Contracts I Gostar - Summary - 2022 - indpi.com	5	1.00

81	Hydropower production schedule optimization using genetic algorithms C Vigu, L Budai, D Gota, M Abrudean	Research on optimal operation of cascade hydropower station based on improved biogeography-based optimization algorithm Y Jiang, Z He, A Liu, Z Bai - 2017 13th International Conference on, 2017 - IEEE Xplore	3	2.67
82	A power consumption optimization method for a hybrid renewable energy making system D Gota, C Vigu, D Capatana	ICT System Architecture For Smart Energy Container Y Wu - 2011 - diva-portal.org	3	2.67
Total punctaj A3.1.1.			281.42	

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj	
Citare ISI in conditia [8]					
1	A Romanian energy system model and a nuclear reduction strategy DI Gota, H Lund, L Miclea, Energy 36 (11), 6413-6419	MES (multi-energy systems): An overview of concepts and evaluation models P Mancarella - Energy, 2014 - Elsevier	3	5.33	Q1
2		A feasibility study of a stand-alone hybrid solar-wind-battery system for a remote island, T Ma, H Yang, L Lu - Applied Energy, 2014 - Elsevier	3	5.33	Q1
3		Reviewing EnergyPLAN simulations and performance indicator applications in EnergyPLAN simulations, PA Østergaard - Applied Energy, 2015 - Elsevier	3	5.33	Q1

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5		Multi-faceted energy planning: A review RD Prasad, RC Bansal, A Raturi - Renewable and sustainable energy ..., 2014 - Elsevier	3	5.33	Q1
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17		An energy system model for Hong Kong in 2020 T Ma, PA Østergaard, H Lund, H Yang, L Lu - Energy, 2014 - Elsevier	3	5.33	Q1
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24		Energy transition in the South East Europe: The case of the Romanian power system NE Koltsaklis, AS Dagoumas, G Seritan, R Porumb - Energy Reports, 2020 - Elsevier	3	5.33	Q2
25		Impact of the phase out of French nuclear reactors on the Italian power sector V Bianco, F Scarpa - Energy, 2018 - Elsevier	3	5.33	Q1
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34	The effect of regionally integrated energy systems on CO2 emissions reduction and wind integration: the case of South East Europe B Ćosić, D. Gota, T Maršić, G Krajačić, N Markovska, I Batas Bjelić, Z Hasović	Zero carbon energy system of South East Europe in 2050 DF Dominković, I Bačeković, B Ćosić, G Krajačić... - Applied energy, 2016 - Elsevier	9	1.78	Q1
35	Method to Increase Dependability in a Cloud-Fog-Edge Environment OP Stan, S Enyedí, C Corches, S Flonta, I Stefan, D Gota, L Miclea	Industry 4.0: A Proposal of Paradigm Organization Schemes from a Systematic Literature Review C Rocha-Jácome, RG Carvajal, FM Chavero... - Sensors, 2021 - mdpi.com	7	2.29	Q2
36	Design and Control of Smart Hybrid Renewable Energy Systems Using Modified Genetic Algorithms and Direct Design Control D Gota, C Domuta, L Miclea	Solar-wind hybrid renewable energy system: A review V Khare, S Nema, P Baredar - Renewable and Sustainable Energy ..., 2016 - Elsevier	3	5.33	Q1

A3.1.2 BDI

A.3.2 – Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizarea ale manifestărilor științifice internaționale indexate ISI

Membru în colectivele de redacție sau comitete științifice ale revistelor, organizator de manifestări științifice, ISI/BDI				
	Nume manifestare	URL	Tip (ISI/BDI) Punctaj	
1	Chair for the Parallel Session E - IV: MIXED - III at the ICECET 2021, Cape Town	http://www.icecet.com/ICECET_Program.pdf	ISI	10
2	Part of the Scientific Committee ICECET 2022 Prague	http://www.icecet.com/committees	ISI	10
3	Chair Session A-II: IoT, Neural Networks - Mechatronics, ICECET 2022 Praga	http://www.icecet.com/program_P.pdf	ISI	10
4	Chair of the Regular Session R2 for the International Conference on Automation, Quality and Testing, Robotics, 2018, Cluj-Napoca, Romania	https://aqtr.ro/2018/program/aqtr_2018_pro	ISI	10
5	Finance Chair for the International Conference on Automation, Quality and Testing, Robotics, May 19-21, 2020, Cluj-Napoca, Romania	http://aqtr.ro/2020	ISI	10
6	Finance Chair for the International Conference on Automation, Quality and Testing, Robotics, May 19-21, 2022, Cluj-Napoca, Romania	http://aqtr.ro/2022	ISI	10
7	Chair of the A3 Online session for the International Conference on Automation, Quality and Testing, Robotics, May 19-21, 2022, Cluj-Napoca, Romania	http://aqtr.ro/2022	ISI	10

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70.00

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A.3.4 – Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu