

FIŞA DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE

Comisia de electronica, telecomunicatii si nanotehnologii

Conf. dr.ing. BĂLAN Titus Constantin

Departamentul de Electronică și Calculatoare
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Universitatea Transilvania din Brașov

Brașov

2024



**Centralizator grila de punctaj pentru candidatul BĂLAN Titus Constantin Conform OMENCS 6129 /
20.12.2016**

(detaliile modului în care au fost calculate punctajele sunt descrise ulterior)

Structura activității candidatului							
Nr. crt	Domeniul activităților	Categorii și restricții		Subcategori	Condiții minime Profesor pe subcategori	Condiții realizate pe subcategori	Punctaj realizat de candidat
1	Activitatea didactică și profesională (A1)	Cărți de autor sau capitolă[1] de specialitate în edituri cu ISBN	Cărți/monografii	A1.1.1 (internationale)	1 carte (A.1.1.1-A1.1.2)	2	14,58
				A1.1.2 (naționale)		3	
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		4	71,66
Punctaj realizat A1						100	127.915
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI		A2.1	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2	36 articole din care: 11 articole în reviste cotate ISI din care 8 în Q1 sau Q2 (lista roșie pentru domeniul Science)* 25 articole în volumele unor manifestări științifice indexate ISI	667,232

	Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)		A2.2		12 articole	600	
	Proprietate intelectuală, brevete de invenție, certificate ORDA		A2.3.1 (internațional e)				
			A2.3.2 (naționale)				
	Granturi / proiecte de cercetare câștigate prin competiție Sau Contracte cu agenți economici în valoare de minim 10.000 dolari S.U.A echivalent încasăți	Director /responsabil partener	A2.4.1 .1 (international e)	2	5 proiecte internaționale	200	
			A2.4.1 .2 (naționale)		2 proiect național	40	
		Membru în echipă	A2.4.2 .1 (international)		Membru în 4 proiecte câștigate prin competiție internațională	56	
			A2.4.2 .2 (național)		Membru într-un proiect câștigat prin competiție națională		
Punctaj realizat A2					600	667.232+ 200+40+56 = 963.232	

3	Recunoașterea și impactul activității (A3)	Citări în cărți, reviste și volume ale unor manifestări științifice		A3.1.1 (Cărți, ISI)	25	50	150	192.924
				A3.1.2 (BDI)		16		19.2
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI	Punctaj unic pentru fiecare activitate	A3.2		1	10	
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice indexate BDI	Punctaj unic pentru fiecare activitate	A3.3				
	Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu.			A3.4		2 premii în domeniu premiu obținut în cadrul: "European Satellite Navigation Competition" și „Premiul Asociației Patronale a Industriei de Software și Servicii – Bursele ANIS”	2*15	

Punctaj realizat A3	150	192.924+19.2+10+30 = 232.924
Total punctaj realizat	850	127.915 + 963.232 + 232.924 = 1324.071
Factor de Impact cumulat = $24 * 0.25 + 1 * 0.75 + 1.462 + 0.849 + 5.6 + 3.557 + 2.6 + 2 \times 3.9 + 4 * 2.838 + 2 \times 2.679 = 42.64$	10	42.64
<ul style="list-style-type: none"> - 0,25 pentru fiecare proceeding ISI - 0,75 pentru lucrarea de la conferinta BMSB2017 e cotata in Julkaisu Publication Forum - 1,462 pentru articolul "LISP Optimisation of Mobile Data Streaming in Connected Societies" revista:Mobile Information Systems, conform cu FI in vigoare la momentul aparitiei - 0,849 pentru articolul "Multihoming for Mobile Internet of Multimedia Things" revista:Mobile Information Systems", conform cu FI in vigoare la momentul aparitiei - 5,6 pentru articolul "Using CCDF statistics for characterizing the radiated power dynamics in the near field of a mobile phone operating in 3G+ and 4G+ communication standards" revista: Measurement - 3.557 pentru articolele din jurnalul IEEE Access - 2.6 pentru EURASIP Journal on Wireless Communications and Networking - 3.9 pentru articolele din jurnalul Sensors - 2.838 pentru articolele din jurnalul Applied Science conform cu FI in vigoare la momentul aparitiei, cu exceptia articolului „Artificial intelligence for the prediction of exhaust back pressure effect on the performance of diesel engines” pentru care se considera FI 2.679, conform cu FI in vigoare la momentul aparitiei <p>TOTAL FI cumulat : 42.64</p> <p>Conform cu nota [3] aferenta comisiei 11, se considera factorul de impact ISI al revistei valabil in anul publicarii sau la data depunerii dosarului</p> <p>* Doua articole in jurnale ISI au fost acceptate spre publicare in luna 2023 in revistele Sensors si International Journal on Information Security (Acesta articole si dovezile de acceptare sunt incluse in lista articolelor de jurnal de mai jos, insa nu au fost cuantificate in punctajul total)</p>		

Detalierea metodei de calcul a punctajului pentru fiecare criteriu

Nr	Tip Criteriu	Denumire Criteriu	Formula Calcul	Punctaj	Dovada
10	1.1.1.1.1	Carti/monografii/capitole in edituri internationale recunoscute, ca autor; cel putin 50 biblioteci din strainatate conform catalogului WorldCat			
	Descriere				
		<u>titluCc:T.C.Balan, F.Sandu," Capitolul 18 - LTE Mobility Solutions at Network Level for Global Convergence, pag. 405-423 - in monografia "Fourth-Generation Wireless Networks: Applications and Innovations", editori S.Adibi, A.Mobasher, M.Tofiqhbakhsh editura:editura:IGI Global – S.U.A. isbn:978-1-61520-674-2</u> <u>AnAparitie:2010 NrAutori:2 TotalNrPagini:18 tipCarteCap:4</u> <u>https://www.worldcat.org/title/fourth-generation-wireless-networks-applications-and-innovations/oclc/700179077&referer=brief_results</u>	(100/2/4)	12.5	<u>T.C.Balan_F.Sandu_IKI_Global_2010.pdf</u> <u>http://www.igi-global.com/book/fourth-generation-wireless-networks/37239</u>
		<u>titlu:Inclusive Radio Communications for 5G and Beyond - Editură:Elsevier - Academic Press isbn:9780128205822 Data:2021 NrAutori:12 Număr pagini:33 tipCarteCap:4</u> <u>https://www.sciencedirect.com/book/9780128205815/inclusive-radio-communications-for-5g-and-beyond</u>	(100/12/4)	2.083	<u>https://www.worldcat.org/title/1252050930</u> <u>https://www.sciencedirect.com/science/article/pii/B9780128205815000134#!</u>
15	1.1.1.1.2	Capitole in carti cu ISBN, in edituri internationale recunoscute, ca autor; cel putin 50 biblioteci din strainatate conform catalogului WorldCat			
20	1.1.1.2.1	Carti/monografii/capitole in edituri internationale, care NU se regasesc in catalogul WorldCat, recunoscute ca autor			
25	1.1.1.2.2	Capitole in carti cu ISBN, in edituri internationale, care NU se regasesc in catalogul WorldCat, recunoscute ca autor			
30	1.1.2.1	Carti/monografii/capitole in edituri nationale recunoscute, ca autor			
	Descriere		Formula Calcul	Punctaj	Dovada

		titluCc:Comunicatii mobile celulare si calcul mobil. Evolutia de la 3G la 4G editura:Comunicatii mobile celulare si calcul mobil. Evolutia de la 3G la 4G isbn:978-606-19-0567-6 AnAparitie:2015 NrAutori:3 TotalNrPagini:371	(50/3)	16.666	Dovada carte CMCCM.pdf https://www.worldcat.org/title/1288699545 http://193.254.231.112:8280/liberty/OpacLogin?mode=BASIC&openDetail=true&corporation=UNITBV&action=search&queryTerm=uuid%3D%2282dbb10bc1fee77001f8a89000cd37f%22&operator=OR&url=%2Fopac%2Fsearch.do
		titluCc:Bălan, T.C. – coautor la monografia Advanced Technologies for e-Learning, editori Sandu, Moraru,Borza editura:Ed. Lux Libris, Brasov isbn: 978-973-131-045-9 AnAparitie:2008 NrAutori:4 TotalNrPagini:420 coautor si la editia a doua, republicata a monografiei – „Advanced Technologies for e-Learning” - Editia 2-a, Vol.1 – „Models, methods, tools and services. Access technologies”, Secțiunea: “Technologies for the Integration of e-Learning Resources” – “Service Orientation in Education - Intelligent Networks for e-Learning / m-Learning”	(50/4)	12.5	Advanced Technologies for e-Learning dovada.pdf Advanced Technologies for e-Learning - Middleware_ Integration.pdf
		titluCc:Retele Inteligente de Telecomunicatii editura:Editura Universitatii Transilvania din Brasov, sectiuni (3 capitole):Contextul Rețelelor Inteligente de Telecomunicații,Modelul de Procesare a Apelurilor, WebRTC - Comunicații prin web în timp real, isbn:ISBN 978-606-19-0820-2 AnAparitie:2016 NrAutori:13 TotalNrPagini:560	(50/4)	12.5	Retele Inteligente de Telecom.pdf All&branch=Toate&resourceCollection=Toate&activeMenuItem=false#">http://193.254.231.112:8280/liberty/opac/search.do?action=topicSearch&topic=title&operator=AND&mode=TITLE&=COSTACHE%2C%20Cosmin&=TITLE&=KEYWORD&queryTerm=RETELE%20inteligente%20de%20telecomunicatii%20%20Resursa%20electronica%20&=BROWSE&searchTarget=THIS LIBRARY&operator=AND&includeNonPhysicalItems=true&catalogAuthors=Balan%20Titus&timeScale=ANY TIME&limit=Toate&gmd>All&branch=Toate&resourceCollection=Toate&activeMenuItem=false# http://193.254.231.112:8280/liberty/OpacLogin?mode=BASIC&openDetail=true&corporation=UNITBV&action=search&queryTerm=uuid%3D%2282e6df8bc1fee77001a7879300d6afc5%22&operator=OR&url=%2Fopac%2Fsearch.do
35	1.1.2.2	Carti/monografii/capitole fara ISBN, in edituri nationale recunoscute, ca autor			
40	1.2.1	Material didactic/Lucrari didactice - Manuale didactice			
		Descriere	Formula Calcul	Punetaj	Dovada
		titluMn: Integrarea Sistemelor de Calcul și Telecomunicații editura:Editura Universitatii Transilvania din Brasov isbn:978-606-19-0609-3 AnAparitie:2015 NrAutori:3 TotalNrPagini:298	(40/3)	13.333	Balan-Sandu-Robu- ISCT_.pdf
		titluMm: Network Security and Perimeter Defence editura:Editura Universitatii Transilvania isbn:978-606-19-1602-3 AnAparitie:2023 NrAutori:1 TotalNrPagini:101	(40/1)	40	20230504_120534.jpg http://193.254.231.112:8280/liberty/OpacLogin?mode=BASIC&openDetail=true&corporation=UNITBV&action=search



				&queryTerm=uuid%3D%2209ea348cc0a870fd137b9dc600b 400d5%22&operator=OR&url=%2Fopac%2Fsearch.do
	titluMm: Integrarea Sistemelor de Calcul si Telecomunicatii - Aplicatii editura:Editura Universitatii Transilvania isbn:978-606-19-1601-6 AnAparitie:2023 NrAutori:3 TotalNrPagini:126	(40/3)	13.333	20230504_120418.jpg http://193.254.231.112:8280/liberty/OpacLogin?mode=BASIC&openDetail=true&corporation=UNITBV&action=search&queryTerm=uuid%3D%2209cf78bcc0a870fd137b9dc600b3a229%22&operator=OR&url=%2Fopac%2Fsearch.do
	titluMm: Comunicatii Mobile - Aplicatii - Reteaua de Baza; Editura:Editura Universitatii Transilvania, ISBN: 987-606-19-1543-9, 2022	(40/8)	5	https://drive.unitbv.ro/s/b9c97953HKZozwr
50	2.1.1	Articole in reviste cotate ISI		
	Descriere	Formula Calcul	Punctaj	Dovada
	titlu:ODIN IVR-Interactive Solution for Emergency Calls Handling publica?ie:APPLIED SCIENCES-BASEL issn:20763417 isbn:N/A Data:2022 nrAutori:9 zona:Q2 https://www.mdpi.com/2076-3417/12/21/10844	((25+30*2.838)/9)	12.237	ODIN_IVR_WOS.jpg https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM wos:000881040500001
	titlu:Investigating Proactive Digital Forensics Leveraging Adversary Emulation publica?ie:APPLIED SCIENCES-BASEL issn:20763417 isbn:N/A Data:2022 nrAutori:2 zona:Q2 https://www.mdpi.com/2076-3417/12/18/9077	((25+30*2.838)/2)	55.07	Proactive_Security_WOS.jpg https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM wos:000858034300001
	titlu:ODIN112-AI-Assisted Emergency Services in Romania publica?ie:APPLIED SCIENCES-BASEL issn:20763417 isbn:N/A Data:2023 nrAutori:10 zona:Q2 https://www.mdpi.com/2076-3417/13/1/639	((25+30*2.838)/10)	11.014	Screenshot_20230201_162721_Chrome.jpg https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM WOS:000910455500001
	titlu:SDR Implementation of a D2D Security Cryptographic Mechanism revista:IEEE Access issn:21693536 isbn:2169-3536 AnAparitie:2019 nrAutori:3 zona:Q1 https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8667414	((25+30*3.557)/3)	43.903	https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8667414
	titlu:Smart Multi-Sensor Platform for Analytics and Social Decision Support in Agriculture revista:Sensors issn:14248220 isbn:1424-8220 AnAparitie:2020 nrAutori:8 zona:Q1 https://www.mdpi.com/1424-8220/20/15/4127	((25+30*3.9)/8)	17.75	https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM https://www.mdpi.com/1424-8220/20/15/4127
	titlu:Signals Intelligence System with Software-Defined Radio publica?ie:APPLIED SCIENCES-BASEL issn:20763417 isbn:N/A Data:2023 nrAutori:6 zona:Q2 https://mdpi-res.com/d_attachment/applsci/applsci-13-05199/article_deploy/applsci-13-05199.pdf?version=1682076237	((25+30*2.838)/6)	18.356	applsci-13-05199.pdf https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM

P.B.C.

	<p><u>titlu:Artificial Intelligence for the Prediction of Exhaust Back Pressure Effect on the Performance of Diesel Engines</u> publicat in: Applied Sciences-Basel issn:20763417 isbn:N/A Data:2020 nrAutori:3 zona:Q2 https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>titlu:LISP Optimisation of Mobile Data Streaming in Connected Societies</u> revista:Mobile Information Systems issn:1574017X isbn:http://dx.doi.org/10.1155/2016/9597579 AnAparitie:2016 nrAutori:3 zona:ALTA https://www.hindawi.com/journals/misy/2016/9597579/</p> <p><u>titlu:Multihoming for Mobile Internet of Multimedia Things</u> revista:Mobile Information Systems issn:1574017X isbn:1574-017X AnAparitie:2017 nrAutori:3 zona:ALTA https://www.hindawi.com/journals/misy/2017/6965028/</p> <p><u>titlu:Using CCDF statistics for characterizing the radiated power dynamics in the near field of a mobile phone operating in 3G+ and 4G+ communication standards</u> revista:Measurement. Elsevier - zona Q1 categoria SCIENCE https://uefiscdi.ro/resource-842527&wtk=f5885710209815f0d4af1b2fee9af91a4759fb65&wtkps=XY9dDolwEITv0met3fLTdmDMfEhVYooiCkmi8uwUfjL5NZuebzWjM8ekxOzJP586TwHPpFA https://www.sciencedirect.com/journal/measurement</p> <p><u>titlu:A PUF based cryptographic security solution for IoT Systems on Chip</u> revista:EURASIP Journal on Wireless Communications and Networking issn:16871499 isbn:1687-1499 AnAparitie:2020 nrAutori:4 zona:ALTA</p> <p>Rekeraho, A., Cotfas, D.T., Cotfas, P.A., Bălan, T.C., Tuyishime, E. and Acheampong, R., 2023. Cybersecurity challenges in IoT-based smart renewable energy, International Journal on Information Security https://link.springer.com/article/10.1007/s10207-023-00732-9</p> <p>L.F. Ilca, P.L. Ogrutan and T. Balan, "Enhancing Cyber-Resilience for Small and Medium-sized Organizations with Prescriptive Malware Analysis, Detection and Response", Sensors - zona Q2 https://www.mdpi.com/1424-8220/23/15/6757</p> <p>Rekeraho, A., Cotfas, D. T., Cotfas, P. A., Tuyishime, E., Balan, T. C., & Acheampong, R. (2024). Enhancing Security for IoT-Based Smart Renewable</p>	((25+30*2.679)/3)	35.123	<p><u>Artificial intel Exhaust Pressure Effect.JPG</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>Volume 2016, Article ID 9597579, 14 pages.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>I-s2.0-S0263224118311631-main.pdf</u> FI 5.6 -> https://oai10q7794.v-https-jcr-clarivate-com.z.e-nformation.ro/icr-ip/journal-profile?journal=MEASUREMENT&year=2022 https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.sciencedirect.com/science/article/pii/S0263224118311631?dgcid=author https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>https://uefiscdi.gov.ro/resource-821873-clasament2020.if.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/Gi82BnBLermck9 https://www.researchsquare.com/article/rs-2840528/v1 WOS:001093252200001</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/oD8EiDkyomtbKGe WOS:001045892000001</p> <p>https://www.mdpi.com/2076-3417/13/22/12359 WOS:00112029680</p>
	<p>Rekeraho, A., Cotfas, D. T., Cotfas, P. A., Tuyishime, E., Balan, T. C., & Acheampong, R. (2024). Enhancing Security for IoT-Based Smart Renewable</p>	((25+30*2.679)/3)	35.123	<p>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>Volume 2016, Article ID 9597579, 14 pages.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>I-s2.0-S0263224118311631-main.pdf</u> FI 5.6 -> https://oai10q7794.v-https-jcr-clarivate-com.z.e-nformation.ro/icr-ip/journal-profile?journal=MEASUREMENT&year=2022 https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.sciencedirect.com/science/article/pii/S0263224118311631?dgcid=author https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>https://uefiscdi.gov.ro/resource-821873-clasament2020.if.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/Gi82BnBLermck9 https://www.researchsquare.com/article/rs-2840528/v1 WOS:001093252200001</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/oD8EiDkyomtbKGe WOS:001045892000001</p> <p>https://www.mdpi.com/2076-3417/13/22/12359 WOS:00112029680</p>
	<p>Rekeraho, A., Cotfas, D. T., Cotfas, P. A., Tuyishime, E., Balan, T. C., & Acheampong, R. (2024). Enhancing Security for IoT-Based Smart Renewable</p>	((25+30*2.679)/3)	35.123	<p>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>Volume 2016, Article ID 9597579, 14 pages.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>I-s2.0-S0263224118311631-main.pdf</u> FI 5.6 -> https://oai10q7794.v-https-jcr-clarivate-com.z.e-nformation.ro/icr-ip/journal-profile?journal=MEASUREMENT&year=2022 https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.sciencedirect.com/science/article/pii/S0263224118311631?dgcid=author https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>https://uefiscdi.gov.ro/resource-821873-clasament2020.if.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/Gi82BnBLermck9 https://www.researchsquare.com/article/rs-2840528/v1 WOS:001093252200001</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/oD8EiDkyomtbKGe WOS:001045892000001</p> <p>https://www.mdpi.com/2076-3417/13/22/12359 WOS:00112029680</p>
	<p>Rekeraho, A., Cotfas, D. T., Cotfas, P. A., Tuyishime, E., Balan, T. C., & Acheampong, R. (2024). Enhancing Security for IoT-Based Smart Renewable</p>	((25+30*2.679)/3)	35.123	<p>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>Volume 2016, Article ID 9597579, 14 pages.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>I-s2.0-S0263224118311631-main.pdf</u> FI 5.6 -> https://oai10q7794.v-https-jcr-clarivate-com.z.e-nformation.ro/icr-ip/journal-profile?journal=MEASUREMENT&year=2022 https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.sciencedirect.com/science/article/pii/S0263224118311631?dgcid=author https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>https://uefiscdi.gov.ro/resource-821873-clasament2020.if.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/Gi82BnBLermck9 https://www.researchsquare.com/article/rs-2840528/v1 WOS:001093252200001</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/oD8EiDkyomtbKGe WOS:001045892000001</p> <p>https://www.mdpi.com/2076-3417/13/22/12359 WOS:00112029680</p>
	<p>Rekeraho, A., Cotfas, D. T., Cotfas, P. A., Tuyishime, E., Balan, T. C., & Acheampong, R. (2024). Enhancing Security for IoT-Based Smart Renewable</p>	((25+30*2.679)/3)	35.123	<p>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.mdpi.com/2076-3417/10/20/7370</p> <p><u>Volume 2016, Article ID 9597579, 14 pages.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>I-s2.0-S0263224118311631-main.pdf</u> FI 5.6 -> https://oai10q7794.v-https-jcr-clarivate-com.z.e-nformation.ro/icr-ip/journal-profile?journal=MEASUREMENT&year=2022 https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>https://www.sciencedirect.com/science/article/pii/S0263224118311631?dgcid=author https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p><u>https://uefiscdi.gov.ro/resource-821873-clasament2020.if.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/Gi82BnBLermck9 https://www.researchsquare.com/article/rs-2840528/v1 WOS:001093252200001</p> <p>Dovada acceptare spre publicare in jurnal https://drive.unitbv.ro/s/oD8EiDkyomtbKGe WOS:001045892000001</p> <p>https://www.mdpi.com/2076-3417/13/22/12359 WOS:00112029680</p>

		Energy Remote Monitoring Systems. <i>Electronics</i> , 13(4), 756. https://www.mdpi.com/2079-9292/13/4/756			0001
55	2.1.2	Volumele unor manifestari stiintifice indexate ISI proceedings			
		Descriere	Formula Calcul	Punctaj	Dovada
		<u>titlu: Building a Virtualized Cybersecurity Lab</u> revista: Springer: Internet of Things, Infrastructures and Mobile Applications; DOI: 10.1007/978-3-030-49932-7 9 issn: isbn: 978-3-030-49931-0 Data: 2020 nrAutori: 4 nivelProceedingISI: 0.25 https://imcl-conference.org	((25+30*0.25)/4)	8.125	<u>Open_Source_Online_Conference.jpg</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
		<u>titlu: Open Source Online Conference System for Industry Experts Participation in Education</u> revista: Springer: Internet of Things, Infrastructures and Mobile Applications issn: isbn: 978-3-030-49931-0 Data: 2020 nrAutori: 4 nivelProceedingISI: 0.25 https://imcl-conference.org	((25+30*0.25)/4)	8.125	<u>IMCL_Sandu_indexare_ISI.jpg</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM https://link.springer.com/chapter/10.1007/978-3-030-49932-7_4
		<u>titlu: SDR-Based Platform for Processing the Images Transmitted Through the WLAN 802.11 a Protocol</u> revista: 13th International Conference on Communications (COMM) issn: isbn: 978-1-7281-5611-8 AnAparitie: 2020 nrAutori: 4 nivelProceedingISI: 0.25 https://ieeexplore.ieee.org/abstract/document/9141960	((25+30*0.25)/4)	8.125	https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM https://ieeexplore.ieee.org/abstract/document/9141960
		<u>titlu: SARMENTI: in-situ real-time soil nutrients and gaseous emission measurement</u> revista: 7TH INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING (EE&AE) ISBN 978-1-7281-0362-4 AnAparitie: 2020 nrAutori: 18 nivelProceedingISI: 0.25 https://ieeexplore.ieee.org/document/9278984	((25+30*0.25)/18)	1.805	WOS:000659299700026 https://drive.unitbv.ro/s/NjaJ9EDnREoe9ta https://ieeexplore.ieee.org/document/9278984
		<u>titlu: SDR-assisted device-to-device communication in radio-congested environments</u> revista: 2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn: isbn: 978-1-5090-4937-0 AnAparitie: 2017 nrAutori: 4 nivelProceedingISI: 0.75 https://ieeexplore.ieee.org/document/7986145	((25+30*0.75)/4)	11.875	T.Balan - ISI - pana in august 2018.pdf https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM



	<p><u>titlu:Securing the IoT gateway based on the hardware implementation of a multi pattern search algorithm</u> revista:<u>2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP)</u> issn: isbn:978-1-5090-4489-4 AnAparitie:2017 nrAutori:4 nivelProceedingISI:0.25 http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7963868</p>	((25+30*0.25)/4)	8.125	<u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<p><u>titlu:Reconfigurable platform for embedded systems teaching</u> revista:<u>Proceedings SIITME 2017</u> issn: isbn:978-1-5386-1626-0 AnAparitie:2017 nrAutori:4 nivelProceedingISI:0.25 http://siitme.ro/2017-edition/final-programme/</p>	((25+30*0.25)/4)	8.125	<u>T.Balan - ISI - pana in august 2018.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<p><u>titlu:Szekely, I. ; Balan, T. ; Sandu, F. ; Robu, D. ; Cserey, S. - Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6</u> revista:<u>Proceedings of the 11th International Conference on optimization of electrical and electronic equipment</u>, Brașov, vol. III, pp. 217-222 issn: isbn:978-973-131-032-9 AnAparitie:2008 nrAutori:5 nivelProceedingISI:0.25</p>	((25+30*0.25)/5)	6.5	<u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<p><u>titlu:F. Sandu, S. Cserey, I. Szekely, D. Robu, T. Balan - Simulation of an advanced mobile communication network</u> revista:<u>Proceedings of the 11th International Conference on optimization of electrical and electronic equipment</u>, Brașov, vol. III, pp. 223-230 issn: isbn:978-973-131-032-9 AnAparitie:2008 nrAutori:5 nivelProceedingISI:0.25</p>	((25+30*0.25)/5)	6.5	<u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<p><u>titlu:Semantic Data Aggregation in Heterogeneous Learning Environments</u> revista:<u>Proceedings of the 21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME) - Brasov, RO - Oct.2015</u> issn: isbn:978-1-5090-0332-7 AnAparitie:2015 nrAutori:3 nivelProceedingISI:0.25 http://siitme.ro/2015-edition/advanced-programme-brochure/</p>	((25+30*0.25)/3)	10.833	<u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<p><u>titlu:Ad-hoc Lab Computer Network Configuration using Remote Resources</u> revista:<u>Proceedings of the 21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME) - Brasov, RO - Oct.2015</u> issn: isbn:978-1-5090-0332-7 AnAparitie:2015 nrAutori:3 nivelProceedingISI:0.25 http://siitme.ro/2015-edition/advanced-programme-brochure/</p>	((25+30*0.25)/3)	10.833	<u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM



	<p><u>titlu:A Security Analysis on Standard IoT Protocols revista:2016 INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE) Book Series: International Conference on Applied and Theoretical Electricity issn:23764163 isbn:978-1-4673-8562-6 AnAparitie:2016 nrAutori:4 nivelProceedingISI:0.25</u></p> <p><u>titlu:Solutions for Deep Packet Inspection in Industrial Communications revista:2016 INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM 2016) Book Series: International Conference on Communications (ICC) Pages: 153-158 issn: isbn:978-1-4673-8197-0 AnAparitie:2016 nrAutori:4 nivelProceedingISI:0.25 www.comms.ro</u></p> <p><u>titlu:Contributions to Content-based Software Defined Networks revista:2016 INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM 2016) Book Series: International Conference on Communications (ICC) Pages: 159-162 issn: isbn:978-1-4673-8197-0 AnAparitie:2016 nrAutori:4 nivelProceedingISI:0.25 www.comms.ro</u></p> <p><u>titlu:Pattern Encryption with Cellular Automata - a LabVIEW implementation on FPGA revista:ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series: RoEduNet International Conference issn:20681038 isbn:978-1-4799-5860-2 AnAparitie:2014 nrAutori:5 nivelProceedingISI:0.25 http://conference.roedu.net/</u></p> <p><u>titlu:Mobile Communication Solutions for the Services in the Internet of Things revista:EXPLORJNG SERVICES SCIENCE (IESS 2016) Book Series: Lecture Notes in Business Information Processing Volume: 247 Pages: 619-632 issn:18651348 isbn:978-3-319-32689-4; 978-3-319-32688-7 AnAparitie:2016 nrAutori:4 nivelProceedingISI:0.25 www.springer.com/us/book/9783319326887</u></p> <p><u>titlu:Purple Team Security Assessment of Firmware Vulnerabilities revista:Online Engineering and Society 4.0 issn:978-3-030-82528-7 Data:2022 nrAutori:2 nivelProceedingISI:0.25 https://rev-conference.org/REV2021/ DOI:10.1007/978-3-030-82529-4_36</u></p> <p><u>titlu:Automated Testing of GUI Based Communication revista:Online Engineering and Society 4.0. REV 2021 issn:978-3-03 isbn:978-3-030-82528-7 Data:2022 nrAutori:4 nivelProceedingISI:0.25 https://rev-conference.org/REV2021/ DOI:10.1007/978-3-030-82529-4_37</u></p>	((25+30*0.25)/4)	8.125	<u>ISI Titus Balan Feb 2017 dovada.pdf</u> <u>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</u>
		((25+30*0.25)/5)	6.5	<u>ISI Titus Balan Feb 2017 dovada.pdf</u> <u>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</u>
		((25+30*0.25)/4)	8.125	<u>ISI Titus Balan Feb 2017 dovada.pdf</u> <u>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</u>
		((25+30*0.25)/2)	16.25	<u>PurpleTeam.jpg</u> <u>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</u> <u>https://link.springer.com/chapter/10.1007/978-3-030-82529-4_36</u>
		((25+30*0.25)/4)	8.125	<u>IMG-20230201-WA0009.jpg</u> <u>https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM</u>

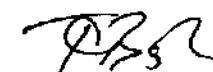
	<u>titlu: Automation of IoT Based Services Using Digital Twin revista:Online Engineering and Society 4.0. REV 2021 issn:978-3-03-030-82528-7 Data:2022 nrAutori:2 nivelProceedingISI:0.25 https://rev-conference.org/REV2021/ DOI:10.1007/978-3-030-82529-4_35</u>	((25+30*0.25)/2)	16.25	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_37 <u>Automation_of_IoT.jpg</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:Windows Communication Foundation Penetration Testing Methodology revista:2021 16TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES) issn: isbn:978-1-6654-4995-3 Data:2022 nrAutori:2 nivelProceedingISI:0.25 http://www.icemes.uoradea.ro/icemes2021/</u>	((25+30*0.25)/2)	16.25	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>Windows_Communication_Fondation_Pentesting.JPG</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:Noise pollution monitoring using mobile crowd sensing and SAP analytics revista:2021 16TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES) issn:978-1-66 isbn:978-1-6654-4995-3 Data:2022 nrAutori:3 nivelProceedingISI:0.25 http://www.icemes.uoradea.ro/icemes2021/</u>	((25+30*0.25)/3)	10.833	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>Noise_pollution_monitoring_ISI.JPG</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:Vulnerability Remediation in ICS Infrastructure based on Source Code Analysis revista:2020 19TH RoEduNet Conference issn:20681038 isbn:978-0-7381-1265-7 Data:2020 nrAutori:2 nivelProceedingISI:0.25 https://www.roedu.net/</u>	((25+30*0.25)/2)	16.25	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>Vulnerability_Remediation_RoEduNet_ISI.JPG</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:Assessment of Signal Jamming Efficiency Against LTE UAVs revista:Conference: 2018 12th International Conference on Communications (COMM) issn: isbn:978-1-5386-2350-3 AnAparitie:2018 nrAutori:4 nivelProceedingISI:0.25 https://ieeexplore.ieee.org/document/8484746</u>	((25+30*0.25)/4)	8.125	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>BalanTitus_Web_of_Science [v.5.31] - All_Databases_Results_January_2019.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:C.Costache, F.Sandu, T.Balan, A.Nedelcu, A.Covei - Business Integration of Industrial Communications with Cloud Computing revista:Proceedings of the 10th International Conference on Communications (COMM2014), Bucharest, Romania, May 29-31, 2014 issn: isbn: 978-1-4799-2385-4 AnAparitie:2014 nrAutori:5 nivelProceedingISI:0.25 www.comms.ro/comm2014</u>	((25+30*0.25)/5)	6.5	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM
	<u>titlu:R.Curpen, T.Balan, F.Sandu, C.Costache, C.Cerchez - Demonstrator for Voice Communication over LTE revista:Proceedings of the 10th International Conference on Communications (COMM2014), Bucharest, Romania, May 29-31, 2014 issn: isbn:978-1-4799-2385-4 AnAparitie:2014 nrAutori:5 nivelProceedingISI:0.25 www.comms.ro/comm2014</u>	((25+30*0.25)/5)	6.5	https://link.springer.com/chapter/10.1007/978-3-030-82529-4_35 <u>ISI_Titus_Balan_Feb_2017_dovada.pdf</u> https://drive.unitbv.ro/s/Jt8PrSDGoQt5ysM



60	2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:Simulation of an intelligent network - Basic call state model remote laboratory revista:Technische Berichte des Hasso-Plattner-Instituts fur Softwaresystemtechnik an der Universitat Potsdam Issue 21, 2008, Pages 51-56 BDII:Scopus issn:21911665 isbn:978-394079317-1 AnAparitie:2008 Autori:4 nivel:Neevaluat	(20/[4])	5	http://www.scopus.com/inward/record.url?eid=2-s2.0-84880278735&partnerID=MN8TOARS
		titlu:Service orientation in education intelligent networks for eLearning / mLearning revista:Technische Berichte des Hasso-Plattner-Instituts fur Softwaresystemtechnik an der Universitat Potsdam Issue 21, 2008, Pages 63-69 BDII:Scopus issn:21911665 isbn:978-394079317-1 AnAparitie:2008 Autori:4 nivel:Neevaluat	(20/[4])	5	http://www.scopus.com/inward/record.url?eid=2-s2.0-84880251955&partnerID=MN8TOARS
		titlu:Phishing as a Service Campaign using IDN Homograph Attack publica?ie:2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) BDII:IEEE Xplore issn:18420133 isbn:1842-0133 Data:2021 Autori:2 nivel:Neevaluat https://ieeexplore.ieee.org/document/9590028	(20/[2])	10	https://ieeexplore.ieee.org/document/9590028
		titlu:Sandbox Integrated Gateway for the Discovery of Cybersecurity Vulnerabilities publica?ie: https://conference/etc.upt.ro/isetc2022/ DOI:10.1109/ISETC56213.2022.10010327 BDII:IEEE Xplore issn:24757861 isbn:978-1-6654-5150-5 Data:2022 Autori:6 nivel:Neevaluat https://doi.org/10.1109/ISETC56213.2022.10010327	(20/[6])	3.333	Articole_BDI.pdf https://ieeexplore.ieee.org/document/10010327
		titlu:Security Scenarios Automation and Deployment in Virtual Environment using Ansible publica?ie:2022 14th International Conference on Communications (COMM) BDII:IEEE Xplore issn:978-1-6654-9485-4 Data:2022 Autori:4 nivel:Neevaluat https://ieeexplore.ieee.org/document/9817150/authors#authors	(20/[4])	5	 https://ieeexplore.ieee.org/document/9817150/authors#authors
		titlu:Network Automation and Abstraction using Python Programming Methods revista:Proceedings Macro 2017 De Gruyter BDII:DBLP issn:22470948 isbn:2247-0948 AnAparitie:2017 Autori:4 nivel:Neevaluat https://www.degruyter.com/dg/view/article/1\$002fmacro.2017.2.issue-1\$002fmacro-2017-0011\$002fmacro-2017-001.xml	(20/[4])	5	 https://dblp.uni-trier.de/pers/hd/b/Balan.Titus

		<p><u>titlu</u>: An analysis of the video capabilities of multiple antenna LTE networks <u>revista</u>: Proceedings Macro 2017 BDII:DBLP issn: isbn:978-973-1970-39-4 <u>AnAparitie</u>: 2017 <u>Autori</u>: 4 nivel: https://www.degruyter.com/downloadpdf/j/macro.2017.2.issue-1/macro-2017-0010/macro-2017-0010.pdf</p>	(20*[4])	5	<p>https://dblp.uni-trier.de/pers/hd/b/Balan/Titus</p>
		<p><u>titlu</u>: Sandu F., Csereny Sz., Balan T.C., Romanca M., Simulation-based UMTS e-Learning Software <u>revista</u>: Proceedings of the 1st ACM International Conference on Pervasive Technologies Related to Assistive Environments, PETRA 2008, Athens, Greece BDII: issn: isbn: 978-1-60558-067-8 <u>AnAparitie</u>: 2008 <u>Autori</u>: 4 nivel: http://www.petrae.org/docs/Petra08_program.pdf</p>	(20*[4])	5	<p>a2-20-Scopus - Results -Petra.pdf</p>
		<p><u>titlu</u>: SARMENTI: Smart multisensor embedded and secure system for soil nutrient and gaseous emission monitoring <u>revista</u>: Smart Systems Integration; 13th International Conference and Exhibition on Integration Issues of Miniaturized Systems issn: isbn: 978-3-8007-4919-5 <u>AnAparitie</u>: 2019 <u>nrAutori</u>: 18 nivel <u>ProceedingISI</u>: 0.25 https://ieeexplore.ieee.org/abstract/document/8727801</p>	(20*[18])	1.111	<p>https://ieeexplore.ieee.org/abstract/document/8727801</p>
		<p>Phishing as a Service Campaign using IDN Homograph Attack, Published in: 2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), ISBN: 978-1-6654-0298-9</p>	(20*[2])	10	<p>https://ieeexplore.ieee.org/document/9590028</p>
		<p><u>titlu</u>: Enhanced Resource Management for Web Based Thin Clients Using Cross-Platform Progressive Offline Capabilities <u>revista</u>: Enhanced Resource Management for Web Based Thin Clients Using Cross-Platform Progressive Offline Capabilities issn: 18678211 isbn: 978-3-030-25747-7 <u>AnAparitie</u>: 2019 <u>nrAutori</u>: 5 nivel <u>ProceedingISI</u>: 0.75 https://URL.springer.com/chapter/10.1007/978-3-030-25748-4_27</p>	(20*[5])	4	<p>Springer-CrownCom.jpg https://drive.unibv.ro/s/PZJsfGyzw94tgL8 https://link.springer.com/chapter/10.1007/978-3-030-25748-4_27</p>
		<p>Cazacu, V., Iuga, L., Balan, T. and Sandu, F., 2011, June. Distributed real-equipment testing for the mobile communications services. In 2011 RoEduNet International Conference 10th Edition: Networking in Education and Research (pp. 1-6). IEEE.</p>	(20*[4])	5	<p>https://ieeexplore.ieee.org/abstract/document/5993683</p>
70	2.3.1	Proprietate intelectuala, brevete de inventie, certificate ORDA - internationale			
80	2.3.2	Proprietate intelectuala, brevete de inventie, certificate ORDA - nationale			
90	2.4.1.1	<p>Granturi/proiecte castigate prin competitie internationala ca Director/responsabil</p> <p>Descriere</p> <p><u>titlu</u>: Fulbright Commission CS07 - Minigrant offer for cybersecurity-oriented program development perioada: 20222023 finantator: The Polish-US Fulbright Commission NrContract:CS07 NrAniDerulare:1</p>	Formula Calcul	Punctaj	Dovada
			(20*[1])	20	<p>Fulbright_minigrant_contract #07 - signed .pdf</p>

		titlu: SARMENTI - Smart multisensor embedded and secure system for soil nutrient and gaseous emission monitoring perioada:20192021 finantator:H2020-ICT-2018-2020 NrContract:825325 — SARMENTI NrAniDerulare:4	(20*[4])	80	<u>H2020-ICT-2018-2020_SARMENTI_Titus_Balan.pdf</u> <u>Amendment SARMENTI extension- AMD-825325-4.pdf</u>
		titlu:Voice Over IP Capability for NATO Wide Secure Voice Services perioada:2016 finantator:NCIA - Nato Communication and Information Agency - NCIA NrContract:RFQ-C0-14137-VOSIP NrAniDerulare:1	(20*[1])	20	<u>Balan Proiect NATO VOSIP.pdf</u> <u>https://www.ncia.nato.int/Industrv/Documents/1%20May%202016-31%20May%202016.pdf</u>
		titlu:EGSE for Small Sat - A Baseline Verification and Validation perioada:20182019 finantator:ESA - European Space Agency NrContract:ESA AO 1-8856/16/NL/CB1 NrAniDerulare:1	(20*[1])	20	<u>European Space Agency - Romanian Incentive Scheme - EGSEforSmallSat_BalanT_dovada.pdf</u>
		titlu:Google Cybersecurity Seminars perioada:20242026 finantator:Google.org via Google Charitable Fund NrContract:Grant #: 2024-348639 (6320) GB-1616155 NrAniDerulare:3	(20*[3])	60	Sursa de finanțare – cod proiect: Google.org via Silicon Valley Community Foundation <u>https://drive.unitbv.ro/s/eBRNj4snFSW8KYj</u>
100	2.4.1.2	Granturi/proiecte castigate prin competitie nationala ca Director/responsabil			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:UEFISCDI PNIII Solutii - Contract 37SOL/2021, acronim ODIN112 perioada:20212023 finantator:UEFISCDI NrContract:37SOL/2021 NrAniDerulare:2	(10*[2])	20	<u>Acord de parteneriat (semnat) BalanT responsabil partener_1.pdf</u>
		titlu:UEFISCDI Solutii 26 perioada:20242026 finantator:UEFISCDI NrContract:26Sol(T26)/02.10.2024 NrAniDerulare:3	(10*[2])	20	<u>https://drive.unitbv.ro/s/7EZKmwWovdwrtHY</u>
110	2.4.2.1	Granturi/proiecte castigate prin competitie internationala - membru in echipa			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:M. Alexandru (membru in Management Committee), T. Balan (membru suplicant in Management Committee), COST Action CA15104 – “Inclusive Radio Communication Networks for 5G and beyond (IRACON) perioada:20162020 finantator:COST ACTION CA15104 COST SUPPORTED BY THE EU FRAMEWORK PROGRAMME HORIZON 2020 NrContract:CA15104 NrAniDerulare:4	(4*[4])	16	
					<u>https://www.cost.eu/actions/CA15104/#tabs Name:management-committee</u>
		titlu:COST Action CA19121 - Network on Privacy-Aware Audio- and Video-Based Applications for Active and Assisted Living perioada:20202024 finantator:EU-COST European Cooperation in Science and Technology NrContract:CA19121 NrAniDerulare:4	(4*[4])	16	<u>Action CA19121 - COST.pdf</u> <u>Titus Balan - Membru supleant in comitetul de management al actiunii COST reprezentand UNITBV</u>



		titlu:FP7 Project 4WARD - Architecture and Design for the Future Internet perioada:20082010 finantator:Uniunea Europeana NrContract:NrContract:216041 NrAniDerulare:3	(4*[3])	12	<u>4WARD_echipa_Siemens_PSE_Romania.doc</u>
		titlu:Valorisation of an Experiment-based Training System through a Transnational Network Development – VETTREND perioada:20062008 finantator:Agentia Leonardo da Vinci NrContract:NrContract:RO/06/B/F/NT 175014/2006 NrAniDerulare:3	(4*[3])	12	<u>Dovada_VETTREND.docx</u>
120	2.4.2.2	Granturi/proiecte castigate prin competitie nationala - membru in echipa			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:Program multi-regional de studii masterale in domeniul e-Aktivitatii eSTART perioada:20102013 finantator:Guvernul Romaniei NrContract:POSDRU /86/1.2/S/54956 NrAniDerulare:3	(2*[3])	6	<u>a2-35-dovezi_estart.pdf</u>
130	3.1.1	Citari in carti, reviste si volume ale unor manifestari stiintifice - ISI			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlucitat:Network policy function virtualization via SDN and packet processing issncitat:20694733 titlu:Network function virtualization: State-of-the-art and research challenges revista:IEEE Communications Surveys & Tutorials, Volume: 18 (2015), Issue: 1 (indexata ISI: http://www.comsoc.org/cst/indexing) issnciteaza:1553-877X AnAparitie:2015 nrAutori:1 zonaCitare:2 http://ieeexplore.ieee.org/document/7243304	(8/[1]*[2])	16	
					<u>WOS:000370521600013</u>
		titlucitat:Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:18420133 titlu:SDN-enabled converged networks revista:IEEE Wireless Communications issnciteaza:1536-1284 AnAparitie:2014 nrAutori:5 zonaCitare:1 http://ieeexplore.ieee.org/abstract/document/7000975/	(8/[5]*[1])	1.6	<u>Citari_Balan_T - Optimization of_GSM.docx</u>
					<u>WOS:000347382300013</u>
		titlucitat:LISP Optimisation of Mobile Data Streaming in Connected Societies issncitat:1574017X titlu:Quality-of-experience parameter estimation for multisensorial media using Particle Swarm Optimization revista:2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Int'l Aegean Conference on Electrical Machines and Power Electronics (ACEMP) issn: https://ieeexplore.ieee.org/abstract/document/7975095/references?ctx=references#r eferences	(8/[3]*[1])	2.666	

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				<u>WOS:000426909600150</u> https://ieeexplore.ieee.org/abstract/document/7975095/references?ctx=references#references
	<u>titlu: A security analysis on standard IoT protocols issncitat:978-1-46</u> <u>titlu: Standards for Communications and Networking (CSCN). 2017 IEEE Conference on titlu: Securing the IoT world: Issues and perspectives revista: 2017 IEEE Conference on Standards for Communications and Networking (CSCN)</u> <u>issnciteaza:978-1-5386-3070-9 AnAparitie:2017 nrAutori:4 zonaCitare:1</u> <u>https://ieeexplore.ieee.org/abstract/document/8088629</u>	(8/[4]*[1])	2	<u>Citare Balan Security analysis.docx</u> <u>WOS:000417425200041</u>
	<u>titlu: A security analysis on standard IoT protocols issncitat:978-1-53 titlu: IoT Security: ZWave and Thread revista: 2018 IEEE Green Technologies Conference (GreenTech) issnciteaza:978-1-5386-5183-4 AnAparitie:2018 nrAutori:4 zonaCitare:1</u> <u>https://ieeexplore.ieee.org/document/8373623</u>	(8/[4]*[1])	2	 <u>WOS:000445102200031</u> <u>https://ieeexplore.ieee.org/document/8373623</u>
	<u>titlu: A security analysis on standard IoT protocols issncitat:978-1-46</u> <u>titlu: Evaluating Critical Security Issues of the IoT World: Present and Future Challenges revista: IEEE Internet of Things Journal issnciteaza:2327-4662</u> <u>AnAparitie:2017 nrAutori:4 zonaCitare:2</u> <u>https://ieeexplore.ieee.org/document/8086136</u>	(8/[4]*[2])	4	 <u>WOS:000441428700024</u> <u>https://ieeexplore.ieee.org/document/8086136</u>
	<u>titlu: A security analysis on standard IoT protocols issncitat:978-1-46 titlu: Thread: An IoT Protocol revista: 018 IEEE Green Technologies Conference (GreenTech)</u> <u>issnciteaza:978-1-5386-5183-4 AnAparitie:2018 nrAutori:4 zonaCitare:1</u> <u>https://ieeexplore.ieee.org/abstract/document/8373620</u>	(8/[4]*[1])	2	 <u>WOS:000445102200028</u> <u>https://ieeexplore.ieee.org/abstract/document/8373620</u>
	<u>titlu: LISP Optimisation of Mobile Data Streaming in Connected Societies issncitat:1574017X titlu: Programmable Overlays via OpenOverlayRouter revista: IEEE Communications Magazine issnciteaza:0163-6804 AnAparitie:2017 nrAutori:4 zonaCitare:2 https://ieeexplore.ieee.org/abstract/document/7945850</u>	(8/[4]*[2])	4	 <u>WOS:000403536100005</u> <u>https://ieeexplore.ieee.org/abstract/document/7945850</u>
	<u>titlu: T. Balan, Network policy function virtualization via SDN and packet processing issncitat:18429238 titlu: Peer control solutions for improving LTE access networks revista: 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP) issnciteaza:978-1-5090-4489-4</u> <u>AnAparhttps://ieeexplore.ieee.org/abstract/document/7975092</u>	(8/[1]*[1])	8	 

					<u>WOS:000426909600147</u> <u>https://ieeexplore.ieee.org/abstract/document/7975092/references#references</u>
		<u>titlu</u> <u>icitat</u> :Using CCDF statistics for characterizing the radiated power dynamics in the near field of a mobile phone operating in 3G+and 4G+communication standards <u>issncitat</u> :02632241 <u>titlu</u> :Learning from Routing Information for Detecting Routing Misbehavior in Ad Hoc Networks <u>revista</u> :Sensors <u>issnciteaza</u> :1424-8220 <u>AnAparitie</u> :2020 <u>nrAutori</u> :6 <u>zonaCitare</u> :2 <u>https://www.mdpi.com/1424-8220/20/21/6275</u>	(8/[6]*[2])	2.666	<u>WOS:000589304100001</u>
		<u>titlu</u> <u>icitat</u> :Using CCDF statistics for characterizing the radiated power dynamics in the near field of a mobile phone operating in 3G+and 4G+communication standards <u>issncitat</u> :02632241 <u>titlu</u> :An SDR-Based Satellite Gateway for Internet of Remote Things (IoRT) Applications <u>revista</u> :IEEE ACCESS <u>issnciteaza</u> :2169-3536 <u>AnAparitie</u> :2020 <u>nrAutori</u> :6 <u>zonaCitare</u> :2 <u>https://ieeexplore.ieee.org/document/9123390</u>	(8/[6]*[2])	2.666	<u>WOS:000547564100001</u>
		<u>titlu</u> <u>icitat</u> :Securing the IoT Gateway based on the Hardware Implementation of a Multi Pattern Search Algorithm <u>issncitat</u> :978-1-50 <u>titlu</u> :Progressive researches on IoT security: An exhaustive analysis from the perspective of protocols, vulnerabilities, and preemptive architectonics <u>revista</u> :JOURNAL OF NETWORK AND COMPUTER APPLICATIONS <u>issnciteaza</u> :1084-8045 <u>AnAparitie</u> :2020 <u>nrAutori</u> :4 <u>zonaCitare</u> :2 <u>https://www.sciencedirect.com/science/article/abs/pii/S1084804520302356</u>	(8/[4]*[2])	4	<u>WOS:000573216600001</u>
		<u>titlu</u> <u>icitat</u> :Securing the IoT Gateway based on the Hardware Implementation of a Multi Pattern Search Algorithm <u>issncitat</u> :978-1-50 <u>titlu</u> :A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures <u>revista</u> :IEEE ACCESS <u>issnciteaza</u> :2169-3536 <u>AnAparitie</u> :2019 <u>nrAutori</u> :4 <u>zonaCitare</u> :2 <u>https://ieeexplore.ieee.org/document/8742551</u>	(8/[4]*[2])	4	<u>WOS:000475885400001</u>
		<u>titlu</u> <u>icitat</u> :Securing the IoT Gateway based on the Hardware Implementation of a Multi Pattern Search Algorithm <u>issncitat</u> :978-1-50 <u>titlu</u> :5G NB-IoT: Efficient Network Traffic Filtering for Multitenant IoT Cellular Networks <u>revista</u> :SECURITY AND COMMUNICATION NETWORKS <u>issnciteaza</u> :1939-0114 <u>AnAparitie</u> :2018 <u>nrAutori</u> :4 <u>zonaCitare</u> :1 <u>https://www.hindawi.com/journals/scn/2018/9291506/</u>	(8/[4]*[1])	2	<u>WOS:000460437100001</u>

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	<u>titlu</u> : <u>Assessment of Signal Jamming Efficiency against LTE UAVs</u> <u>issncitat</u> : <u>15503607</u> <u>titlu</u> : <u>Surveying pervasive public safety communication technologies in the context of terrorist attacks</u> <u>revista</u> : <u>PHYSICAL COMMUNICATION</u> <u>issnciteaza</u> : <u>1874-4907</u> <u>AnAparitie</u> : <u>2020</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>1</u> <u>https://www.sciencedirect.com/science/article/pii/S1874490720301853</u>	(8/[4]*[1])	2	
	<u>WOS</u> : <u>000540750200024</u>			
	<u>titlu</u> : <u>Assessment of Signal Jamming Efficiency against LTE UAVs</u> <u>issncitat</u> : <u>15503607</u> <u>titlu</u> : <u>Leveraging Jamming to Help Drones Complete Their Mission</u> <u>revista</u> : <u>IEEE ACCESS</u> <u>issnciteaza</u> : <u>2169-3536</u> <u>AnAparitie</u> : <u>2020</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>2</u> <u>https://ieeexplore.ieee.org/document/8945330</u>	(8/[4]*[2])	4	
	<u>WOS</u> : <u>000549787600001</u>			
	<u>titlu</u> : <u>Assessment of Signal Jamming Efficiency against LTE UAVs</u> <u>issncitat</u> : <u>15503607</u> <u>titlu</u> : <u>JAM-ME: Exploiting Jamming to Accomplish Drone Mission</u> <u>revista</u> : <u>2019 IEEE CONFERENCE ON COMMUNICATIONS AND NETWORK SECURITY (CNS)</u> <u>issnciteaza</u> : <u>2474-025X</u> <u>AnAparitie</u> : <u>2019</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>1</u> <u>https://ieeexplore.ieee.org/document/8802717?denied=</u>	(8/[4]*[1])	2	
	<u>WOS</u> : <u>000502733200012</u>			
	<u>titlu</u> : <u>A Security Analysis on Standard IoT Protocols</u> <u>issncitat</u> : <u>23764163</u> <u>titlu</u> : <u>Survey on Security in Autonomous Cars</u> <u>revista</u> : <u>ICCCCE 2018</u> <u>issnciteaza</u> : <u>1876-1100</u> <u>AnAparitie</u> : <u>2018</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>1</u> <u>https://URL.springer.com/chapter/10.1007/978-981-13-0212-1_64</u>	(8/[4]*[1])	2	
	<u>WOS</u> : <u>000465012200064</u>			
	<u>titlu</u> : <u>A Security Analysis on Standard IoT Protocols</u> <u>issncitat</u> : <u>23764163</u> <u>titlu</u> : <u>Lightweight multi-factor mutual authentication protocol for IoT devices</u> <u>revista</u> : <u>INTERNATIONAL JOURNAL OF INFORMATION SECURITY</u> <u>issnciteaza</u> : <u>1615-5262</u> <u>AnAparitie</u> : <u>2020</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>2</u> <u>https://URL.springer.com/article/10.1007/s10207-019-00484-5</u>	(8/[4]*[2])	4	
	<u>WOS</u> : <u>000541938600001</u>			
	<u>titlu</u> : <u>A Security Analysis on Standard IoT Protocols</u> <u>issncitat</u> : <u>23764163</u> <u>titlu</u> : <u>Using SMS for Communication with IoT Devices</u> <u>revista</u> : <u>MOBILE NETWORKS & APPLICATIONS</u> <u>issnciteaza</u> : <u>1383-469X</u> <u>AnAparitie</u> : <u>2020</u> <u>nrAutori</u> : <u>4</u> <u>zonaCitare</u> : <u>2</u> <u>https://URL.springer.com/article/10.1007/s11036-020-01520-8</u>	(8/[4]*[2])	4	
	<u>WOS</u> : <u>000516481000001</u>			
	<u>titlu</u> : <u>Semantic Data Aggregation in Heterogeneous Learning Environments</u> <u>issncitat</u> : <u>2641287X</u> <u>titlu</u> : <u>Using Semantic Web for Internet of Things Interoperability: A Systematic Review</u> <u>revista</u> : <u>INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS</u> <u>issnciteaza</u> : <u>1552-6283</u> <u>AnAparitie</u> : <u>2018</u> <u>nrAutori</u> : <u>3</u> <u>zonaCitare</u> : <u>1</u> <u>https://dl.acm.org/doi/abs/10.4018/IJSWIS.2018100108</u>	(8/[3]*[1])	2.666	
	<u>WOS</u> : <u>000456203600008</u>			



	<p><u>titlu</u>: Semantic Data Aggregation in Heterogeneous Learning Environments <u>issncitat</u>: 2641287X <u>titlu</u>: Extending Linux Controllability of Bluetooth Low Energy Devices in the IoT <u>revista</u>: 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) <u>issnciteaza</u>: 978-1-5090-4489-4 <u>An</u>https://ieeexplore.ieee.org/abstract/document/7975080</p>	(8/[3]*[1])	2.666	
				<u>WOS:000426909600135</u>
	<p><u>titlu</u>: Semantic Data Aggregation in Heterogeneous Learning Environments <u>issncitat</u>: 2641287X <u>titlu</u>: A systematic literature review on Internet of things in education: Benefits and challenges <u>revista</u>: JOURNAL OF COMPUTER ASSISTED LEARNING <u>issnciteaza</u>: 0266-4909 <u>An</u>Aparitie: 2019 nrAutori: 3 zonaCitare: 2 https://onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12383</p>	(8/[3]*[2])	5.333	
				<u>WOS:000495749700001</u>
	<p><u>titlu</u>: Smart Multi-Sensor Platform for Analytics and Social Decision Support in Agriculture <u>issncitat</u>: 14248220 <u>titlu</u>: Dual-Polarized Multi-Channel 24 GHz Radar Sensor Antenna for High Channel-to-Channel Isolation <u>revista</u>: SENSORS <u>issnciteaza</u>: 1424-8220 <u>An</u>Aparitie: 2020 nrAutori: 8 zonaCitare: 2 https://www.mdpi.com/1424-8220/20/18/5233</p>	(8/[8]*[2])	2	
				<u>WOS:000579967700001</u>
	<p><u>titlu</u>: Multihoming for Mobile Internet of Multimedia Things <u>issncitat</u>: 1574017X <u>titlu</u>: An efficient framework for data aggregation in smart agriculture <u>revista</u>: CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE <u>issnciteaza</u>: 1532-0626 <u>An</u>Aparitie: 2020 nrAutori: 3 zonaCitare: 1 https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6160</p>	(8/[3]*[1])	2.666	
				<u>WOS:000601890900001</u>
	<p><u>titlu</u>: Multihoming for Mobile Internet of Multimedia Things <u>issncitat</u>: 1574017X <u>titlu</u>: QoS Strategies for Wireless Multimedia Sensor Networks in the Context of IoT at the MAC Layer, Application Layer, and Cross-Layer Algorithms <u>revista</u>: JOURNAL OF COMPUTER NETWORKS AND COMMUNICATIONS <u>issnciteaza</u>: 2090-7141 <u>An</u>Aparitie: 2019 nrAutori: 3 zonaCitare: 1 https://www.hindawi.com/journals/jcn/2019/9651915/</p>	(8/[3]*[1])	2.666	
				<u>WOS:000507269800002</u>
	<p><u>titlu</u>: Multihoming for Mobile Internet of Multimedia Things <u>issncitat</u>: 1574017X <u>titlu</u>: A distributed multi-layer MEC-cloud architecture for processing large scale IoT-based multimedia applications <u>revista</u>: MULTIMEDIA TOOLS AND APPLICATIONS <u>issnciteaza</u>: 1380-7501 <u>An</u>Aparitie: 2019 nrAutori: 3 zonaCitare: 2 https://URL.springer.com/article/10.1007/s11042-018-7049-3</p>	(8/[3]*[2])	5.333	
				<u>WOS:000482419900044</u>



	<u>titlu</u> <u>citat</u> :SDR Implementation of a D2D Security Cryptographic Mechanism <u>issncitat</u> :21693536 <u>titlu</u> :Learning from Routing Information for Detecting Routing Misbehavior in Ad Hoc Networks <u>revista</u> :SENSORS <u>issnciteaza</u> :1424-8220 <u>AnAparitie</u> :2020 <u>nrAutori</u> :3 <u>zonaCitare</u> :2 https://www.mdpi.com/1424-8220/20/21/6275	(8/[3]*[2])	5.333	
	<u>WOS</u> :000589304100001			
	<u>titlu</u> <u>citat</u> :SDR Implementation of a D2D Security Cryptographic Mechanism <u>issncitat</u> :21693536 <u>titlu</u> :An SDR-Based Satellite Gateway for Internet of Remote Things (IoRT) Applications <u>revista</u> :IEEE ACCESS <u>issnciteaza</u> :2169-3536 <u>AnAparitie</u> :2020 <u>nrAutori</u> :3 <u>zonaCitare</u> :2 https://ieeexplore.ieee.org/document/9123390	(8/[3]*[2])	5.333	
	<u>WOS</u> :000547564100001			
	<u>titlu</u> <u>citat</u> :Solutions for Deep Packet Inspection in Industrial Communications <u>issncitat</u> :978-1-46 <u>titlu</u> :MQTTset, a New Dataset for Machine Learning Techniques on MQTT <u>revista</u> :SENSORS <u>issnciteaza</u> :1424-8220 <u>AnAparitie</u> :2020 <u>nrAutori</u> :4 <u>zonaCitare</u> :2 https://www.mdpi.com/1424-8220/20/22/6578	(8/[4]*[2])	4	
	<u>WOS</u> :000594545500001			
	<u>titlu</u> <u>citat</u> :Contributions to Content-based Software Defined Networks <u>issncitat</u> :978-1-46 <u>titlu</u> :An Improved Method to Deploy Cache Servers in Software Defined Network-based Information Centric Networking for Big Data <u>revista</u> :JOURNAL OF GRID COMPUTING <u>issnciteaza</u> :1570-7873 <u>AnAparitie</u> :2019 <u>nrAutori</u> :4 <u>zonaCitare</u> :2 https://URL.springer.com/article/10.1007/s10723-019-09477-z	(8/[4]*[2])	4	
	<u>WOS</u> :000472576800005			
	<u>titlu</u> <u>citat</u> :Multihoming for Mobile Internet of Multimedia Things <u>issncitat</u> :1574017X <u>titlu</u> :Towards a Generalized Approach for Deep Neural Network Based Event Processing for the Internet of Multimedia Things <u>revista</u> : IEEE Access <u>issnciteaza</u> :2169-3536 <u>AnAparitie</u> :2018 <u>nrAutori</u> :3 <u>zonaCitare</u> :2 https://ieeexplore.ieee.org/document/8331844	(8/[3]*[2])	5.333	
	<u>WOS</u> :000433621900001			
	<u>titlu</u> <u>citat</u> :Semantic data aggregation in heterogeneous learning environments <u>issncitat</u> :978-1509 <u>titlu</u> :Increasing students interest by encouraging them to create original lab projects <u>revista</u> :TEM Journal <u>issnciteaza</u> :22178309 <u>AnAparitie</u> :2017 <u>nrAutori</u> :3 <u>zonaCitare</u> :1 http://www.temjournal.com/content/64/TemJournalNovember2017_653_659.pdf	(8/[3]*[1])	2.666	
	<u>WOS</u> :000417432500002			
	<u>titlu</u> <u>citat</u> :Network policy function virtualization via SDN and packet processing <u>issncitat</u> :20694733 <u>titlu</u> :Communication Solutions for Power Measurement in the Cloud <u>revista</u> :2018 12TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) <u>issnciteaza</u> :978-1-5090-4489-4 <u>AnAparitie</u> :2018 <u>nrAutori</u> :1 <u>zonaCitare</u> :1 https://ieeexplore.ieee.org/abstract/document/7975092	(8/[1]*[1])	8	
	<u>WOS</u> :000449526000075			



	<p><u>titluCitat:IoT diagnostics for connected cars issncitat:20694733 titlu:Towards Internet of Things and Cloud Computing for Management of Cars Network</u> <u>revista:ADVANCES IN INTERNET, DATA & WEB TECHNOLOGIES</u> <u>issnciteaza:978-3-319-75928-9 AnAparitie:2018 nrAutori:3 zonaCitare:1</u> https://URL.springer.com/chapter/10.1007/978-3-319-75928-9_56</p>	(8/[3]*[1])	2.666	
<u>WOS:000453042300056</u>				
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Internet of Things for System Integrity: A Comprehensive Survey on Security, Attacks and Countermeasures for Industrial Applications Publica?ie:Sensors - MDPI Data:2021 nrAutori:4 zonaCitare:2</u> https://www.mdpi.com/1424-8220/21/11/3654</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:A Comprehensive Study on Critical Security Issues and Challenges of the IoT World Publica?ie:Journal of Data, Information and Management Data:2020 nrAutori:4 zonaCitare:2</u> https://link.springer.com/article/10.1007/s42488-020-00030-2</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Lightweight multi-factor mutual authentication protocol for IoT devices Publica?ie:Journal of Data, Information and Management Data:2020 nrAutori:4 zonaCitare:2</u> https://link.springer.com/article/10.1007/s10207-019-00484-5</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Biomedical IoT: Enabling Technologies, Architectural Elements, Challenges, and Future Directions</u> <u>Publica?ie:IEEE Access Data:2022 nrAutori:4 zonaCitare:2</u> https://ieeexplore.ieee.org/abstract/document/9733908</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Environmental Risk Assessment and Management in Industry 4.0: A Review of Technologies and Trends</u> <u>Publica?ie:Machines - MDPI Data:2022 nrAutori:4 zonaCitare:2</u> https://www.mdpi.com/2075-1702/10/8/702</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Hybrid and Adaptive Cryptographic-based secure authentication approach in IoT based applications using hybrid encryption Publica?ie:Pervasive and Mobile Computing Data:2022 nrAutori:4 zonaCitare:2</u> https://www.sciencedirect.com/science/article/abs/pii/S1574119222000086</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>



	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Securing Communication between Fog Computing and IoT Using Constrained Application Protocol (CoAP): A Survey Publica?ie:Journal of Communications Vol. 15, No. 1, January 2020 Data:2020 nrAutori:4 zonaCitare:2</u> https://www.researchgate.net/profile/Fahd-Al-Haidari/publication/338223269_Securing_Communication_between_Fog_Computing_and_IoT_Using_Constrained_Application_Protocol_CoAP_A_Survey/links/5e08a5a1a6fdcc28374724d9/Securing-Communication-between-Fog-Computing-and-IoT-Using-Constrained-Application-Protocol-CoAP-A-Survey.pdf</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Individual Environmental Risk Assessment and Management in Industry 4.0: An IoT-Based Model Publica?ie:Applied System Innovation Data:2022 nrAutori:4 zonaCitare:2</u> https://www.mdpi.com/2571-5577/5/5/88</p>	(8/[4]*[2])	4	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Security Challenges and Solutions of IoT Ecosystem Publica?ie:Information and Communication Technology for Sustainable Development Data:2019 nrAutori:4 zonaCitare:1</u> https://link.springer.com/chapter/10.1007/978-981-13-7166-0_25</p>	(8/[4]*[1])	2	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Integration of IoT Equipment as Transactional Endorsing Peers over a Hyperledger-Fabric Blockchain Network: Feasibility Study Publica?ie:International Conference on Applied Technologies Data:2020 nrAutori:4 zonaCitare:1</u> https://link.springer.com/chapter/10.1007/978-3-030-42517-3_8</p>	(8/[4]*[1])	2	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report1.pdf</u>
	<p><u>titluCitat:A security analysis on standard IoT protocols titlu:Comparative study among constrained application protocol eXtensible messaging, and presence protocol of IoT Publica?ie:Indonesian Journal of Electrical Engineering and Computer Science Data:2022 nrAutori:4 zonaCitare:1</u> https://www.researchgate.net/profile/Ashraf-Gouda-2/publication/362659143_Comparative_study_among_constrained_application_protocol_eXtensible_messaging_and_presence_protocol_of_IoT/links/62f6e26ac6f6732999c822bd/Comparative-study-among-constrained-application-protocol-eXtensible-messaging-and-presence-protocol-of-IoT.pdf</p>	(8/[4]*[1])	2	<u>A security analysis on standard IoT protocols - Google Scholar Citation Report2.pdf</u>

		<p><u>titluCitat:Artificial intelligence for the prediction of exhaust back pressure effect on the performance of diesel engines</u> titlu:<u>Automated high-throughput genome editing platform with an AI learning in situ prediction model</u> Publica?ie:<u>Nature Communications</u> Data:2022 nrAutori:3 zonaCitare:2 https://www.nature.com/articles/s41467-022-35056-0</p> <p><u>titluCitat:Artificial intelligence for the prediction of exhaust back pressure effect on the performance of diesel engines</u> titlu:<u>Developing Machine Learning-Based Intelligent Control System for Performance Optimization of Solar PV-Powered Refrigerators</u> Publica?ie:<u>Sustainability - MDPI</u> Data:2023 nrAutori:3 zonaCitare:2 https://www.mdpi.com/2071-1050/15/8/6911</p> <p><u>titluCitat:Artificial intelligence for the prediction of exhaust back pressure effect on the performance of diesel engines</u> titlu:<u>Sequence motifs and prediction model of GBE editing outcomes based on target library analysis and machine learning</u> Publica?ie:<u>I Genet Genomics</u> Data:2022 nrAutori:3 zonaCitare:2 https://pubmed.ncbi.nlm.nih.gov/34863920/</p> <p><u>titluCitat:Artificial intelligence for the prediction of exhaust back pressure effect on the performance of diesel engines</u> titlu:<u>Effects of exhaust backpressure increment on the performance and exhaust emissions of a single cylinder diesel engine</u> Publica?ie:<u>Journal of ETA Maritime Science</u> Data:2020 nrAutori:3 zonaCitare:1 https://ag.journalagent.com/z4/download_fulltext.asp?pdin=jems&plng=eng&un=JEM S-25582</p> <p>Conform cu ISI Web of Science Citation Report pentru autorul Titus Balan, există 82 de citări ISI, dintre care doar 50 au fost raportate. Estimarea este că punctajul la categoria A.3.1.1 ar fi considerabil mai ridicat în cazul în care aceste citări ar fi raportate/calculate.</p>	(8/[3]*[2])	5.333	<u>Citari Artificial intelligence for the prediction Google Scholar.pdf</u>
		TOTAL A3.1.1		192.924	
140	3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI			
		Descriere	Formula Calcul	Punctaj	Dovada

	<u>titlucitat:Simulation of an advanced mobile communication network issncitat:978-0-49</u> <u>titlu:Modeling of radio access application protocols for mobile network traffic generation revista:spectrum.library.concordia.ca issnciteaza:978-0-494-63199-7</u> <u>AnAparitie:2008 nrAutori:4 http://spectrum.library.concordia.ca/976254/</u>	(4/[4])	1	<u>Citari Titus Balan.docx</u>
	<u>titlucitat:Simulation of an advanced mobile communication network issncitat:15301346 titlu:Radio Access Network Traffic Generation for Mobile Switching Center revista:Computers and Communications. 2009. ISCC 2009. IEEE Symposium on issnciteaza:978-1-4244-4671-1 AnAparitie:2009 nrAutori:4 http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5202321&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxp%2Fabs_all.jsp%3Farmnumber%3D5202321</u>	(4/[4])	1	<u>Citari Titus Balan.docx</u>
	<u>titlucitat:Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:46660050 titlu:Optimizing the Traffic of Voice Core Domain in UMTS Network through RNC Re-homing revista:Research, Practice, and Educational Advancements in Telecommunications and Networking issnciteaza:978-1-4666-0050-8 AnAparitie:2012 nrAutori:5 https://books.google.at/books?hl=en&lr=&id=lp_ySC55HoC&oi=fnd&pg=PA227&ots=9-RkXlz_iC&sig=go8wd24xb_xVyQ8G9g-TcvBDgvc&redir_esc=y#v=onepage&q=&f=false</u>	(4/[5])	0.8	<u>Citari Titus Balan.docx</u>
	<u>titlucitat:The impact of cell site re-homing on the performance of umts core networks issncitat:09757252 titlu:The impact of cell site re-homing on the performance of umts core networks revista:International Journal of Next-Generation Networks 2.1 (2010) 49-62 issnciteaza:0975-7252 AnAparitie:2010 nrAutori:5 http://arxiv.org/abs/1003.5775</u>	(4/[5])	0.8	<u>Citari Titus Balan.docx</u>
	<u>titlucitat:Demonstrator for voice communication over LTE issncitat:20513305 titlu:Transparent settlement model between mobile network operator and mobile voice over Internet protocol operator revista:The Journal of Engineering, 2014 - IET issnciteaza: Online ISSN 2051-3305 AnAparitie:2014 nrAutori:5 http://digital-library.theiet.org/content/journals/10.1049/joe.2014.0242</u>	(4/[5])	0.8	<u>Citari Titus Balan.docx</u>



	<p><u>titlu: Demonstrator for voice communication over LTE issncitat:97814799</u> <u>titlu:Luzango P.M. et al - Transparent settlement model between mobile network operator and mobile voice revista:Journal of Theoretical & Applied Information Technology , 2/20/2015, Vol. 72 Issue 2, pp 289-293 issnciteaza:2051-3305</u> <u>AnAparitie:2015 nrAutori:5</u> http://digital-library.theiet.org/content/journals/10.1049/joe.2014.0242</p> <p><u>titlu: Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:97897313 titlu:S. Bhaskar et al - Handover management in next generation networks: a cross layer solution revista:International Journal of Information Technology, Communications and Convergence - Volume 3, Issue 2 – 2015, pp.161-172 revista:International Journal of Information Technology, Commu</u> http://scholar.google.com/scholar?cites=12364071633317944625</p> <p><u>titlu: Network policy function virtualization via SDN and packet processing issncitat:20694733 titlu: Algorithms for advance bandwidth reservation in media production networks revista:Proceedings of the 2015 IFIP/IEEE International Symposium on Integrated Network Management, 11-15 May 2015, Ottawa issnciteaza:978-3-901882-76-0 AnAparitie:2015 nrAutori:1</u> http://ieeexplore.ieee.org/document/7140291/</p> <p><u>titlu: Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:18420133 titlu:Penambahan Layanan pada Firmware DD-WRT untuk Wireless Router Linksys WRT160NL revista:Ultima Computing : Jurnal Sistem Komputer issnciteaza:2355-3286 AnAparitie:2013 nrAutori:5</u> http://library.unm.ac.id/jurnal/public/uploads/papers/pdf/f390d199c1eacaa9314a85843c16c9f2.pdf</p> <p><u>titlu: Mobile Communication Solutions for the Services in the Internet of Things issncitat:18651348 titlu:PEER-TO-PEER REAL-TIME CLOUD COMMUNICATION SOLUTIONS revista:Review of the Air Force Academy issnciteaza:1842-9238 AnAparitie:2016 nrAutori:4</u> http://www.afahc.ro/ro/Publicatie/2016_2/2.12-Stelea,Curpen,Surariu,Papoi.pdf</p>	(4/[5])	0.8	<u>Luzango et al .pdf</u>
				DOI: 10.1504/IJITCC.2015.071024
				http://scholar.google.com/scholar?cites=8499869994545472372&as_sdt=2005&sciodt=0.5&hl=ro ; http://www.afahc.ro/ro/revista/2014_3/73.pdf
				https://scholar.google.com/scholar?cites=12364071633317944625&as_sdt=2005&sciodt=0.5&hl=en
				https://scholar.google.com/scholar?cites=7087939966880260962&as_sdt=2005&sciodt=0.5&hl=en

73,2

	<u>titlu: Demonstrator for voice communication over LTE issncitat:97814799</u> <u>titlu: TECNOLOGÍAS 4G LTE EN COLOMBIA: OPORTUNIDADES DE DESARROLLO TECNO-LÓGICO E INNOVACIÓN PARA NUEVOS OPE-RADORES revista: DESARROLLO TECNOLÓGICO E INNOVACIÓN EMPRESARIAL Edición 3, Volumen 2. Diciembre - 2014 issnciteaza:2322-8725</u> <u>AnAparitie:2014 nrAutori:4</u> <u>http://www.colinnovacion.com/wp-content/uploads/TECNOLOG%C3%8DAS-4G-LTE-EN-COLOMBIA-Publicatie-EDICI%C3%93N-3-VOLUMEN-2-Diciembre-2014.pdf</u>	(4/[4])	1	
	<u>titlu: Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:46660050 titlu: Research, Practice and Educational Advancements in Telecommunications and Networking revista: Optimizing the Traffic of Voice Core Domain in UMTS Network through RNC Re-homing issnciteaza:1466600519_9781466600515 AnAparitie:2012 nrAutori:5</u> <u>https://books.google.at/books?id=11p_yvC55HoC&pg=PA306&dq=szekely+balan+optimisation&source=bl&ots=9-WnVrD-fE&sig=512Ec5WPXJukjwJLCg4-6LDhcik&hl=ro&sa=X&ved=0ahUKEwigppqiiNIRAhWkAcAKHPBDzAQ6AEILjAD#v=onepage&q=szekely%20balan%20optimisation&f=false</u>	(4/[5])	0.8	<u>https://scholar.google.com/scholar?oi=bibs&hl=en&cites=17577852545708162214&as_sdt=5&as_ylo=2015&as_yhi=2015</u>
	<u>titlu: Simulation of an advanced mobile communication network - OPTIM 2008 issncitat:978-1-42 titlu: Research of Soft Switch Technology Based on H.248 and SIP Protocol revista: New Technologies for Engineering Research and Design in Industry issnciteaza:978-3-03835-141-2 AnAparitie:2014 nrAutori:5</u> <u>http://www.scientific.net/AMR.971-973.1714</u>	(4/[5])	0.8	<u>Citation Sandu Balan - Research of Soft Switch Technology Based on H.pdf</u> <u>http://www.scientific.net/AMR.971-973.1714</u>
	<u>titlu: LTE Mobility Solutions at Network Level for Global Convergence issncitat:97816152 titlu: SOLUTIONS FOR ROAMING AND INTEROPERABILITY PROBLEMS BETWEEN LTE AND 2G OR 3G NETWORKS revista: Review of the Air Force Academy issnciteaza:20694733 AnAparitie:2013 nrAutori:2</u> <u>http://www.afahc.ro/ro/Publicatie/Nr_2_2013/29_Radu_CURPEN.pdf</u>	(4/[2])	2	 <u>http://www.afahc.ro/ro/revista/Nr_2_2013/29_Radu_CURPEN.pdf</u>
	<u>titlu: LTE Mobility Solutions at Network Level for Global Convergence issncitat:97816152 titlu: Modeling and Management of Location and Mobility revista: Wireless Information Highways issnciteaza:9781591405689 AnAparitie:2013 nrAutori:2</u> <u>http://www.igi-global.com/viewtitlesample.aspx?id=31448&ptid=1067&t=modeling%20and%20management%20of%20location%20and%20mobility</u>	(4/[2])	2	<u>Citation Balan_Sandu.pdf</u>

					http://www.igi-global.com/viewtitlesample.aspx?id=31448&ptid=1067&t=modeling%20and%20management%20of%20location%20and%20mobility
		titlucitat:Optimization of GSM-UMTS core network for IP convergence in 4G through Mobile IPv6 issncitat:18420133 titlu:Optimizing the Traffic of Voice Core Domain in UMTS Network through RNC Re-homing revista:International Journal of Interdisciplinary Telecommunications and Networking issnciteaza:1941-8663 AnAparitie:2010 nrAutori:5 http://dl.acm.org/citation.cfm?id=2440258	(4/[5])	0.8	
					http://dl.acm.org/citation.cfm?id=2440258
		TOTAL A3.1.2		19.2	
150	3.2	Membru in colectivele de redactie sau comitete stiintifice ale revistelor indexate ISI			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:19th RoEduNet Conference: Networking in Education and Research DataAparitie:2020 https://conference.roedu.net/index.php/roedunetconf/2020/schedConf/program		10	CoChair_RoEduNET_2020.pdf Co-chair Section 04: Technologies for Future Internet
160	3.3	Membru in colectivele de redactie sau comitete stiintifice ale revistelor BDI			
170	3.4	Premii Academia Romana, ASTR, academiei de ramura, premii internationale			
		Descriere	Formula Calcul	Punctaj	Dovada
		titlu:European Satellite Navigation Competition - Regional Award for the project "AwareAnywhere - Nowcasting and Localised Response Force Mobilisation" AnAcordare:2016		15	ESNC_award.pdf http://www.esnc.info/index.php?anzeige=winner2016.html
		titlu:Premiul Asociației Patronale a Industriei de Software și Servicii - Bursele ANIS AnAcordare:2018		15	https://www.anis.ro/burse-anis/castigatorii-galei-bursele-anis-2018

Data,
23.12.2024

Autor,
Conf.Dr.Ing. BĂLAN Titus Constantin

