

AVIZ INDEPLINIRE STANDARDE MINIMALE

Candidatul conf.dr.ing PUȘCHIȚA EMANUEL DUMITRU,
înscris la concursul pentru ocuparea postului de profesor
la Facultatea de Electronică, Telecomunicații și Tehnologia Informației,
Departamentul Comunicații, poziția 10

îndeplinește standardele minimale necesare ocupării postului menționat mai sus.

Motivare în caz de neîndeplinire a standardelor minimale:

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Comisia de analiza a dosarului de concurs

Președinte: Prof.dr.ing. Dorin PETREUȘ

Membri: Prof.dr.ing. Marina ȚOPA

Prof.dr.ing. Virgil DOBROTĂ

Universitatea Tehnică din Cluj-Napoca
Facultatea de Electronică, Telecomunicații și Tehnologia Informației
Departamentul de Comunicații
Concurs pentru ocuparea postului de Profesor Universitar, poziția 10

FIȘA DE VERIFICARE

a îndeplinirii standardelor minime naționale de ocupare a postului de Profesor Universitar*
publicat în Monitorul Oficial al României, partea a-III a, nr. 306/ 15.04.2020

Candidat: Emanuel-Dumitru PUȘCHIȚĂ
Funcția actuală: Conf. Univ. Dr. Ing. Habil.
Data numirii în funcția actuală: 01 octombrie 2014
Instituția: Universitatea Tehnică din Cluj-Napoca, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, Departamentul de Comunicații

1. Condiții minime (Ai)*

Nr.	Domeniul de activitate (A)	Profesor*	Candidat Conf. Dr. Ing. Emanuel-Dumitru PUȘCHIȚĂ	Îndeplinit
A1	Activitatea didactică / profesională (A1)	100	116.917	DA
A2	Activitatea de cercetare (A2)	600	697.467	DA
A3	Recunoașterea impactului activității (A3)	150	263.248	DA
Indicatorul de merit (A = A1 + A2 + A3)		850	1077.632	DA

Conf. Dr. Ing. Emanuel-Dumitru PUȘCHIȚĂ

* Conform Ordinului Ministrului Educației Naționale și Cercetării Științifice nr. 6129/2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior/prevăzute și completat prin Anexa nr. 11 – Comisia Electronică, Telecomunicații și Nanotehnologie, pentru ocuparea poziției de Profesor Universitar.

2. Condiții minime obligatorii pe subcategorii*

Condiții minime obligatorii pe subcategorii		Profesor*	Candidat Conf. Dr. Ing. Emanuel-Dumitru PUȘCHIȚĂ	Indeplinit
A1.1.1.-A1.1.2	Cărți de specialitate	1 carte	2	DA
A2.1	Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI proceedings	15 din care minimum 3 în reviste cotate Q1 sau Q2	49	DA
	Articole în reviste cotate Q1 sau Q2		3	
	Una și numai una dintre lucrările cotate ISI în reviste aflate printre primele 50% (zonele Q1-Q2 în notația ISI) poate fi echivalată cu: (un brevet de invenție indexat WOS) sau (1 articol în conferințe internaționale de top în domeniul de abilitare de nivel 2 sau mai mare) sau (minimum 3 articole în conferințe de nivel 1 în clasificarea Julkaisu Publication Forum). https://www.tsv.fi/julkaisufoorum/haku.php?lang=en	3	1	DA
A2.4.1	Granturi / proiecte de cercetare câștigate prin competiție (Director/ responsabil)	2	2	DA
A3.1.1	Număr de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS)	25	47	DA
	Factor de impact ISI cumulat pentru publicații	10	22.3	DA

3. Structura activității candidatului*

Nr.	Domeniul activităților	Categoriile și restricțiile	Subcategoriile		Indicatori (kpi)	Număr	Punctaj
			A1.1.1	Internationale			
1	Activitatea didactică și profesională (A1)	Cărți de autor în edituri cu ISBN	Cărți		50 (100)/nr. autori	0	0.00
		Capitole de specialitate în edituri cu ISBN	Capitole		12.5 (25)/nr. autori	0	0.00
		Cărți de autor în edituri cu ISBN	Cărți	Naționale	50 /nr. autori	2	62.500
		Capitole de specialitate în edituri cu ISBN	Capitole		12.5/nr. autori	2	10.420
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1	40/nr. autori	5	44.000
Total punctaj (A1)						116.917	

Nr.	Domeniul activităților	Categorii și restricții	Subcategoriile	Indicatori (kpi)	Număr	Punctaj	FI		
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI preceeding	A2.1	(25+30 * fact. imp) /nr. autori	49	451.896	22.300		
			A2.2	20/nr. autori	14	60.571			
		Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	A2.3.1	Internaționale	35/nr. autori	0	0.00	0	
			A2.3.2	Naționale	25/nr. autori	0	0.00	0	
		Granturi / proiecte de cercetare câștigate prin competiție sau contracte cu agenți economici în valoare de minim 10000 USD	A2.4.1.1	Internaționale	20*ani desf.	0	0.00		
			A2.4.1.2	Naționale	10*ani desf.	2	50.000		
			Membru în echipă	A2.4.2.1	Internaționale	4*ani desf.	6	62.000	
				A2.4.2.2	Naționale	2*ani desf.	14	73.000	
		Total punctaj (A2)					697.467	22.300	

Nr.	Domeniul activităților	Categorii și restricții	Subcategoriile	Indicatori (kpi)	Număr	Punctaj		
3	Recunoașterea și impactul activității (A3)	Citări în cărți, reviste și volume ale unor manifestări științifice	A3.1.1	cărți, ISI	8/nr. aut art. citat	47	105.181	
			A3.1.2	BDI	4/nr. aut art. citat	23	28.067	
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, CO-Chair sau membru în comitetele de organizare ale manifestărilor internaționale indexate ISI	Punctaj unic pentru fiecare activitate	A3.2		10	4	40.000
				A3.3		6	0	0
	Premii în domeniu conferite de Academia Română, ASTR, AOSR sau premii internaționale de prestigiu	A3.4		15	6	90.000		
Total punctaj (A3)					263.248			

A1. Activitatea didactică și profesională

A1.1.2 Cărți de autor sau capitole în edituri cu ISBN

Nr.	Autorii	Carte, ISBN	Editura	Anul	Nr. aut.	Punctaj
1	Puschita, E., Pastrav, A., Semenciuc, E., Palade, T.	<i>Calitatea serviciilor în rețele de telecomunicații cu acces radio</i> , ed. a 2-a revizuită și completată, Cluj-Napoca, Editura U.T.Press, ISBN 978-606-737-189-5, 320 pagini, 2016.	U.T.Press	2016	4	12.500
2	Puschita, E.	<i>Calitatea serviciilor în rețele de telecomunicații cu acces radio</i> , Cluj-Napoca, Editura U.T.Press, ISBN 978-662-861-0, 232 pagini, 2013.	U.T.Press	2013	1	50.000

Total punctaj Cărți de autor sau capitole în edituri cu ISBN (A1.1.2)

62.500

A1.1.2 Capitole de specialitate în edituri cu ISBN

Nr.	Autorii	Capitol carte, ISBN	Editura	Anul	Nr. aut.	Punctaj
1	Puschita, E., Palade, T., Vermesan, I.	Capitolul <i>Servicii și calitate prin VPN</i> , din Nicolaescu, S-V. (coordonator), Bogdan, I., Palade, T., Jurian, M., Puschita, E. și alții, <i>Rețele virtuale dispersate</i> , Editura PRINTECH, ISBN 978-606-521-707-2, 192 pagini, 2011.	PRINTECH	2011	3	4.167
2	Puschita, E., Palade, T.	Capitolul <i>Simularea serviciilor și a relațiilor dintre ele</i> Nicolaeșcu, S-V. (coordonator), Bogdan, I., Palade, T., Jurian, M., Puschita, E. și alții, <i>Rețele wireless de acces – Alocarea dinamică și autoorganizarea resurselor</i> , Editura PRINTECH, ISBN 978-606-521-562-7, 403 pagini, 2010.	PRINTECH	2010	2	6.250

Total punctaj Capitole de specialitate în edituri cu ISBN (A1.1.2)

10.417

A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN

Nr.	Autorii	Carte, ISBN	Editura	Anul	Nr. aut.	Punctaj
1	Puschita, E., Palade, T., Moldovan, A., Colda, R., Vermesan, I.	Radiocomunicații Celulare - canalul radio - antene - proiectarea sistemelor – Manual de laborator, Editura U.T. PRESS, ISBN 978-973-662-496-4, 170 pagini, 2009.	U.T.Press	2009	5	8.000
2	Crisan, N., Cremene, L., Palade, T., Puschita, E.	Microunde – Aplicații, Volumul I, ISBN 978-973-662-377-6, Editura U.T. PRESS, 120 pagini, 2008.	U.T.Press	2008	4	10.000
3	Palade, T., Moldovan, A., Puschita, E., Vermesan, I.	Microunde – Aplicații. Volumul II: Măsurători, antene, sisteme, Editura U.T. PRESS, ISBN 978-973-662-509-1, 142 pagini, 2010.	U.T.Press	2010	4	10.000
4	Palade, T., Vermeșan, I., Colda, R., Moldovan, A., Puschita, E.	Radiocomunicații: îndrumător de laborator, Editura U.T. Press, ISBN 978-973-662-684-5, 126 pagini, 2012.	U.T.Press	2012	5	8.000
5	Pastrav, A., Palade, T., Puschita, E., Dolea, P., Dascal, V.	Întrebări și probleme din tehnica microundelor, Editura U.T. PRESS, ISBN 97-606-737-250-2, 114 pagini, 2017.	U.T.Press	2017	5	8.000
Total A1.2.1: (K₅₁ = 10)						44.000

Total punctaj Material didactic / Lucrări didactice publicate în edituri cu ISBN (A1.2.1)	44.000
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Total punctaj Activitatea didactică / profesională (A1)	116.917
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Notă:

1. O fotocopie a coperșilor materialelor publicate (cărți și materiale didactice) este anexată în dosarul de concurs.

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A2. Activitatea de cercetare

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

Nr.	Autori	Titlu lucrare / revista (conferința)	FI	Nr. aut.	Punctaj
1	Puschita, E., Palade, T., Szekely, M.	<i>Performances analysis of the WCDMA downlink channel</i> , Joint First Workshop on Mobile Future and Symposium on Trends in Communications (SympoTIC '03), Bratislava, SK, ISBN: 0-7803-7993-4, doi: 10.1109/TIC.2003.1249088, Oct. 26-28, 2003, p. 55-58. WOS: 000189349700015. Disponibil online: https://doi.org/10.1109/TIC.2003.1249088 .	0.25	3	10.833
2	Puschita, E., Palade, T., Chira, L.	<i>Performance Evaluation of DCF vs. EDCF Data Link Layer Access Mechanisms for Wireless LAN Scenarios: QoS Perspective</i> , 7 th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS 2005), September 28-30, 2005, Niš, Serbia and Montenegro, ISBN 0-7803-9164-0, doi: 10.1109/TELSKS.2005.1572127, vol. 2, p. 356-359. WOS: 000233336900073. Disponibil online: https://doi.org/10.1109/TELSKS.2005.1572127 .	0.25	3	10.833
3	Puschita, E., Palade T., Pitic R.	<i>Wireless LAN Medium Access Techniques: QoS Perspective</i> , The 7 th International Symposium on Signals, Circuits and Systems (ISSCS 2005), July 14-15, 2005, Iași, Romania, ISBN 0-7803-9029-6, doi: 10.1109/ISSCS.2005.1509905, p. 267-270. WOS: 000231532900067. Disponibil online: https://doi.org/10.1109/ISSCS.2005.1509905 .	0.25	3	10.833
4	Chira, L., Palade, T., Dumitrescu, R., Puschita, E.	<i>Performance Analysis of Spatial Diversity Schemes on an 802.11 a PHY Platform</i> , 7 th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'05), Sept. 28-30, 2005, Niš, Serbia and Montenegro, ISBN: 0-7803-9164-0, doi: 10.1109/TELSKS.2005.1572072, p. 101-104. WOS: 000233336900023. Disponibil online: https://doi.org/10.1109/TELSKS.2005.1572072 .	0.25	4	8.125
5	Caruntu A., Nica, A., Todorean G., Puschita E., Buza, O.	<i>An Improved Method for Automatic Classification of Speech</i> , IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, May 25-28, 2006, ISBN: 1-4244-0360-X, doi: 10.1109/AQTR.2006.254578, vol. 1, p. 448-451. WOS: 000241459500086. Disponibil online: https://doi.org/10.1109/AQTR.2006.254578 .	0.25	5	6.500
6	Crisan, N., Cremene, L., Puschita, E.	<i>FEC Performance Analysis for the under-11GHz 802.16 SC Specifications</i> , 16 th IST Mobile and Wireless Communications Summit, Budapest, Hungary, July 01-05, 2007, ISBN 978-963-8111-66-1, ISBN: 963-8111-66-6, doi.: 10.1109/ISTMWC.2007.4299091. WOS: 0002533451700062. Disponibil online: https://doi.org/10.1109/ISTMWC.2007.4299091 .	0.25	3	10.833
7	Puschita, E., Palade, T.,	<i>Performance Comparison on the Last-Mile Access Segment for Different Wireless Technologies</i> , 6 th RoEduNet International Conference (RoEduNet 2007), Craiova, Romania, November 23-24, 2007, ISBN 978-973-746-581-8, p. 98-102. WOS: 000264284900014.	0.25	2	16.250
8	Crisan N., Cremene L., Puschita, E., Palade, T.	<i>Evaluation of Adaptive Radio Techniques for the under-11GHz Broadband Wireless Access</i> , International Journal of Computers Communications & Control, 2008, Oradea, Romania, vol. 3, ISSN 1841-9836, p. 232-237. WOS: 000257497600033 (IF=1.585, Q3). Disponibil online: http://univapora.ro/jour/index.php/iiccc/issue/viewfile/41/pdf_162	1.585	4	18.137



9	Palade T., Puschita, E.,	Requirements for a New Resource Reservation Model in Hybrid Access Wireless Network, The 11 th WSEAS International Conference on Communications, Vol 3: Advances in Communications, 23-25 July, 2007 ISSN: 1109-2742, p. 377-384. WOS: 000249811700067. Disponibil online: https://dl.acm.org/doi/abs/10.5555/1455934.1455936 .	0.25	2	16.250
10	Puschita, E., Palade T., Frank-Uwe Andersen	A Mechanism for QoS Path Selection in a WLAN-UMTS Scenario: Mobile Agent Approach, 7 th WSWAS International Conference on Data Networks, Communications, and Computers (DNCOCO'08), Bucharest, Romania, November 07-09, 2008, ISSN: 1790-5109, ISBN: 978-960-474-020-8, p. 91-97. WOS: 000263631400014. Disponibil online: https://dl.acm.org/doi/abs/10.5555/1503580.1503597 .	0.25	3	10.833
11	Palade T., Puschita, E., Bogdan, I.	Performance Evaluation of Wireless Systems implementing IEEE 802.16 Standard, The 12 th WSEAS International Conference on COMMUNICATIONS, Heraklion, Greece, July 23-25, 2008, ISSN: 1790-5109, ISBN: 978-960-6766-85-5, pp78-81. WOS: 000260496700009. Disponibil online: https://dl.acm.org/doi/10.5555/1580987.1581006 .	0.25	3	10.833
12	Crisan N., Cremene L.C., Puschita, E., Palade T.	Spectral efficiency Improvement for the under-11GHz Broadband Wireless Access, International Conference on Telecommunications (ICT 2008), June 16-19, 2008, ISBN: 978-1-4244-2035-3, St Petersburg, Russia, doi: 10.1109/ICTEL.2008.4652707, Print ISBN: 978-1-4244-2035-3, p. 1-6. WOS: 000262437800097. Disponibil online: https://doi.org/10.1109/ICTEL.2008.4652707 .	0.25	4	8.125
13	Puschita, E., Palade, T.	Performance Analysis of Contention-Based Channel Access Mechanisms of 802.11 DCF and 802.11e EDCA, 9 th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'09), October 07-09, 2009, Niš, Serbia, ISBN: 978-1-4244-4382-6, ISBN 978-1-4244-4381-9, doi: 10.1109/TELSIKS.2009.5339449, vol. 2, p. 548-551. WOS: 000289094600109. Disponibil online: https://doi.org/10.1109/TELSIKS.2009.5339449	0.25	2	16.250
14	Colda, R., Palade, T., Puschita, E., Vermeșan, I., Moldovan, A.	ITU-R Channel Model Analysis for a Mobile WiMAX System, The 15 th International Conference on the Knowledge-Based Organization, Applied Technical Sciences and Advanced Military Technologies, "Nicolae Bălcescu" Land Forces Academy, Sibiu, November, 26-28, 2009, ISSN 1843-6722, p. 316-321. WOS: 000277288700062.	0.25	5	6.500
15	Moldovan, A., Palade, T., Puschita, E., Neagu, A., Colda, R., Vermeșan, I.	Impact of CSIT Precoding on MIMO Systems Adaptability, The 15 th International Conference on the Knowledge-Based Organization, Applied Technical Sciences and Advanced Military Technologies, "Nicolae Bălcescu" Land Forces Academy, Sibiu, November, 26-28, 2009, ISSN 1843-6722, p. 340-345. WOS: 000277288700066.	0.25	6	5.417
16	Vermeșan, I., Palade, T., Puschita, E., Colda, R., Moldovan, A.	Adaptive Multiple Antenna Array Architectures for Implementation of IEEE 802.11n Specifications, The 15 th International Conference on the Knowledge-Based Organization, Applied Technical Sciences and Advanced Military Technologies, "Nicolae Bălcescu" Land Forces Academy, Sibiu, Nov., 26-28, 2009, ISSN 1843-6722, p. 362-367. WOS: 000277288700070.	0.25	5	6.500
17	Moldovan, A., Palade, T., Piștea, A.-M., Puschita, E., Colda, R., Vermeșan, I., Androne, C.	Spatial Multiplexing and Diversity in a MIMO based WLAN System, 2010 8 th International Conference on Communications (COMM), Bucharest, Romania, June 10-12, 2010, doi: 10.1109/ICCOMM.2010.5509013, ISBN: 978-1-4244-6360-2, vol 2, p. 355-358. WOS: 000299870700084. Disponibil online: https://doi.org/10.1109/ICCOMM.2010.5509013 .	0.25	7	4.642

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18	Colda, R., Palade, T., Puschita, E., Vermeșan, I., Moldovan, A.	Mobile WiMAX: System performance on a vehicular multipath channel, 2010 Proceedings of the Fourth European Conference on Antennas and Propagation (EuCAP), Barcelona, Spain, April 12-16, 2010, E-ISBN: 978-84-7653-472-4, Print ISBN: 978-1-4244-6431-9, p. 1-5. WOS: 000296541703158. Level 1 în clasificarea Julkaisu Publication Forum. Online: https://www.tsv.fi/julkaisuforum/haku.php?himeke=&konferenssiyh=EUCAP&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	5	6.500
19	Colda, R., Palade, T., Puschita, E., Moldovan, A., Vermeșan, I.	PER-Based Analysis of a Mobile WiMAX System, 18 th International Conference on Microwave, Radar and Wireless Comm. (MIKON 2010), June 14-16, 2010, Vilnius, Lithuania, ISBN 978-9955-690-19-1, Print ISBN: 978-1-4244-5288-0, p. 417-420. WOS: 000296519300105.	0.25	5	6.500
20	Moldovan A., Vermeșan I., Palade T., Pisteș A.-M., Colda R., Puschita E.	Adaptive potential of spatial transmission processing techniques, 18 th International Conference on Microwave, Radar and Wireless Communications (MIKON 2010), June 14-16, 2010, Print ISBN: 978-1-4244-5288-0, p. 1-4. WOS: 000296519300110.	0.25	6	5.417
21	Puschita, E., Manuliac, G., Palade, T., Caruntu, A.	QoS Support in UMTS Networks Performance Evaluation and Perspectives towards an Autonomic Resource Management, 3 rd International Conference on Advances in Future Internet (AFIN 2011), ISBN:978-1-61208-148-9 Nice, France, WOS: 000394878000005.	0.25	4	8.125
22	Androne, C., Palade, T., Puschita, E., Moldovan, A., Vermeșan, I., Colda, R.	Study of Co-channel Cross-layer Interference for the Downlink Communication in Femtocell Networks, International Symposium on Signals, Circuits and Systems (ISSCS 2011), June 30 – July 01, 2011, Iasi, Romania, ISBN: 978-1-4577-0201-3, Print ISBN: 978-1-61284-944-7, doi: 10.1109/ISSCS.2011.5978657, p.61-64. WOS: 000337925400015. https://doi.org/10.1109/ISSCS.2011.5978657 .	0.25	6	5.417
23	Puschita, E., Kantor, P., Manuliac, G., Palade, T., Bito, J.	Enabling Frame-Based Adaptive Video Transmission in a Multilink Environment, Advances in Electrical and Computer Engineering, vol. 12, no. 2, 2012, p. 9-14. doi: 10.4316/AECE.2012.02002, WOS: 000305608000002. (IF=0.650, Q4). Disponibil online: http://www.aee.ro/abstractplus.php?year=2012&number=2&article=2 .	0.65	5	8.900
24	Pastrav, A., Puschita, E., Palade, T.	HCRA Support in IEEE 802.11 Networks - QoS and QoE Performance Evaluation, 2012 10 th International Symposium on Electronics and Telecommunications, Timisoara, Romania, November 15-16, 2012, d.o.i: 10.1109/SETC.2012.6408084, ISBN: 978-1-4673-1175-5, p. 139-142. WOS: 000318702700032. Disponibil online: https://doi.org/10.1109/SETC.2012.6408084 .	0.25	3	10.833
25	Puschita, E., Constantinescu, A., Colda, R., Vermeșan, I., Moldovan, A., Palade, T.	Challenges for a broadband service strategy in rural areas: A Romanian case study, Telecommunications Policy, vol. 38, no. 2, Mar. 2014, p. 147-156. doi: 10.1016/j.telpol.2013.08.001, WOS: 000335875800003. (IF=2.000, Q2). Disponibil online: https://doi.org/10.1016/j.telpol.2013.08.001 .	2.000	6	14.166
26	Puschita, E., Palade, T., Colda, R., Vermeșan, I., Moldovan, A.	Radio Resource Adaptive Adjustment in Future Wireless Systems Based on Application Demands, International Journal of Computers Communications & Control, vol. 8, no.1, Nov. 2012, p. 111-126, doi. 10.15837/ijccc.2013.1.175, WOS: 000312043600013 (IF=1.585, Q3). Disponibil online: https://doi.org/10.15837/ijccc.2013.1.175 .	1.585	5	14.510
27	Pastrav, A., Grapa, A.-I., Palade, T., Puschita, E.	Performance analysis of mobility in 3G cellular UMTS and WLAN networks, 4 th International Symposium on Electrical and Electronics Engineering (ISEEE 2013), Dunarea de Jos Univ Galati, Galati, Romania, Oct. 11-13, 2013, ISBN: 978-1-4799-2442-4, doi: 10.1109/ISEEE.2013.6674342. WOS: 000335153400036. Disponibil online: https://doi.org/10.1109/ISEEE.2013.6674342 .	0.25	4	8.125

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28	Pastrav, A., Semenciuc, E., Palade, T., Moldovan, A., Puschita, E.	<i>Performance evaluation of a fuzzy-based QoS support implementation</i> , 4 th International Symposium on Electrical and Electronics Engineering (ISEEE 2013), Dunarea de Jos Univ Galati, Galati, Romania, ISBN: 978-1-4799-2442-4, doi: 10.1109/ISEEE.2013.6674338, Oct. 11-13, 2013. WOS: 000335153400032. Disponibil online: https://doi.org/10.1109/ISEEE.2013.6674338 .	0.25	5	6.500
29	Pastrav, A., Bara, A., Palade, T., Puschita, E.	<i>Assessing VoLTE performances for fundamental E-UTRAN technologies</i> , 7 th International Conference on Telecommunications and Signal Processing (TSP 2014), Berlin, Germany, ISBN: 978-80-214-4983-1, ISSN: 1805-5435, July 1-3, 2014, p. 177-182. WOS: 000375231000068. Disponibil online: https://doi.org/10.1109/TSP.2015.7296442 .	0.25	4	8.125
30	Pastrav, A., Palade, T., Puschita, E.	<i>VoLTE Performances in a 3D Modeled Campus Area</i> , 10 th International Conference on Communications (COMM 2014), ISBN: 978-1-4799-2385-4, doi: 10.1109/ICComm.2014.6866714, Bucharest, Romania, May 29-31, 2014, p. 425-428. WOS: 000345844600058. Disponibil online: https://doi.org/10.1109/ICComm.2014.6866714 .	0.25	3	10.833
31	Pastrav, A., Tataru, D., Bara, A., Palade, T., Puschita, E.	<i>Key Performance Indicators Evaluation for LTE Networks Implementation</i> , 11 th International Symposium on Electronics and Telecommunications, Timisoara, România, ISBN: 978-1-4799-7265-4, doi: 10.1109/ISETC.2014.7010782, November 14-15, 2014, p. 201-204. WOS: 000366633300047. Disponibil online: https://doi.org/10.1109/ISETC.2014.7010782 .	0.25	5	6.500
32	Pastrav, A., Ene, H., Bara, A., Palade, T., Puschita, E.,	<i>Deploying an LTE cell in an urban area: planning and traffic performance analysis</i> , Proceedings of the 11 th International Symposium on Electronics and Telecommunication (ISETC 2014), ISBN: 978-1-4799-7267-8, doi: 10.1109/ISETC.2014.7010784, Timisoara, Romania, 14-15 Nov. 2014. WOS: 000366633300049. Disponibil online: https://doi.org/10.1109/ISETC.2014.7010784 .	0.25	5	6.500
33	Pastrav, A., Palade, T., Puschita, E.	<i>A Proposed Mechanism for Traffic Management During Gateway Outage Periods in High Throughput Satellite Systems</i> , 38 th International Conference on Telecommunications and Signal Processing (TSP 2015), doi: 10.1109/TSP.2015.7296252, 978-1-4799-8497-8, Prague, Cehia, 9-11 June, 2015, p. 200-204. WOS: 000375231000144. Disponibil online: https://doi.org/10.1109/TSP.2015.7296252 .	0.25	3	10.833
34	Semenciuc, E., Pastrav, E., Palade, T., Puschita, E.,	<i>Performance Evaluation of a Cloud-based QoS Support Mechanism</i> , IEEE 11 th International Conference on Communications (COMM 2016), Bucharest, Romania, ISBN 978-1-4673-8196-3, doi: 10.1109/ICComm.2016.7528300, June 9-11, 2016, p. 267-270. WOS: 000383221900051. Disponibil online: https://doi.org/10.1109/ICComm.2016.7528300	0.25	4	8.125
35	Pastrav, A., Puschita, E., Palade, T.,	<i>GPStation-6 Employment for GNSS TEC Monitoring in SIRIUS Project</i> , 12 th International Symposium on ELECTRONICS AND TELECOMMUNICATIONS (ISETC 2016), ISBN 978-1-5090-3748-4, doi: 10.1109/ISETC.2016.7781058, Timisoara, România, Oct 25-26, 2016. WOS: 000383221900051. Disponibil online: https://doi.org/10.1109/ISETC.2016.7781058 .	0.25	3	10.833
36	Ratiu, O., Rusu, A., Pastrav, A., Palade, T., Puschita, E.,	<i>Implementation of an UWB-based Module Designed for Wireless Intra-Spacecraft Communications</i> , Proceedings of 2016 IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2016), Aachen, Germany, 2016, p. 146-151. doi: 10.1109/WISEE.2016.7877320. WOS: 000405562000027. Disponibil online: https://doi.org/10.1109/WISEE.2016.7877320 . (IEEE WISEE 2016 Best Paper Award).	0.25	5	6.500

37	Pastrav, A., Puschita, E., Palade, T.	<i>Ionospheric propagation monitoring and TEC measurements using GPS station-6 GNSS receiver</i> , 2017 11 th European Conference on Antennas and Propagation (EUCAP), doi: 10.23919/EUCAP.2017.7928814, March 19-24, Paris, France, p. 3887-3891, 2017. WOS: 0004040113827303152. Disponibil online https://doi.org/10.23919/EUCAP.2017.7928814 . Level 1 în clasificarea Julkaisu Publication Forum. Online: https://www.tsv.fi/julkaisufoorum/haku.php?nimeke=&konferenssiyh=EUCAP&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search .	0.25	3	10.833
38	Codau, C., Voina, A., Pastrav, A., Palade, T., Puschita, E., Hedesiu, H., Chirap, C.	<i>Experimental evaluation of the IEEE 802.11ac standard using NI USRP 2954R</i> , 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet), doi: 10.1109/ROEDUNET.2017.8123765, Sept. 21-23, Romania, 2017. WOS: 000425040000037. Disponibil online: https://doi.org/10.1109/ROEDUNET.2017.8123765 .	0.25	7	4.643
39	Voina, A., Codău, C., Pastrav, A., Palade, T., Puschita, E., Hedesiu, H., Chirap, C.	<i>Implementation of a SDR-based redundant access network using NI USRP-RIO</i> , 2017 16th RoEduNet Conference: Networking in Education and Research (RoEduNet), doi: 10.1109/ROEDUNET.2017.8123764, Sept. 21-23, Tg. Mures, Romania, 2017. WOS: 000425040000036. Disponibil online: https://doi.org/10.1109/ROEDUNET.2017.8123764 .	0.25	7	4.643
40	Pastrav, A., Codau, C., Puschita, E., Dolea P., Palade, T.	<i>Conceptual Architecture of a Retrodirective Antenna System with Beamforming Capabilities</i> , 2018 International Conference on Communications (COMM 2018), Bucharest, 2018, p. 225-230. doi: 10.1109/ICComm.2018.8484740. WOS: 000449526000041. Disponibil online: https://doi.org/10.1109/ICComm.2018.8484740 .	0.25	5	6.500
41	Pastrav, A., Simeodoni, R., Palade, T., Codau, C., Dolea, P., Puschita, E.	<i>The Alphasat Experiment at Cluj-Napoca – Preliminary Results</i> , 2018 International Symposium on Electronics and Telecommunications (ISETC), Timisoara, Romania, 2018, p. 1-4. doi: 10.1109/ISETC.2018.8583877, WOS: 000463031500051. Disponibil online: https://doi.org/10.1109/ISETC.2018.8583877 .	0.25	6	5.417
42	Jecan, E., Pop, C., Padrah, Z., Ratiu, O., Puschita, E.	<i>A dual-standard solution for industrial Wireless Sensor Network deployment: Experimental testbed and performance evaluation</i> , 14 th IEEE International Workshop on Factory Communication Systems (WFCS), Imperia, 2018, p. 1-9. doi: 10.1109/WFCS.2018.8402360, WOS: 000490863500024. Disponibil online: https://doi.org/10.1109/WFCS.2018.8402360 .	0.25	5	6.500
43	Ratiu, O., Panagiotopoulos, N., Vos, S., Puschita, E.	<i>Wireless Transmission of Sensor Data over UWB in Spacecraft Payload Networks</i> , 6 th IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2018), Huntsville, AL, USA, 2018, p. 131-136, doi: 10.1109/WISEE.2018.8637336, WOS: 000462976300022. Disponibil online: https://doi.org/10.1109/WISEE.2018.8637336 .	0.25	4	8.130
44	Semenciu E., Pastrav A., Palade T., Puschita E.	<i>SD-WAN for End-to-End QoS Path Selection in a Wireless Network Ecosystem</i> , Future Access Enablers for Ubiquitous and Intelligent Infrastructures (FABULOUS 2017), Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241, pp 134-140, 2018. WOS: 000481658200020. Disponibil online: https://doi.org/10.1007/978-3-319-97213-3_20 .	0.25	4	8.130
45	Buta, R., C. Codau, A. Pastrav, T. Palade, Hedesiu H., Balauta B, Puschita E.	<i>Experimental Evaluation of AOA Algorithms using NI USRP Software Defined Radios</i> , 17 th RoEduNet Conference: Networking in Education and Research (RoEduNet), Cluj-Napoca, Romania, 2018, p. 1-6. doi: 10.1109/ROEDUNET.2018.8514133, WOS: 000517570500011. Disponibil online: https://doi.org/10.1109/ROEDUNET.2018.8514133 .	0.25	7	4.640

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46	Pastrav, A., Dolea, P., Puschita, E., Codau, C., Palade, T.	Evaluating the Electromagnetic Pollution in the 700-1000MHz Frequency Range in Urban Areas, IEEE Conference on Antenna Measurements & Applications, Vasteras, Sweden, 2018, p. 1-4, doi: 10.1109/CAMA.2018.8530655, WOS: 000517563300132. https://doi.org/10.1109/CAMA.2018.8530655 .	0.25	5	6.500
47	Codau, C., Buta, R., Palade, T., Pastrav, A., Dolea, P., Simeononi, R., Puschita, E.	Experimental Evaluation of a Beamforming-capable System using NI USRP Software Defined Radios, 18 th RoEduNet Conference: Networking in Education and Research (RoEduNet), Galati, Romania, 2019, doi: 10.1109/ROEDUNET.2019.8909456, WOS: 000520513500005. Disponibil online: https://doi.org/10.1109/ROEDUNET.2019.8909456 .	0.25	7	4.640
48	Jecan, E., Pop, C., Padraha, Z., Vlasin, M., Ratiu, O., Puschita, E.	Redundancy for an all-in-one ISA100.11a Gateway: Protocol Design and Hardware Integration, 18 th RoEduNet Conference: Networking in Education and Research, Galati, Romania, 2019, doi: 10.1109/ROEDUNET.2019.8909476. WOS: 000520513500009. Disponibil online: https://doi.org/10.1109/ROEDUNET.2019.8909476 .	0.25	6	5.420
49	Puschita, E., Ratiu, O., Drobczyk, M., Panagiotopoulos, N., Kirei, B., Vos, S., Ratiu, V., Gärtner, T., Pastrav, A., Palade, T.	A UWB Solution for Wireless Intra-Spacecraft: Transmissions of Sensor and SpaceWire Data, International Journal of Satellite Communications and Networking, vol. 38, no. 1, Jan./Feb. 2020, p. 41-61, doi: 10.1002/sat.1307. (IF=1.633, Q2). Disponibil online: https://doi.org/10.1002/sat.1307 .	1.633	10	7.399
50	Popescu, D., Jacquet, P., Bernard, M., Dumitru, R., Pastrav, A., Puschita, E.	Information Dissemination Speed in Delay Tolerant Urban Vehicular Networks in a Hyperfractal Setting, IEEE/ACM Transactions on Networking, vol. 27, no. 5, Oct. 2019, p. 1901-1914, doi: 10.1109/TNET.2019.2936656. WOS: 000502059800010. (IF=3.597, Q1). Disponibil online: https://doi.org/10.1109/TNET.2019.2936656 .	3.597	6	22.151
51	Pastrav, A., Dolea, P., Puschita, E., Codau, C., Palade, T., Palade, I.	Exposure to UHF Electromagnetic Radiation in Urban Areas, 6 th International Conference on Advancements of Medicine and Health Care through Technology (MediTech 2018), vol 71, p. 97-101, Cluj-Napoca, Romania, 17 - 20 October 2018, doi: 10.1007/978-981-13-6207-1_16. WOS: 000493501100016. Disponibil online: https://www.springerprofessional.de/en/exposure-to-uhf-electromagnetic-radiation-in-urban-areas/16889202 .	0.25	6	5.417

Total punctaj Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI preceeding (A2.1) 451.896

Note:

1. S-au folosit următoarele marcaje:

Jurnal indexat ISI-WOS | Q1 în notația ISI (zona Roșie)

Jurnal indexat ISI-WOS | Q2 în notația ISI (zona Galbenă)

Jurnal indexat ISI-WOS | Q3 în notația ISI (zona Gri)

Conferință de Nivel 1 în clasificarea Julkaisu Publication Forum



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

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baze de date	Nr. autori	Punctaj
1	Puschita, E., Palade, T., Sandu, F.	<i>Intra-System Mobility Evaluation for Different Wireless Technologies</i> , International Conference on Wireless and Mobile Communications (ICWMC 2006), Bucuresti, Romania, July 29-31, 2006, doi: 10.1109/ICWMC.2006.57, Print ISBN: 0-7695-2629-2, INSPEC Accession Number: 9857651, p. 35-38. Disponibil online: https://doi.org/10.1109/ICWMC.2006.57 .	IEEEExplore, SCOPUS	3	6.667
2	Puschita, E., Palade, T., Sarlea, M., Moldovan, A., Colda, R., Vermesan, I.	<i>Site Survey for Wireless Network Design, Latest Trends on Communications, 14th WSEAS International Conference on Communications</i> , part of the 14th WSEAS CCCC Multiconference, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, p. 118-123. Disponibil online: https://www.scopus.com/record/display.uri?eid=2-s2.0-79958753132&origin=resultslist .	SCOPUS	6	3.333
3	Puschita, E., Palade, T., Sarlea, M., Moldovan, A., Colda, R., Vermesan, I.	<i>QoS Parametric Correlation for Network Management, a Link between Application's Requests and Network's Capabilities</i> . WSEAS Transactions on Communications, Issue 9, Vol. 9, Sept 2010, ISSN: 1109-2742, p. 573-582. Disponibil online: https://www.scopus.com/record/display.uri?eid=2-s2.0-77958084404&origin=resultslist .	SCOPUS	6	3.333
4	Puschita, E., Palade, T., Moldovan, A., Colda, R., Vermesan, I.	<i>An Innovative QoS Paradigm based on Cognitive In-Network Management of Resources for a Future Unified Network Architecture: I-NAME QoS Model</i> , The 2 nd International Conference on Advances in Future Internet AFIN 2010, Venice/Mestre, Italy, July 18-25, 2010, doi: 10.1109/AFIN.2010.15, ISBN 978-0-7695-4091-7, p. 37-43. Disponibil online: https://doi.org/10.1109/AFIN.2010.15 .	IEEEExplore, SCOPUS	5	4.000
5	Colda, R., Palade, T., Vermesan, I., Moldovan, A., Puschita, E.,	<i>Link Adaptation in Mobile WiMAX Systems under the ITU-R Mix of Channels</i> , The 14 th WSEAS International Conference on Communications, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, p. 242-247. Disponibil online: https://www.scopus.com/record/display.uri?eid=2-s2.0-79958758301&origin=resultslist .	SCOPUS	5	4.000
6	Moldovan, A., Palade, T., Vermesan, I., Colda, R., Puschita, E.	<i>Throughput Evaluation for MIMO Systems with Partial CSIT and Adaptive Packet Length</i> , The 14 th WSEAS International Conference on Communications, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, p. 238-241. Disponibil online: https://www.scopus.com/record/display.uri?eid=2-s2.0-79958727300&origin=resultslist .	SCOPUS	5	4.000
8	Puschita, E., Pastrav, A., Moldovan, A., Palade, T.	<i>QoS support for resource management in unified network</i> , ISSN 1803-3814, ISBN 978-80-214-4540-6, 18 th Soft Computing Conference MENDEL 2012, June 27-29, Brno, Czech Republic, p. 576-581, 2012. Disponibil online: https://www.scopus.com/record/display.uri?eid=2-s2.0-84882954822&origin=resultslist .	SCOPUS	4	5.000
7	Puschita, E., Arion, O., Palade, T., Manuilac, G.	<i>WiMAX in-network QoS dependencies: Application requests and network capabilities</i> , IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB 2011), Fraunhofer Institute for Integrated Circuits IIS, Erlangen, Germany, June 8-10, 2011, doi: 10.1109/BMSB.2011.5954934, ISSN: 2155-5044, p. 1-5. Disponibil online: https://doi.org/10.1109/BMSB.2011.5954934 . Level 1 in clasificarea Juiukatsu Publication Forum. Online: https://www.tsv.fi/juukaisuforum/haku.php?nimeke=&konferenssiyh=BMSB&issn=&byoppi=kaikki&kieli=&maailma=&wos=&scopus=&nappi=Search .	IEEEExplore, SCOPUS	4	5.000

9	Domuta, I., Palade, T., Puschita, E., Pastrav, A., Simeodorin, S., Puschita, E., Palade, T., Dolea, P., Codau, C., Buta, R., Pastrav, A.	Localization in 802. 15.4z Standard, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, p. 1-4. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570615511 .	IEEEExplore	4	5.000
10	Simeodorin, S., Puschita, E., Palade, T., Dolea, P., Codau, C., Buta, R., Pastrav, A.	Indoor Positioning using Decawave MDEK1001, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, doi: 10.1109/IWAT48004.2020.1570609918, p. 1-4. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570609918 .	IEEEExplore	7	2.857
11	Puschita, E., Simeodorin, S., Palade, T., Codau, C., Vos, S., Ratiu, V., Ratiu, O.	Performance Evaluation of the UWB-based CDS Indoor Positioning Solution, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, doi: 10.1109/IWAT48004.2020.1570609927, p. 1-4. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570609927 .	IEEEExplore	7	2.857
12	Codau, C., Buta, R., Pastrav, A., Palade, T., Dolea, P., Puschita, E.	ULA Transmit Beamforming on SDR Platform, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, doi: 10.1109/IWAT48004.2020.1570616261, p. 1-2. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570616261 .	IEEEExplore	6	3.333
13	Padrah, Z., Pop, C., Jecan, E., Pastrav, A., Palade, T., Ratiu, O., Puschita, E.	An ISA100.11a Model Implementation for Accurate Industrial WSN Simulation in ns-3, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, doi: 10.1109/IWAT48004.2020.1570616114, p. 1-4. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570616114 .	IEEEExplore	7	2.857
14	Codau, C., Buta, R., Pastrav, A., Palade, T., Dolea, P., Puschita, E.	An Overview of Digital Beamforming Implemented on SDR Platforms, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, doi: 10.1109/IWAT48004.2020.1570609928, p. 1-4. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570609928 .	IEEEExplore	6	3.333
15	Dolea, P., Palade, T., Pastrav, A., Puschita, E.	Conceptual Approach of an SDR-operated Multi-feed Antenna for Space Surveillance and Tracking, 2020 International Workshop on Antenna Technology (IWAT), Bucharest, Romania, 2020, pp. 1-4, doi: 10.1109/IWAT48004.2020.1570609915. Disponibil online: https://doi.org/10.1109/IWAT48004.2020.1570609915	IEEEExplore	4	5.000

Total punctaj Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (A2.2) 60.571

Note:

1. O lista completă a lucrărilor indexate în baza de date Web of Science (WOS) Core Collection este anexată dosarului de concurs. Codurile de acces WOS sunt disponibile pentru utilizatori autentificați în baza de date Web of Science Core Collection.
2. O lista completă a lucrărilor indexate în baza de date SCOPUS este anexată dosarului de concurs. Link-urile lucrărilor indexate în baza de date SCOPUS sunt disponibile pentru utilizatori autentificați în baza de date SCOPUS.

A2.4 Granturi / proiecte de cercetare câștigate prin competiție sau contracte cu agenți economici în valoare de minim 10000 USD

A2.4.1.2 Director / responsabil proiecte de cercetare câștigate prin competiție națională

Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj
1	Grant postdoctoral CNCSIS PD 184/2010: Proiectarea și validarea unei paradigme QoS inovative de auto-management cognitiv al resurselor în viitoarea arhitectură de rețea unificată. Valoarea grantului: 138.907,62 lei.	2010-2012	3	30.00
2	Grant doctoral CNCSIS TD 520/2007: Proiectarea și evaluarea unui mecanism QoS inter-domeniu într-o arhitectura wireless IP cu acces hibrid folosind agenți mobili. Valoarea grantului: 90.000 lei.	2007-2008	2	20.00

Total punctaj Director / responsabil proiecte de cercetare câștigate prin competiție națională (A2.4.1.2) 50.000

A2.4.2 Membru în echipă proiecte de cercetare câștigate prin competiție internațională

Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj
1	Tjelta, T. (coordonator proiect, Telenor R&I Norvegia), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), proiect FP6-ICT-2003-001930: Broadband services for everyone over fixed wireless access networks – BROADWAN. Valoarea contractului (pentru UTCN): 90.000 EUR.	2003-2006	3.5	14.00
2	Tjelta, T. (coordonator proiect, Telenor ASA Norvegia), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), proiect Eureka Cluster CP5-013: Multilink Architecture for Multiplay Services – MARCH. Valoarea contractului (pentru UTCN): 129.000 EUR.	2008-2011	3.5	14.00
3	Abramowicz, H. (coordonator proiect, Ericsson AB Suedia), Dobrota, V. (coordonator UTCN), Puschita, E. (membru UTCN), proiect FP7-ICT-2007-1-216041: Architecture and design for the future Internet – 4WARD.	2008-2010	2.5	10.00
4	Craciun, M., (coordonator proiect Agenția pentru Mediu Cluj-Napoca), Rațiu, O., (CDS), Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), Tardy, I., (SINTEF Norvegia), Realizarea unui sistem integrat de culegere și transmitere a datelor provenite din monitorizarea substanțelor chimice periculoase în județul Cluj (SIM-SCP), Cod proiect: R004-0006, Mecanismul de finanțare EEA 2009-2014, Contract no. 3955/2015.	2015 - 2016	2	8.00
5	Rațiu, O., (coordonator proiect, Control Data Systems - CDS), Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), proiect ESA (European Space Agency): Wireless Communication Bus for Satellite Applications (WISAT), Contract No. 4000110663/14/NL/CBi. Valoarea contractului (pentru UTCN): 130.466,66 lei / 30.000 EUR.	2014-2015	2	8.00
6	Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), SDR based multi feed reception system for SST (SDR4SST), Apel AO8856 EXPRO-PLUS, Contract ESA 4000128680/19/D/CT, Unitatea de finanțare: ESA. 2019-2021. Valoarea contractului (UTCN): 52,057.96 EUR	2019-2021	2	8.00

Total punctaj Membru în echipă proiecte de cercetare câștigate prin competiție internațională (A2.4.2.2) 62.000

A2.4.2.1 Membru în echipă proiecte de cercetare câștigate prin competiție națională

Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj
1	Palade, T. (coordonator proiect, UTCN), Puschita, E. (membru UTCN), grant CNCISIS 928/2005: Asigurarea accesului radio de banda larga pentru utilizatorii rezidentiali folosind tehnologiile wireless de cost redus. Valoarea contractului: 153.000.000 lei.	2005-2007	2	4.00
2	Cristea, O. (coordonator proiect, Centrul de cercetari senzori si sisteme SRL), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), contract CEEX 6107/2005: Hotspoturi care integreaza puncte de acces la satelit destinate comunitatilor izolate – HOTSAT. Valoarea contractului (pentru UTCN): 380.000 lei.	2005-2007	2	4.00
3	Palade, T. (coordonator proiect, UTCN), Puschita, E. (membru UTCN), contract de finantare PN2 Parteneriate 81004/18.09.2007: Statie de urmarire radio spatiala adanca cu utilizari multiple – URSA. Valoarea contractului (pentru UTCN): 800.000 lei.	2007-2010	3	6.00
4	Bogdan, I. (coordonator proiect, Universitatea Tehnica "Gheorghe Asachi" din Iasi), Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), contract de finantare PN2 Parteneriate 11-026/18.09.2007: Noi algoritmi pentru antene adaptive/inteligente in sisteme de comunicatii 3G si post - 3G – SMART. Valoarea contractului (pentru UTCN): 350.000 lei.	2007-2010	3	6.00
5	Nicolaescu, S. (coordonator proiect, Institutul National de Studii si Cercetari in Comunicatii), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), contract de finantare PN2 Parteneriate 11-021/2007: Platforma wireless integrata de acces local pentru banda larga si mobilitate, cu autoorganizarea resurselor – PABMAR. Valoarea contractului (pentru UTCN): 331.000 lei.	2007 – 2010	3	6.00
6	Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), contract de finantare plan sectorial – MCTI 22-1/2008: Analiza si identificarea de solutii hibride pentru asigurarea accesului de banda larga. Valoarea contractului (pentru UTCN): 236.000 lei.	2008-2009	2	4.00
7	Cristea, O. (coordonator proiect, Centrul de cercetari senzori si sisteme SRL), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), contract de finantare PN2 Inovare 86/25.09.2007: Platforma de comunicatii spatiale mobile in banda S – COSMOS. Valoarea contractului (pentru UTCN): 200.000 lei.	2007-2010	3	6.00
8	Nicolaescu, S. (coordonator proiect, Institutul National de Studii si Cercetari in Comunicatii), Palade, T. (coordonator UTCN), Puschita, E. (membru UTCN), Contract de finantare PN2 Parteneriate 2-097/2008: Retea virtuala IT&C pentru unitati de invatamant si cercetare dispersate geografic - CERVIT. Valoarea contractului (pentru UTCN): 200.000 lei.	2008-2011	3	6.00
9	Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), Contract de finantare PN2 71/19.11.2012, nr. înregistrare UTCN 30039/19.11.2012: Experimental Weak Radio Signals Monitor for Ionospheric Disturbances Analysis / Monitor experimental de semnale radio slabe destinat analizei perturbatiilor ionosferice. Valoarea contractului: 325.000 lei.	2012-2014	3	6.00
10	Bechet, P. (coordonator proiect, Academia Fortelor Terestre "Nicolae Balcescu" din Sibiu), Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), PN-II-PT-PCCA-2013-4-0627: Predicții de propagare ionosferică și comunicații de bandă largă folosind senzori SDR în gama HF pentru suportul informațional în situații de urgență pe teritoriul României. Valoarea contractului (pentru UTCN): 262.500 lei.	2014-2017	3	6.00
11	Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), Centre of competence for wireless Intra-SATellite Technologies (IntraSAT-Tech), Proiecte tip "CENTRE DE COMPETENTA IN TEHNOLOGII SPATIALE", Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spatiale si Cercetare Avansata - STAR, STAR, Proiect 116/2016, Unitatea de finantare: Agentia Spatiale Romana (ROSA). Valoarea contractului: 3.000.000 lei.	2016-2019	3	6.00
12	Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), IRIS Service Evolution Study. Traffic Characterization & Performance, Proiect cu beneficiar in mediul economic, Numar inregistrare UTCN: 16818/13.07.2017, Valoarea contractului (pentru UTCN): 100.440 lei.	2017-2018	1	2.00

13	Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), Rețea de antenă retro-direcționabilă compactă destinată sistemelor wireless, în benzile specifice protocolurilor de comunicație IEEE 802.11 și IEEE 802.16 (RDAntenna), UEFISCDI, Proiect 6 Sol / 2017, Unitatea de finanțare: UEFISCDI, PNCDI III. Valoarea contractului (pentru UTCN): 3.085.000 lei.	2017-2020	3	6.00
14	Filote, C., coordonator proiect - Universitatea "Ștefan cel Mare" din Suceava (USV), Membru - Institutul Național de Cercetare-Dezvoltare pentru Tehnologii Criogenice și Izotopice, Râmnicu Vâlcea (ICSI), Membru - Universitatea Tehnică din Cluj-Napoca (UTCN), Fodorean, D. (coordonator UTCN), Puschita, E. (membru UTCN), Membru - Institutul Național de Cercetări Economice "Costin C. Kirilescu" al Academiei Române (INCE-AR) – Membru, Stații inteligente de încărcare conductivă, fixe și Mobile, pentru transport cu propulsie Electrică (SMILE-EV), PN-III-P1-1.2-PCCDI-2017-0776. PCCDI 36/2018. Valoarea contractului (pentru UTCN): 917.313 lei.	2018-2020	2.5	5.00

Total punctaj Membru în echipă proiecte de cercetare câștigate prin competiție națională (A2.4.2.2) 73.000

Total punctaj Activitatea de cercetare (A2) 697.467

Notă:

1. Lista completă a proiectelor de cercetare validate de Direcția pentru Managementul Cercetării, Dezvoltării și Inovării (DMCDI) UTCN este anexată dosarului de concurs.



A3. Recunoașterea și impactul activității

A3.1.1 Citări în cărți, reviste și volume ale unor manifestări științifice (ISI Journals și ISI Proceedings)

Nr.	Articol citat	Articol care citează	Nr. aut. art. citat	Punctaj	Q1 / Q2
1	Puschita, E., Palade T., Pitic R., <i>Wireless LAN Medium Access Techniques: QoS Perspective</i> , The 7 th International Symposium on Signals, Circuits and Systems (ISSCS 2005), July 14-15, 2005, Iași, Romania, ISBN 0-7803-9029-6, doi: 10.1109/ISSCS.2005.1509905, p. 267-270. WOS: 000231532900067.	Sharma, V., Malhotra, J., Singh, H., <i>Quality of Service (QoS) evaluation of IEEE 802.11 WLAN using different PHY-Layer Standards</i> , International Journal for Light and Electron Optics, Optik, 124 (4), 2013, pp. 357-360. WOS: 000315308500017. https://doi.org/10.1016/j.ileo.2011.12.009 .	3	2.67	
2		Singh, H., Kaur, H., Sharma, A. and Malhotra, R., <i>Performance Investigation of Reactive AODV and Hybrid GRP Routing Protocols under Influence of IEEE 802.11 n MANET</i> . In Advanced Computing & Communication Technologies (ACCT), 2015 Fifth International Conference on (pp. 325-328). doi: 10.1109/ACCT.2015.50. WOS: 000380393400059. https://doi.org/10.1109/ACCT.2015.50 .	3	2.67	
3		Sharma, V., Malhotra, J., Singh, H., <i>Performance evaluation of MAC- and PHY-protocols in IEEE 802.11 WLAN, Communications in Computer and Information Science, High Performance Architecture and Grid Computing</i> , Volume 169, doi: 10.1007/978-3-642-22577-2_67, ISBN 978-3-642-22576-5, 2011, pp. 490-496. WOS: 000306457800067. http://link.springer.com/chapter/10.1007/978-3-642-22577-2_67 .	3	2.67	
4		Alfa A.A., Misra S., Adewumi A., Salami F.O., Masekiunas R., Damaševičius R. (2018) <i>Implementation of MANETs Routing Protocols in WLANs Environment: Issues and Prospects</i> . In: Antipova T., Rocha A. (eds) <i>Information Technology Science: MOSITS 2017. Advances in Intelligent Systems and Computing</i> , vol 724. Springer, Cham, doi: 10.1007/978-3-319-74980-8_24, WOS: 000511443000024. https://link.springer.com/chapter/10.1007/978-3-319-74980-8_24	3	2.67	
5	Puschita, E., Kantor, P., Manuțiac, G., Palade, T., Bito, J., <i>Enabling Frame-Based Adaptive Video Transmission in a Multilink Environment</i> , Advances in Electrical and Computer Engineering, vol. 12, no. 2, 2012, p. 9-14. doi: 10.4316/AECE.2012.02002, WOS: 000305608000002. (IF=0.650, Q4).	Belean, B., Borda, M., Rot, A., Nedeveschi, S., <i>Low Complexity Approach for High Throughput Belief-Propagation based Decoding of LDPC Codes</i> , Advances in Electrical and Computer Engineering, Vol. 13, No. 4, pp. 69-72, 2013, doi:10.4316/AECE.2013.04012. WOS: 000331461300012, http://www.aece.ro/abstractplus.php?year=2013&number=4&article=12	5	1.60	



6		Almobaideen, Wesam, Dimah AZ Alkhateeb, CSPDA: <i>Contention and stability aware partially disjoint AOMDV routing protocol</i> , In Applied Electrical Engineering and Computing Technologies (AEECT), 2015 IEEE Jordan Conference on, pp. 1-6. IEEE, 2015. WOS: 000380878900022. https://doi.org/10.1109/AEECT.2015.7360548 .	5	1.60	
7	Crisan N., Cremene L.C., Puschita, E., Palade T., <i>Spectral efficiency improvement for the under-11GHz Broadband Wireless Access</i> , International Conference on Telecommunications (ICT 2008), June 16-19, 2008, ISBN: 978-1-4244-2035-3, St Petersburg, Russia, doi: 10.1109/ICTEL.2008.4652707, Print ISBN: 978-1-4244-2035-3, p. 1-6. WOS: 000262437800097.	Iqbal, Z., Nooshabadi, S., Lee, H.-N., <i>Analysis and design of coding and interleaving in a MIMO-OFDM communication system</i> , IEEE Transactions on Consumer Electronics, Volume 58, Issue 3, 2012, Article number: 6311315, pp. 758-766. WOS:000309462400005. https://doi.org/10.1109/ICE.2012.6311315 .	4	4.00	Q2
8		Iqbal, Z., Nooshabadi, S., Lee, H.N., <i>Efficient interleaver design for MIMO-OFDM based communication systems on FPGA</i> , IEEE 16th International Symposium on Consumer Electronics (ISCE), IEEE Conference Publication (ICEEExplore), 2012, pp. 1-5. WOS: 000312151500050. https://doi.org/10.1109/ISCE.2012.6241740 .	4	2.00	
9		Zhang, K., Zhang, D., <i>Improve Throughput of Ad Hoc Networks Using Power Controlled Busy Tone</i> , IEICE TRANSACTIONS on Communications, Vol. E92-B, No+D3.12, 2009, pp. 3784-3793. WOS: 000273191000026. http://search.ieice.org/bin/summary.php?id=e92-b_12_3784	4	2.00	
10	Colda, R., Palade, T., Puschita, E., Vermeşan, I., Moldovan, A., <i>Mobile WiMAX: System performance on a vehicular multipath channel</i> , 2010 Proceedings of the Fourth European Conference on Antennas and Propagation (EuCAP), Barcelona, Spain, April 12-16, 2010, E-ISBN: 978-84-7653-472-4, Print ISBN: 978-1-4244-6431-9, p. 1-5. WOS: 000296541703158.	Carro-Lagoa, A., Suárez-Casal, P., García-Naya, J. A., Fraga-Lamas, P., Castedo, L., & Morales-Méndez, A., <i>Design and implementation of an OFDMA-TDD physical layer for WiMAX applications</i> , EURASIP Journal on Wireless Communications and Networking, 2013(1), 2013:243, doi:10.1186/1687-1499-2013-243, pp. 1-19. WOS: 000326816200001. https://doi.org/10.1186/1687-1499-2013-243 . https://link.springer.com/article/10.1186/1687-1499-2013-243 .	5	3.20	
11		Suárez-Casal, P., Carro-Lagoa, A., García-Naya, J., Fraga-Lamas, P., Castedo, L., Morales-Méndez, A., <i>A Real-Time Implementation of the Mobile WiMAX ARQ and Physical Layer</i> , Journal of Signal Processing Systems, ISSN 1939-8018, doi: 10.1007/s11265-014-0890-3, http://dx.doi.org/10.1007/s11265-014-0890-3 , Springer US, 2014, pp. 1-15. WOS: 000349011900006. https://doi.org/10.1007/s11265-014-0890-3 . http://link.springer.com/article/10.1007/s11265-014-0890-3 .	5	1.60	
12		Dusza, B., Ide, C., Wietfeld, C., <i>Interference aware throughput measurements for mobile WiMAX over vehicular radio channels</i> , Wireless Communications and Networking Conference Workshops (WCNCW), 2012, pp. 383-387. WOS: 000309204200070. https://doi.org/10.1109/WCNCW.2012.6215527 .	5	1.60	



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14	Puschita, E., Constantinescu, A., Colda, R., Vermesan, I., Moldovan, A., Palade, T., <i>Challenges for a broadband service strategy in rural areas: A Romanian case study</i> , Telecommunications Policy, vol. 38, no. 2, Mar. 2014, p. 147-156. doi: 10.1016/j.telpol.2013.08.001, WOS: 000335875800003. (IF=2.000, Q2).	Schneir, J. R., & Xiong, Y. (2016). <i>A cost study of fixed broadband access networks for rural areas</i> . Telecommunications Policy. WOS: 000381951300004. https://doi.org/10.1016/j.telpol.2016.04.002 . http://www.sciencedirect.com/science/article/pii/S0308596116300283	6	2.67	Q2
15		Jefferies, N., David, K., <i>Handbook on ICT in Developing Countries: 5G Perspective Foreword</i> , Book Series: River Publishers Series in Communications, Pages: XV+, 2017, WOS: 000415941600001. https://www.riverpublishers.com/book_details.php?book_id=407	6	1.33	
16		Latif, Z., Xin, W., Khan, D., Iqbal, K., Pathan, ZH., Salam, S., Jan, N., <i>ICT and sustainable development in South Asian countries</i> , Human System Management, Volume: 36 Issue: 4 Pages: 353-362, doi: 10.3233/HSM-17166, 2017. WOS: 000416674900007. https://content.iospress.com/articles/human-systems-management/hsm17166 .	6	1.33	
17		Matteucci N., <i>The EU State aid policy for broadband: An evaluation of the Italian experience with first generation networks</i> , Telecommunications Policy. 2019 Jun 8:101830. WOS: 000496342300007. https://doi.org/10.1016/j.telpol.2019.101830 .	6	2.67	Q2
18		Idongesit, W., <i>Public-private-community organizational and financial strategy for developing 5G infrastructure and services in Rural Asia: The case of Thailand, Indonesia, and the Philippines</i> (2017). Handbook on ICT in Developing Countries: 5G Perspective English, pp. 277-312. WOS: 000415941600014. https://www.forskningsdatabasen.dk/en/catalog/2477371498 .	6	1.33	
19	Androne, C., Palade, T., Puschita, E., Moldovan, A., Vermesan, I., Colda, R., <i>Study of Co-channel Cross-layer Interference for the Downlink Communication in Femtocell Networks</i> , International Symposium on Signals, Circuits and Systems (ISSCS 2011), June 30 - July 01, 2011, Iasi, Romania, ISBN: 978-1-4577-0201-3, doi: 10.1109/ISSCS.2011.5978657, p.61-64. WOS: 000337925400015.	S. Jagadeesan, J. Riihijärvi and M. Petrova, <i>Impact of Three-Dimensionality of Pentacell Deployments on Aggregate Interference Estimation</i> , 2015 IEEE 26th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), Hong Kong, 2015, pp. 737-742. doi: 10.1109/PIMRC.2015.7343395. WOS: 0003779009000138. https://doi.org/10.1109/PIMRC.2015.7343395 .	6	1.33	



20		Diaa El-Din, Nancy, Essam A. Sourour, Karim G. Seddik, Ibrahim A. Ghaleb, <i>Coordinated partial co-channel deployment in two-layer networks</i> , IEEE International Conference on Computing, Networking and Communications (ICNC), d.o.i. 10.1109/ICCNC.2013.6504257, INSPEC Accession Number: 13457769, 2013, pp. 1162-1167. WOS: 000321210800215. https://doi.org/10.1109/ICCNC.2013.6504257 .	6	1.33
21		S. Ebrahimi, J. Riihijarvi and M. Petrova, <i>Studying the performance and robustness of frequency allocation schemes for LTE HetNets</i> , 2016 IEEE International Conference on Communications (ICC), Kuala Lumpur, 2016, pp. 1-6. doi: 10.1109/ICC.2016.7511016, WOS: 000390993202049. https://doi.org/10.1109/ICC.2016.7511016 .	6	1.33
22		Zakaria, A. A., Saeed, R. A., <i>A review in interference analysis and management between hierarchical and flat architectures communications</i> , IEEE International Conference on Computing, Electrical and Electronics Engineering (ICCEEE), 2013, doi: 10.1109/ICCEEE.2013.6633924, pp. 153-159. WOS: 000344372100026. https://doi.org/10.1109/ICCEEE.2013.6633924 .	6	1.33
23	Chira, L., Palade, T., Puschita, E., Dumitrescu, R., <i>Performance Analysis of Spatial Diversity Schemes on an 802.11 a PHY Platform</i> , 7 th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'05), Sept. 28-30, 2005, Niš, Serbia and Montenegro, ISBN: 0-7803-9164-0, doi: 10.1109/TELSIKS.2005.1572072, p. 101-104. WOS: 000233336900023.		4	2.00
24	Moldovan, A., Palade, T., Puschita, E., Vermesan I., Coida R., <i>Performance Evaluation of STBC MIMO Systems with Linear Precoding</i> , TELFOR Journal, ISSN 1821-3251, Vol. 2, Nr. 1, 2010, p.22-26.	Hendre, V. S., Murugan, M., <i>Performance of precoded orthogonal space time block code MIMO system for mobile WiMAX system</i> , IEEE International Conference on Communications and Signal Processing (ICCS), doi: 10.1109/iccsp.2013.6577003, INSPEC Accession Number: 13711564, 2013, pp. 5-8. WOS: 000327328000002. https://doi.org/10.1109/iccsp.2013.6577003 .	5	1.60
25		Alam, SMS., Abdullah-Al-Mamun, Shoaib, SM., <i>Analysis of Orthogonal Space Time Block Codes Exploiting CSI in LIT Communication</i> , 4th International Conference on Advances in Electrical Engineering (ICAEE), Independent Univ, Dhaka, BANGLADESH, 2017, ISBN:978-1-5386-0869-2, ISSN: 2378-2668. WOS: 000428083300058. https://doi.org/10.1109/ICAEE.2017.8255373 .	5	1.60

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26	Moldovan, A., Palade, T., Pișteș, A.-M., Puschita, E., Colda, R., Vermesan, I., Androne, C., <i>Spatial Multiplexing and Diversity in a MIMO based WLAN System</i> , 2010 8 th International Conference on Communications (COMM), Bucharest, Romania, June 10-12, 2010, doi: 10.1109/ICCOMM.2010.5509013, ISBN: 978-1-4244-6360-2, vol 2., p. 355-358. WOS: 000299870700084.	Chung, Feng-Hsu, Chang-Ming Lai, Chun-Hsiang Chi, Chia-Hao Tu, Ping-Hsun Wu, Jian-Yu Li, <i>A 1.9–2.6 GHz router switch IC for MIMO applications in 0.18 μm CMOS technology</i> , IEEE 2013 Asia-Pacific Microwave Conference Proceedings (APMC), doi: 10.1109/APMC.2013.6694905, 2013, pp. 710-712. WOS: 0003308519000230. https://doi.org/10.1109/APMC.2013.6694905 .	7	1.14	
27	Pastrav, A., Puschita, E., Palade, T., <i>HCCA Support in IEEE 802.11 Networks - QoS and QoE Performance Evaluation</i> , 2012 10 th International Symposium on Electronics and Telecommunications, Timisoara, Romania, November 15-16, 2012, d.o.i: 10.1109/ISETC.2012.6408084, ISBN: 978-1-4673-1175-5, p. 139-142. WOS: 000318702700032.	Al-Maqri, MA., Alrshah, MA., Othman, M., <i>Review on QoS Provisioning Approaches for Supporting Video Traffic in IEEE802.11e: Challenges and Issues</i> , IEEE ACCESS, Volume: 6 Pages: 55202-55219, DOI: 10.1109/ACCESS.2018.2872770, 2018, ISSN: 2169-3536, WOS: 000448032100001. https://doi.org/10.1109/ACCESS.2018.2872770 .	3	5.33	Q1
28		Costa, R., Portugal, P., Vasques, F., Montez, C., Moraes, R., <i>Limitations of the IEEE 802.11 DCF, PCF, EDCA and HCCA to handle real-time traffic</i> , 2015 IEEE International Conference on Industrial Informatics, INDIN 2015, pp. 931-936. WOS:000380453900136. https://doi.org/10.1109/INDIN.2015.7281860 .	3	2.67	
29		Ruscelli, AL., Cecchetti, G., <i>Improving the QoS of IEEE 802.11e networks through imprecise computation</i> , INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING, Volume: 23 Issue: 3-4 Pages: 152-167 Special Issue: SI, doi: 10.1504/IJAHUC.2016.10000376, 2016, WOS: 0003930505000003. https://doi.org/10.1504/IJAHUC.2016.079262 .	3	2.67	
30	Puschita, E., Palade, T., <i>Performance Analysis of Contention-Based Channel Access Mechanisms of 802.11 DCF and 802.11e EDCA</i> , 9 th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'09), October 07-09, 2009, Niš, Serbia, doi: 10.1109/TELSKS.2009.5339449, vol. 2, p. 548-551. WOS: 000289094600109.	Meng, Jin Shi, Yao Hua, Ming Jiang, Huijun Che, Lei Chen, <i>Wide band MIMO waveguide design for metro application</i> , Ji, 2013 IEEE International Conference on Intelligent Rail Transportation (ICIRT), 2013, doi: 10.1109/ICIRT.2013.6696263, pp. 32-36. WOS: 000330587200006. https://doi.org/10.1109/ICIRT.2013.6696263 .	2	4.00	

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32	<p>Caruntu A., Nica, A., Todorean G., Puschita E., Buza, O., <i>An Improved Method for Automatic Classification of Speech</i>, IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, May 25-28, 2006, ISBN: 1-4244-0360-X, doi: 10.1109/AQTR.2006.254578, vol. 1, p. 448-451. WOS: 000241459500086.</p>	<p>Algabri, M., Bencherif, MA., Alsulaiman, M, Muhammad, G., Mekhtiche, MA, <i>Soft Computing Techniques for Classification of Voiced/Unvoiced Phonemes</i>, INTELLIGENT AUTOMATION AND SOFT COMPUTING, Volume: 24 Issue: 2 Pages: 267-273, DOI: 10.1080/10798587.2017.1278961, Published: JUN 2018, ISSN: 1079-8587, WOS: 000443491400006. https://www.tandfonline.com/doi/ref/10.1080/10798587.2017.1278961?scroll=top</p>	5	1.60
33		<p>Yu, HF., <i>Bibliographic automatic classification algorithm based on semantic space transformation</i>, Multimedia Tools and Applications (2019). ISSN 1380-7501, Volume: 79, Issue: 13-14, Pages: 9283-9297. WOS: 000524950600052. https://doi.org/10.1007/s11042-019-7400-3.</p>	5	3.20 Q2
34	<p>Puschita, E., Palade, T., Chira, L., <i>Performance Evaluation of DCF vs. EDCF Data Link Layer Access Mechanisms for Wireless LAN Scenarios: QoS Perspective</i>, 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS 2005), September 28-30, 2005, Niš, Serbia and Montenegro, ISBN 0-7803-9164-0, doi: 10.1109/TELSKS.2005.1572127, vol. 2, p. 356-359. WOS: 000233336900073.</p>	<p>Verma, R., Bhushan, B., <i>QoS Model for Intranet Area Network Based on Media Access Control Protocol over TCP Connection</i>, Conference on IT in Business, Industry and Government (CSIBIG), Sri Aurobindo Inst Technol, Indore, INDIA, 2014, WOS: 000380566600058. https://doi.org/10.1109/CSIBIG.2014.7056987.</p>	3	2.67
35	<p>Pastrav, A., Ene, H., Bara, A., Palade, T., Puschita, E., <i>Deploying an LTE cell in an urban area: planning and traffic performance analysis</i>, Proceedings of the 11th International Symposium on Electronics and Telecommunication (ISETC 2014), ISBN: 978-1-4799-7267-8, doi: 10.1109/ISETC.2014.7010784, Timisoara, Romania, 14-15 Nov. 2014. WOS: 000366633300049.</p>	<p>S. Debnath, S. Roy, S. Baishya, D. Sen and W. Arif, <i>Approaches for Disaster Communication Backbone Network in Operator Independent Scenario</i>, 2017 IEEE International Conference on Computational Intelligence and Computing Research (ICCI), Coimbatore, India, 2017, pp. 1-6. doi: 10.1109/ICCI.2017.8524393. WOS:000456303900145. https://doi.org/10.1109/ICCI.2017.8524393.</p>	5	1.60

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<p>36</p> <p>B. Rares, C. Codau, A. Pastrav, T. Palade, Hedesiu H., Balauta B, Puschita E. <i>Experimental Evaluation of AoA Algorithms using NI USRP Software Defined Radios</i>, 17th RoEduNet Conference: Networking in Education and Research (RoEduNet), Cluj-Napoca, Romania, 2018, p. 1-6. doi: 10.1109/ROEDUNET.2018.8514133, WOS: 000517570500011.</p>	<p>A. A. Hussain, N. Tayem, A. Soliman and R. M. Radaydeh, <i>FPGA-Based Hardware Implementation of Computationally Efficient Multi-Source DOA Estimation Algorithms</i>, IEEE Access, vol. 7, pp. 88845-88858, 2019. doi: 10.1109/ACCESS.2019.2926335, WOS: 000476810800027, https://doi.org/10.1109/ACCESS.2019.2926335.</p>	<p>7</p>	<p>2.29</p>	<p>Q1</p>
<p>37</p>	<p>T. Izydorczyk, F. M. L. Tavares, G. Berardinelli and P. Mogensen, <i>A USRP-based multi-antenna testbed for reception of multi-site cellular signals</i>, IEEE Access. doi: 10.1109/ACCESS.2019.2952094, WOS: 000498697300001. https://doi.org/10.1109/ACCESS.2019.2952094.</p>	<p>7</p>	<p>2.29</p>	<p>Q1</p>
<p>38</p> <p>Pastrav, A., Simeononi, R., Palade, T., Codau, C., Dolea, P., Puschita, E., <i>The Alphasat Experiment at Cluj-Napoca – Preliminary Results</i>, ISETC 2018, Timisoara, Romania, 2018, p. 1-4. doi: 10.1109/ISETC.2018.8583877, WOS: 000463031500051.</p>	<p>A. Z. Papafragkakis, C. I. Kourgiorgas and A. D. Panagopoulos, <i>Site-diversity Ka-band Satellite Propagation Campaign in Attica, Greece using ALPHASAT: First 2-years results</i>, in IEEE Antennas and Wireless Propagation Letters. doi: 10.1109/LAWP.2019.2938059, WOS: 000492409600034. https://doi.org/10.1109/LAWP.2019.2938059.</p>	<p>6</p>	<p>2.67</p>	<p>Q2</p>
<p>39</p> <p>Coldă, R. M., Palade, T., Puschita, E., Vermeșan, I., Moldovan, A., <i>Transmission Performance Evaluation of Mobile WiMAX Pedestrian Environments</i>, 17th Telecommunications forum TELFOR, Serbia, Belgrade, November 24-26, 2009, p. 382-385.</p>	<p>Q. D. Nguyen, T. T. Luu, L. H. Pham and T. M. Nguyen, <i>Inter-Carrier Interference suppression combined with channel estimation for mobile OFDM system</i>, 2016 Second Asian Conference on Defence Technology (ACDT), Chiang Mai, 2016, pp. 61-66. doi: 10.1109/ACDT.2016.7437644, WOS: 000382144900012. https://doi.org/10.1109/ACDT.2016.7437644.</p>	<p>5</p>	<p>1.60</p>	
<p>40</p>	<p>Pham Hong Lien, Nguyen Duc Quang and Luu Thanh Tra, <i>Extended Kalman Filter for channel and carrier frequency offset estimation</i>, 2017 International Conference on System Science and Engineering (ICSSE), Ho Chi Minh City, 2017, pp. 61-65. WOS: 000427048400014. https://doi.org/10.1109/ICSSE.2017.8030838.</p>	<p>5</p>	<p>1.60</p>	
<p>41</p> <p>Popescu, D. Jacques, P., Bernard, M., Dumitru, R., Pastrav, A., Puschita, E., <i>Information Dissemination Speed in Delay Tolerant Urban Vehicular Networks in a Hyperfractal Setting</i>, IEEE/ACM Transactions on Networking, vol. 27, no. 5, Oct. 2019, p. 1901-1914, doi: 10.1109/TNET.2019.2936636, WOS: 000502059800010. (IF=3.597, Q1).</p>	<p>Chang An, Celimuge Wu, <i>Traffic big data assisted V2X communications toward smart transportation</i>, Wireless Networks, doi: 10.1007/s11276-019-02181-6. WOS: 000495022000001. https://doi.org/10.1007/s11276-019-02181-6.</p>	<p>6</p>	<p>2.67</p>	<p>Q2</p>
<p>42</p>	<p>Zeinab El-Rewini, Karthikeyan Sadatsisharan, Daisy Flora Selvaraj, Siby Jose Plathollam, Prakash Ranganathan, <i>Cybersecurity challenges in vehicular communications</i>, Vehicular Communications, 2019, ISSN 2214-2096, WOS: 000529309200003. https://doi.org/10.1016/j.vehcom.2019.100214.</p>	<p>6</p>	<p>2.67</p>	<p>Q2</p>

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43	Jecan, E., Pop, C., Padrah, Z., Ratiu, O., Puschita, E. , A dual-standard solution for industrial Wireless Sensor Network deployment: <i>Experimental testbed and performance evaluation</i> , 14 th IEEE International Workshop on Factory Communication Systems (WFCS), Imperia, 2018, p. 1-9. doi: 10.1109/WFCS.2018.8402360, WOS: 000490863500024.	Seferagić, A., Famaey, J., De Poorter, E., Hoebeke, J., <i>Survey on Wireless Technology Trade-Offs for the Industrial Internet of Things</i> , Sensors 2020, 20, 488. https://doi.org/10.3390/s20020488 , WOS: 000517790100162.	5	3.20	Q1
44		D. Valadares, J. de Araújo, A. Perkusich, M. Spohn, E. Melcher, A. Costa, F. Ramos, N. Albuquerque, <i>Performance Evaluation of an IEEE 802.11g Network in an Industrial Environment</i> , IEEE Latin America Transactions, vol. 18, no. 05, pp. 947-953, May 2020, doi: 10.1109/TLA.2020.9082924. https://doi.org/10.1109/TLA.2020.9082924 .	5	1.60	
45	Ratiu, O., Panagiotopoulos, N., Vos, S., Puschita, E. , Wireless Transmission of Sensor Data over UWB in Spacecraft Payload Networks, 2018 6th IEEE International Conference on Wireless for Space and Extreme Environments (WISEE), Huntsville, AL, USA, 2018, pp. 131-136. doi: 10.1109/WISEE.2018.8637336, WOS:000462976300022.	M. A. Hossain, Z. Pan, M. Saito, J. Liu, S. Shimamoto, <i>Multiband Massive Channel Random Access in Ultra-Reliable Low-Latency Communication</i> , IEEE Access, 2020, doi: 10.1109/ACCESS.2020.2989772. https://doi.org/10.1109/ACCESS.2020.2989772 .	4	4.00	Q1
46	Semenciu E., Pastrav A., Palade T., Puschita E. , <i>SDWN for End-to-End QoS Path Selection in a Wireless Network Ecosystem</i> , Future Access Enablers for Ubiquitous and Intelligent Infrastructures (FABULOUS 2017), Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241, pp 134-140, 2018. WOS: 000481658200020.	Letswamotse, Babedi & Malekian, Reza & Modieginyane, Kgotlaetsile. (2019). <i>Adaptable QoS provisioning for efficient traffic-to-resource control in software defined wireless sensor networks</i> . Journal of Ambient Intelligence and Humanized Computing. https://doi.org/10.1007/s12652-019-01263-9 .	4	2.00	
47	Pastrav, A., Bara, A., Palade, T., Puschita, E. , <i>Assessing VoLTE performances for fundamental E-UTRAN technologies</i> , 7 th International Conference on Telecommunications and Signal Processing (TSP 2014), Berlin, Germany, ISBN: 978-80-214-4983-1, ISSN: 1805-5435, July 1-3, 2014, p. 177-182. WOS: 000375231000068.	Yang, J., Liu, A., Elmishad, K., Rawat, A., Li, M., Rawat, V., <i>Dynamic HARQ optimization for voice over LTE</i> , in: IEEE International Conference on Communications. Institute of Electrical and Electronics Engineers Inc., 2018. doi:10.1109/ICC.2018.8422222, WOS: 000519271300144. https://doi.org/10.1109/ICC.2018.8422222 .	6	1.333	

Total punctaj Citări în cărți, reviste și volume ale unor manifestări științifice (ISI Journals și ISI Proceedings) (A3.1.1) 105.181

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A3.1.2 Citări în cărți, reviste și volume ale unor manifestări științifice BDI (IEEEExplore, DBLP, ACM, SCOPUS, SpringerLink)

Nr.	Articol citat	Articol care citează	Nr. aut. art. citat	Punctaj	Indexare
1	Palade T., Puschita, E., <i>Requirements for a New Resource Reservation Model in Hybrid Access Wireless Network</i> , The 11 th WSEAS International Conference on Communications, Vol 3: Advances in Communications, 23-25 July, 2007 ISSN: 1109-2742, p. 377-384. WOS: 000249811700067.	Yuhong, Z., Salari, E., <i>Modeling and Analysis of a Hybrid CAC Scheme in Heterogeneous Multimedia Wireless Networks</i> , doi: 10.4018/jhcr.2012010102, International Journal of Handheld Computing Research (IJHCR) Vol. 3, No. 1, 2012, pp. 23-36. http://www.igi-global.com/article/content/64363 .	2	2.00	DBLP, ACM
2		Estrada, L., Torres, D., Toral, H., <i>Analytical description of a parameter-based optimization of the quality of service for VoIP communications</i> , (2009) WSEAS Transactions on Communications, 8 (9), pp. 1042-1052. https://www.scopus.com/record/display.uri?eid=2-s2.0-72849123005&origin=resultslist	2	2.00	SCOPUS
3		Papazoglou, P.M., Karras, D.A., Papademetriou, R. C., <i>Improved integral channel allocation algorithms in cellular communication systems enabling multimedia QoS services</i> , (2008) WSEAS Transactions on Communications, 7 (10), pp. 1014-1023. https://www.scopus.com/record/display.uri?eid=2-s2.0-70450212055&origin=resultslist .	2	2.00	ACM, SCOPUS
4		Gani, A., Yang, L., Anuar, N.B., Zakaria, O., Taher, R.S., <i>Implementing lightweight reservation protocol for mobile network using hybrid schema</i> , (2009) WSEAS Transactions on Computers, 8 (3), pp. 417-428. https://www.scopus.com/record/display.uri?eid=2-s2.0-66349111619&origin=resultslist	2	2.00	ACM, SCOPUS
5		Papazoglou, P.M., Karras, D.A., Papademetriou, R.C., <i>On a new generation of event scheduling algorithms and evaluation techniques for efficient simulation modeling of large scale cellular networks bandwidth management based on multitasking theory</i> , (2008) WSEAS Transactions on Communications, 7 (10), pp. 1024-1034. https://www.scopus.com/record/display.uri?eid=2-s2.0-77955102987&origin=resultslist	2	2.00	ACM, SCOPUS
6		Toral, H., Torres, D., Estrada, L., <i>Simulation and modeling of packet loss on VoIP traffic: A power-law model</i> , (2009) WSEAS Transactions on Communications, 8 (10), pp. 1053-1063. https://www.scopus.com/record/display.uri?eid=2-s2.0-72849109139&origin=resultslist	2	2.00	ACM, SCOPUS

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7	Palade T., Puschita, E. , Bogdan, I., <i>Performance Evaluation of Wireless Systems implementing IEEE 802.16 Standard</i> , The 12 th WSEAS International Conference on COMMUNICATIONS, Heraklion, Greece, July 23-25, 2008, ISSN: 1790-5109, ISBN: 978-960-6766-85-5, pp78-81. WOS: 000260496700009.			3	1.33	DBLP, ACM
8		Islam, KR., Snow, CM., <i>A cost-effective distributed architecture to enable distance education over emerging wireless technologies</i> , Proceedings of the 10 th ACM conference on SIG-information technology education, 2009, pp. 182-188. https://dl.acm.org/doi/10.1145/1631728.1631777		3	1.33	ACM
9	Puschita, E. , Constantinescu, A., Colda, R., Vermesan, I., Moldovan, A., Palade, T., <i>Challenges for a broadband service strategy in rural areas: A Romanian case study</i> , Telecommunications Policy, vol. 38, no. 2, Mar. 2014, p. 147-156. doi: 10.1016/j.tepol.2013.08.001, WOS: 000335875800003. (IF=2.000, Q2).	Tiwari, S., Lane, M. and Alam, K., <i>The challenges and opportunities of delivering wireless high speed broadband services in Rural and Remote Australia: A Case Study of Western Downs Region (WDR)</i> . Australasian Conference on Information Systems Tiwari, Lane & Alam 2015, Adelaide. https://www.scopus.com/record/display.uri?eid=2-s2.0-85054411722&origin=resultslist		6	0.67	SCOPUS
10		Zhang, Xiaoqun., <i>Investigating the Broadband Divide of OECD Countries: A Representative Agent Perspective</i> . IJTD 11.1 (2020): 29-46. Web. 27 Dec. 2019. doi:10.4018/IJTD.2020010103. https://www.igi-global.com/gateway/article/242990		6	0.67	DBPL, ACM
11	Puschita, E. , Kantor, P., Manuliac, G., Palade, T., Bito, J., <i>Enabling Frame-Based Adaptive Video Transmission in a Multilink Environment</i> , Advances in Electrical and Computer Engineering, vol. 12, no. 2, 2012, pp. 9-14. doi:10.4316/AECE.2012.02002, WOS:000305608000002.	Goyal, Raman Kumar, and Sakshi Kaushal, <i>Design of transport layer bandwidth aggregation scheme for wireless applications</i> . International Journal of Systems, Control and Communications, doi: 10.1504/IJSCC.2016.077409, 7.3 (2016): 255-272. http://dx.doi.org/10.1504/IJSCC.2016.077409 , http://dl.acm.org/citation.cfm?id=2974436 .		5	0.80	ACM, SCOPUS
12		Belean, B., <i>High-throughput hardware architecture for LDPC decoders</i> (2018) Signals and Communication Technology, pp. 79-97. https://doi.org/10.1007/978-3-319-65025-8_3 .		5	0.80	Springerlink, SCOPUS
13	Colda, R. M., Palade, T., Puschita, E. , Vermešan, I., Moldovan, A., <i>Transmission Performance Evaluation of Mobile WiMAX Pedestrian Environments</i> , 17 th Telecommunications forum TELFOR, Serbia, Belgrade, November 24-26, 2009, p. 382-385.	N. Quang, P. Lien, N. Thang, L. Tra, <i>An Optimal Algorithm of Estimation Channel Combining Kalman Filter with Adaptive Guard Interval for Mobile WiMAX Standard</i> , 2012 IEEE RIVF International Conference on Computing & Communication Technologies, Research, Innovation, and Vision for the Future, Ho Chi Minh City, 2012, pp. 1-4. doi: 10.1109/rivf.2012.6169848. https://doi.org/10.1109/rivf.2012.6169848 .		5	0.80	IEEEExplore

14		L. Pham-Hong, Q. Nguyen-Duc, T. Luu-Thanh, <i>Performance evaluation of channel estimation based on adaptive filters and adaptive guard interval for mobile WiMAX</i> , 2012 IEEE International Conference on Computer Science and Automation Engineering (CSAE), Zhangjiajie, 2012, pp. 283-287. doi: 10.1109/CSAE.2012.6272598. https://doi.org/10.1109/CSAE.2012.6272598 .	5	0.80	IEEEExplore
15		Q. N. Duc, L. P. Hong, T. L. Thanh, <i>An enhanced algorithm of channel estimation based on extended Kalman Filter for mobile WiMAX</i> , 2012 International Conference on Control, Automation and Information Sciences (ICCAIS), Ho Chi Minh City, 2012, pp. 132-136. doi: 10.1109/ICCAIS.2012.6466572. https://doi.org/10.1109/ICCAIS.2012.6466572 .	5	0.80	IEEEExplore
16	Colda, R., Palade, T., Puschita, E. , Vermeșan, I., Moldovan, A., <i>Mobile WiMAX: System performance on a vehicular multipath channel</i> , 2010 Proceedings of the Fourth European Conference on Antennas and Propagation (EuCAP), Barcelona, Spain, April 12-16, 2010, E-ISBN: 978-84-7653-472-4, Print ISBN: 978-1-4244-6431-9, p. 1-5. WOS: 000296541703158.		5	0.80	IEEEExplore
17	Puschita, E. , Palade T., Pitic R., <i>Wireless LAN Medium Access Techniques: QoS Perspective</i> , The 7 th International Symposium on Signals, Circuits and Systems (ISSCS 2005), July 14-15, 2005, Iași, Romania, ISBN 0-7803-9029-6, doi: 10.1109/ISSCS.2005.1509905, p. 267-270. WOS: 000231329000067.		3	1.33	Springerlink
18	Caruntu A., Nica, A., Todorean G., Puschita E. , Buza, O., <i>An Improved Method for Automatic Classification of Speech</i> , IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, May 25-28, 2006, ISBN: 1-4244-0360-X, doi: 10.1109/AQTR.2006.254578, vol. 1, p. 448-451. WOS: 000241459500086.		5	0.80	SCOPUS
19		T. V. Ananthapadmanabha, A. G. Ramakrishnan, A. Madhavaraj, P. Balachandran, <i>Discrimination of Sonorants from Fricatives Using a Scalar Feature Derived from Linear Prediction Coefficients</i> , 2018 15th IEEE India Council International Conference (INDICON), Coimbatore, India, 2018, pp. 1-6. https://doi.org/10.1109/INDICON45594.2018.8986997 .	5	0.80	IEEEExplore

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20	Pastrav, A., Puschita, E., Palade, T., GPStation-6 Employment for GNSS TEC Monitoring in SIRIUS Project, 12 th International Symposium on ELECTRONICS AND TELECOMMUNICATIONS (ISETC 2016), ISBN 978-1-5090-3748-4, doi: 10.1109/ISETC.2016.7781058, Timișoara, Romania, Oct 25-26, 2016. WOS: 000383221900051.	Nazish Yousof, Abrar Ahmad, Maryum Hamdani, Maryum Ashfaq, Hania Siddiqui. 2019. <i>Investigation of Modern Tools and Techniques Provided by Modeling Editors: A Survey</i> . In Proceedings of the 2019 7th International Conference on Computer and Communications Management (ICCCM 2019). ACM, New York, NY, USA, 96-103. https://doi.org/10.1145/3348445.3348468 . https://dl.acm.org/doi/10.1145/3348445.3348468 .	3	1.33	ACM
21	Ratiu, O., Rusu, A., Pastrav, A., Palade, T., Puschita, E., Implementation of an UWB-based Module Designed for Wireless Intra-Spacecraft Communications, Proceedings of 2016 IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2016), Aachen, Germany, 2016, p. 146-151. doi: 10.1109/WISEE.2016.7877320. WOS: 000405562000027	E. Ciaramella et al., TOWS: <i>Introducing Optical Wireless for Satellites</i> , 21 st International Conference on Transparent Optical Networks (ICTON), Angers, France, 2019, pp. 1-4. doi: 10.1109/ICTON.2019.8840565, https://doi.org/10.1109/ICTON.2019.8840565 .	4	1.00	IEEEExplore
22		A. Rusu, P. Dobra, <i>Channel Hopping in Wireless Process Control</i> , 23 rd International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2019, pp. 67-72. doi: 10.1109/ICSTCC.2019.8885879. https://doi.org/10.1109/ICSTCC.2019.8885879 .	4	1.00	IEEE
23	Ratiu, O., Panagiotopoulos, N., Vos, S., Puschita, E., Wireless Transmission of Sensor Data over UWB in Spacecraft Payload Networks, 2018 6th IEEE International Conference on Wireless for Space and Extreme Environments (WISEE), Huntsville, AL, USA, 2018, pp. 131-136. doi: 10.1109/WISEE.2018.8637336, WOS:000462976300022.	A. Lübken, M. Drobczyk, <i>Maximizing Throughput in Deterministic and Low Latency Intra-Spacecraft UWB Sensor Networks</i> , IEEE International Conference on Wireless for Space and Extreme Environments (WISEE), Ottawa, ON, Canada, 2019, pp. 35-40. doi: 10.1109/WISEE.2019.8920312. https://doi.org/10.1109/WISEE.2019.8920312 .	4	1.00	IEEE

Total punctaj Citări în cărți, reviste și volume ale unor manifestări științifice BDI (IEEEExplore, DBLP, ACM, SCOPUS, SpringerLink) (A3.1.2) 28.067

Nota:

1. Link-urile lucrărilor indexate în baza de date SCOPUS sunt disponibile pentru utilizatori autentificați în baza de date SCOPUS. O lista completă a lucrărilor care citează indexate în baza de date SCOPUS este anexată dosarului de concurs.

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A3.2 Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor internaționale indexate ISI

Nr.	Descriere	Perioada	Punctaj
1	Membru în comitetul științific (TPC) al conferinței IEEE International Conference on Communications (COMM) - cu indexarea lucrărilor în ISI Proceedings. Lista membrilor din comitetul științific: https://www.comms.ro/comm2014/technical.html ; https://www.comms.ro/comm2016/technical-program-committee.html ; https://www.comms.ro/comm2018/committees.html .	2014 - prezent	10.000
2	Chair WIRELESS COMMUNICATIONS 1, IEEE International Conference on Communications (COMM) 2014, Programul conferinței: http://www.comms.ro/comm2014/comm2014-program.pdf .	2014	10.000
3	Membru în comitetul științific (TPC) al conferinței 3rd International Conference on Advances in Future Internet - cu indexarea lucrărilor în ISI Proceedings. Lista membrilor din comitetul științific: https://www.iaria.org/conferences2011/ComAFIN11.html .	2011 - prezent	10.000
4	Membru în comitetul științific (TPC) al conferinței International Symposium on Distributed Simulation and Real Time Applications (IEEE/ACM DS-RT 2020) - cu indexarea lucrărilor în ISI Proceedings. Lista membrilor din comitetul științific: http://ds-rt.com/2020/committee .	2020 - prezent	10.000
Total punctaj Membru în comitetele științifice, co-chair sau membru în comitetele de organizare ale manifestărilor internaționale indexate ISI (A3.2)			40.000

A3.4 Premii în domeniul conferite de Academia Romană, ASTR, AOSR sau premii internaționale de prestigiu

Nr.	Descriere	Anul	Punctaj
1	Best Paper Award cu lucrarea <i>Intra-System Mobility Evaluation for Different Wireless Technologies</i> . Premiul obținut în cadrul manifestării International Conference on Wireless and Mobile Communications, ICWMC 2006. http://www.iaria.org/conferences2006/AwardsICW06.html	2006	15.000
2	Best Paper Award cu lucrarea <i>QoS Support in UMS Networks: Performance Evaluation and Perspectives towards an Autonomous Resource Management</i> . Premiul obținut în cadrul manifestării The Third International Conference on Advances in Future Internet, AFIN 2011, http://www.iaria.org/conferences2011/AwardsAFIN11.html	2011	15.000
3	Best Paper Award cu lucrarea <i>Implementation of an UWB-based Module Designed for Wireless Intra-Spacecraft Communications</i> . Premiul obținut în cadrul manifestării IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2016), Aachen, Germany.	2016	15.000
4	Certificate of Outstanding Contribution in Reviewing Award pentru recunoașterea contribuțiilor aduse la creșterea calității revistei Computer Networks (Elsevier Journal).	2017	15.000
5	Romanian Space Agency (ROSA) Award pentru contribuții deosebite la dezvoltarea activităților spațiale în România, Bucharest, Romania.	2018	15.000
6	Special Prize Award for the highest number of contributions to the Sixteenth IWAT Conference. Premiul obținut în cadrul manifestării IEEE International Workshop on Antenna Technology (IWAT 2020), Bucharest, Romania.	2020	15.000
Total punctaj Premii în domeniul conferite de Academia Romană, ASTR, AOSR sau premii internaționale de prestigiu (A3.4)			90.000
Total punctaj Activitatea de cercetare (A3)			263.248

