

Fisa de verificare a standardelor minime necesare si obligatorii pentru conferirea titlurilor didactice din invatamantul superior si a gradelor profesionale de cercetare stabilite prin OM 6560 / 2012

Candidat: **Conf.dr.ing. Emanuel-Dumitru PUȘCHIȚĂ**

Data: **05.12.2016**

Comisia: **Electronica, telecomunicatii si nanotehnologie**

Punctaj total: **906.050**

Nr.	Domeniul activitatilor			Subcategoriile	Indicatori (kpi)	Numar	Punctaj	FI	
0	1	2	3	4	5	6	7	8	
1	Activitatea didactica si profesionala (A1)	Carti si capitole de carti de specialitate in edituri recunoscute	Carti, monografii, capitole ca autor	A1.1.1.	internationale	25	0	0	
				A1.1.2	nationale	20	4	80	
		Material didactic/lucrari didactice	Manuale didactice	A1.2.1		10	4	40	
		Total punctaj (A1)							120
2	Activitatea de cercetare (A2)	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings		A2.1		(25+20 * fact.imp) /nr.autori	34	284.450	11.141
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)		A2.2		20/nr.autori	30	138.524	
		Proprietate intelectuala, brevete de inventie, certificate ORDA		A2.3.1	Internationale	35/nr.autori	0	0.000	0
				A2.3.2	nationale	25/nr.autori	0	0.000	0
		Granturi/proiecte castigate prin competitie	Director / responsabil	A2.4.1.1	Internationale	20*ani desf.	0	0	
				A2.4.1.2	nationale	10*ani desf.	2	50	
			Membru in echipa	A2.4.2.1	Internationale	4*ani desf.	7	66	
				A2.4.2.2	nationale	2*ani desf.	11	60	
Total punctaj (A2)							598.974	11.141	
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI	8/nr.aut art.citat	22	41.943	
				A3.1.2	BDI	4/nr.aut art.citat	33	44.133	
		Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat	Punctaj unic pentru fiecare activitate	A3.2.1	Internationale	10	1	10	
				A3.2.2	nationale	5	0	0	
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI	Punctaj unic pentru fiecare activitate	A3.3.1	ISI	10	1	10	
				A3.3.2	BDI	6	1	6	
				A3.3.3	nationale si internationale neindexate	3	5	15	
		Premii in domeniu		A3.4.1	Academia Romana, ASTR, academii de ramura, premii internationale	15	3	45	
A3.4.2	premiile nationale in domeniu			5	3	15			
Total punctaj (A3)							187.076		

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Conditii minimale (Ai)				
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit
A1	Activitatea didactica / profesionala (A1)	100	120.000	DA
A2	Activitatea de cercetare (A2)	500	598.974	DA
A3	Recunoasterea impactului activitatii (A3)	100	187.076	DA
Total (A)		700	906.050	DA

Conditii minimale obligatorii pe subcategorii		Necesar	Realizat	Indeplinit
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	4	4	DA
A1.2.1	Material didactic / Lucrari didactice	2	4	DA
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	12	34	DA
A2.4.1	Granturi/proiecte castigate prin competitie (Director/ responsabil)	2	2	DA
A3.1.1-A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20	55	DA
	Factor de impact cumulat pentru publicatii	6	11.141	DA

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Activitatea didactica si profesionala (A1)					
A1.1.1. Carti, monografii, capitole ca autor - internationale				Punctaj	Numar
				0	0

Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul
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A1.1.2. Carti, monografii, capitole ca autor - nationale				Punctaj	Numar
				80	4

Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul
1	Puschita, E., Pastrav, A., Semenciuc, E., Palade, T.,	Calitatea serviciilor în rețele de telecomunicații cu acces radio, ed. a 2-a revizuita și completată, Cluj-Napoca, Editura U.T.Press, ISBN 978-606-737-189-5, 320 pagini.	Editura U.T.Press	2016
2	Puschita, E.	Puschita, E., Calitatea serviciilor în rețele de telecomunicații cu acces radio, ed. I, Cluj-Napoca, Editura U.T.Press, ISBN 978-973-662-861-0, 232 pagini.	Editura U.T.Press	2013
3	Nicolaescu, S-V., Bogdan, I., Palade, T., Jurian, M., Puschita, E. s.a.	Rețele virtuale dispersate, ISBN 978-606-521-707-2, 192 pagini.	Editura PRINTECH	2011
4	Nicolaescu, S-V., Bogdan, I., Palade, T., Jurian, M., Puschita, E. s.a.	Rețele wireless de acces – Alocarea dinamică și autoorganizarea resurselor, ISBN 978-606-521-562-7, 403 pagini.	Editura PRINTECH	2010

A1.2.1. Material didactic/lucrari didactice					Punctaj	Numar
					40	4
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul		
1	Palade, T., Vermeșan, I., Colda, R., Moldovan, A., Puschita, E.	Radiocomunicații: îndrumător de laborator, ISBN 978-973-662-684-5, 126 pagini.	Editura U.T. PRESS	2012		
2	Palade, T., Moldovan, A., Puschita, E., Vermesan, I.	Microunde – Aplicații. Volumul II: Masuratori, antene, sisteme, ISBN 978-973-662-509-1, 142 pagini.	Editura U.T. PRESS	2010		
3	Puschita, E., Palade, T., Moldovan, A., Colda, R., Vermesan, I.	Radiocomunicații Celulare - canalul radio - antene - proiectarea sistemelor – Manual de laborator, ISBN 978-973-662-496-4, 170 pagini.	Editura U.T. PRESS	2009		
4	Crisan, N., Cremene, L., Palade, T., Puschita, E.	Microunde – Aplicații, Volumul I, ISBN 978-973-662-377-6, 120 pagini.	Editura U.T. PRESS	2008		

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Activitatea de cercetare (A2)							
A2.1. Articole in reviste cotate si in volumele unor manifestari indexate ISI Proceedings					Punctaj	Numar	FI cumulat
					284.450	34	11.141
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. autori	Punctaj		
1	Puschita, E., Constantinescu, A., Colda, R., Vermesan, I., Moldovan, A., Palade, T.	Challenges for a broadband service strategy in rural areas: A Romanian case study, Telecommunications Policy, ISSN: 0308-5961, d.o.i: 10.1016/j.telpol.2013.08.001, vol. 38, issue 2, martie 2014, pp. 147–156. Accession Number: WOS:000335875800003 http://www.sciencedirect.com/science/article/pii/S0308596113001171	1.594	6	9.480		
2	Puschita, E., Palade, T., Colda, R., Vermesan, I., Moldovan, A.	Radio Resource Adaptive Adjustment in Future Wireless Systems Based on Application Demands, International Journal of Computers Communications & Control, ISSN 1841-9836, vol. 8, no.1, 2013, pp. 111-126. Accession Number: WOS:000312043600013 http://univagora.ro/jour/index.php/ijccc/article/view/175/pdf_9	0.746	5	7.984		
3	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, doi:10.4316/AECE.2012.02002, vol. 12, no. 2, 2012, pp. 9-14. Accession Number: WOS:000305608000002 http://www.aece.ro/abstractplus.php?year=2012&number=2&article=2	0.555	5	7.220		
4	Crisan N., Cremene L., Puschita, E., Palade, T.	Evaluation of Adaptive Radio Techniques for the under-11GHz Broadband Wireless Access”, The IEEE 2nd International Conference on Computers, Communications & Control (ICCC 2008), 2008, Oradea, Romania, vol. 3, ISSN 1841-9836, pp. 232-237. Accession Number: WOS:000257497600033 http://www.journal.univagora.ro/download/pdf/285.pdf	0.746	4	9.980		

5	Semenciuc, E., Pastrav, E., Palade, T., Puschita, E.,	Performance Evaluation of a Cloud-based QoS Support Mechanism, IEEE 11th International Conference on Communications (COMM 2016), Bucharest, Romania, ISBN 978-1-4673-8196-3, doi: 10.1109/ICComm.2016.7528300, June 9-11, 2016, pp. 267- 270. Accession Number: WOS:000383221900051	0.25	4	7.500
6	Pastrav, A., Puschita, E., Palade, T.,	GPStation-6 Employment for GNSS TEC Monitoringin SIRIUS Project, IEEE Catalog Number: CFP1603L-CDR, ISBN 978-1-5090-3748-4, 12th International Symposium on ELECTRONICS AND TELECOMMUNICATIONS (ISETC 2016), Timișoara, România, Oct 25-26, 2016.	0.25	3	10.000
7	Pastrav, A., Palade, T., Puschita, E.	A Proposed Mechanism for Traffic Management During Gateway Outage Periods in High Throughput Satellite Systems, 38th International Conference on Telecommunications and Signal Processing (TSP 2015), DOI: 10.1109/TSP.2015.7296252, Praga, Cehia, 9-11 Iulie, 2015, pp. 200-204 . Accession Number: WOS:000375231000144	0.25	3	10.000
8	Pastrav, A., Bara, A., Palade, T., Puschita, E.	Improving VoLTE Performances by means of E-UTRAN Technologies, 7th International Conference on Telecommunications and Signal Processing (TSP 2014), Berlin, Germany, ISBN: 978-80-214-4983-1, ISSN: 1805-5435, July 1-3, 2014, pp. 177-182. Accession Number: WOS:000375231000068	0.25	4	7.500
9	Pastrav, A., Palade, T., Puschita, E.	VoLTE Performances in a 3D Modeled Campus Area, The 10th International Conference on Communications (COMM 2014), ISBN: 978-1-4799-2385-4, IEEE catalog number: CFP1441J-ART, doi: 10.1109/ICComm.2014.6866714, Bucharest, Romania, May 29-31, 2014, pp. 425-428. Accession Number: WOS:000345844600058	0.25	3	10.000

10	Pastrav, A., Tataru, D., Bara, A., Palade, T., Puschita, E.	Pastrav, A.E.I., Tataru, D., Moldovan, A., Palade, T., Puschita, E., Key Performance Indicators Evaluation for LTE Networks Implementation, 11th International Symposium on Electronics and Telecommunications, Timișoara, România, ISBN: 978-1-4799-7265-4, IEEE Catalog Number: CFP1403L-CDR, doi: 10.1109/ISETC.2014.7010782, November 14-15, 2014, pp. 201-204. Accession Number: WOS:000366633300047	0.25	5	6.000
11	Pastrav, A., Ene, H., Bara, A., Palade, T., Puschita, E.,	Deploying an LTE cell in an urban area: planning and traffic performance analysis, Proceedings of the 11th International Symposium on Electronics and Telecommunication (ISETC 2014), ISBN: 978-1-4799-7267-8, d.o.i.:10.1109/ISETC.2014.7010784, Timisoara, Romania, 14-15 Noiembrie 2014. Accession Number: WOS:000366633300049	0.25	5	6.000
12	Pastrav, A., Grapa, A-I, Palade, T., Puschita, E.	Performance analysis of mobility in 3G cellular UMTS and WLAN networks, 4th International Symposium on Electrical and Electronics Engineering (ISEEE 2013), Dunarea de Jos Univ Galati, Galati, Romania, Oct. 11-13, 2013, Accession Number: WOS:000335153400036, ISBN: 978-1-4799-2442-4, d.o.i. 10.1109/ISEEE.2013.6674342.	0.25	4	7.500
13	Pastrav, A., Semenciuc, E., Palade, T., Moldovan, A., Puschita, E.	QoS Support for Resource Performance evaluation of a fuzzy-based QoS support implementation, 4th International Symposium on Electrical and Electronics Engineering (ISEEE 2013), Dunarea de Jos Univ Galati, Galati, Romania, ISBN: 978-1-4799-2442-4, d.o.i. 10.1109/ISEEE.2013.6674338, Oct. 11-13, 2013, Accession Number: WOS:000335153400032	0.25	5	6.000
14	Pastrav, A., Puschita, E., Palade, T.	HCCA Support in IEEE 802.11 Networks - QoS and QoE Performance Evaluation, Conference Proceedings of the 2012 10th 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, IEEE Catalog Number: CFP1203L-CDR, pp. 139-142. Accession Number: WOS:000318702700032	0.25	3	10.000

15	Androne, C., Palade, T., Puschita, E., Moldovan, A., Vermesan, 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, d.o.i: 10.1109/ISSCS.2011.5978657, pp.61-64. Accession Number: WOS:000337925400015	0.25	6	5.000
16	Moldovan, A., Palade, T., Piştea, A-M., Puschita, E., Colda, R., Vermesan, I., Androne, C.	Spatial Multiplexing and Diversity in a MIMO based WLAN System, 2010 8th International Conference on COMMUNICATIONS (COMM), Bucharest, Romania, June 10-12, 2010, Accession Number: WOS:000299870700084, d.o.i.: 10.1109/ICCOMM.2010.5509013, ISBN 978-1-4244-6361-9, Print ISBN: 978-1-4244-6360-2, vol 2. INSPEC Accession Number: 11417256, pp. 355-358.	0.25	7	4.286
17	Colda, R., Palade, T., Puschita, E., Vermeşan, 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, pp. 1-5. Accession Number: WOS:000296541703158	0.25	5	6.000
18	Colda, R., Palade, T., Puschita, E., Moldovan, A., Vermeşan, I.	PER-Based Analysis of a Mobile WiMAX System, 18th 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, pp. 417-420. Accession Number: WOS:000296519300105	0.25	5	6.000
19	Moldovan A., Vermesan I., Palade T., Pistea, A-M, Colda R., Puschita E.	Adaptive potential of spatial transmission processing techniques, 18th International Conference on Microwave, Radar and Wireless Communications (MIKON 2010), June 14-16, 2010, Print ISBN: 978-1-4244-5288-0, pp. 1-4. Accession Number: WOS:000296519300110	0.25	6	5.000

20	Puschita, E., Palade, T.	Performance Analysis of Contention-Based Channel Access Mechanisms of 802.11 DCF and 802.11e EDCA, 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'09), October 07-09, 2009, Niš, Serbia, IEEE Catalog Number CFP09488, Print ISBN: 978-1-4244-4382-6, ISBN 978-1-4244-4381-9, Digital Object Identifier: 10.1109/TELSKS.2009.5339449, vol. 2, pp. 548-551. Accession Number: WOS:000289094600109	0.25	2	15.000
21	Colda, R., Palade, T., Puschita, E., Vermeşan, I., Moldovan, A.	ITU-R Channel Model Analysis for a Mobile WiMAX System, The 15th 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, pp. 316-321. Accession Number: WOS:000277288700062	0.25	5	6.000
22	Moldovan, A., Palade, T., Puschita, E., Neagu, A., Colda, R., Vermeşan, I.	Impact of CSIT Precoding on MIMO Systems Adaptability, The 15th International Conference on the Knowledge-Based Organization, Applied Technical Sciences and Advanced Military Technologies, "Nicolae Bălcescu" Land Forces Academy, Sibiu, November, 26-28, 2009, Accession Number: WOS:000277288700066, ISSN 1843-6722, pp.340-345.	0.25	6	5.000
23	Vermeşan, I., Palade, T., Puschita, E., Colda, R., Moldovan, A.	Adaptive Multiple Antenna Array Architectures for Implementation of IEEE 802.11n Specifications, The 15th 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, pp. 362-367. Accession Number: WOS:000277288700070	0.25	5	6.000
24	Puschita, E., Palade T., Frank-Uwe Andersen	A Mechanism for QoS Path Selection in a WLAN-UMTS Scenario: Mobile Agent Approach, 7th WSWAS International Conference on DATA NETWORKS, COMMUNICATIONS, and COMPUTERS (DNCOCO'08), Bucharest, Romania, November 07-09, 2008, Accession Number: WOS:000260496700009, ISSN: 1790-5109, ISBN: 978-960-474-020-8, pp. 91-97.	0.25	3	10.000

25	Palade T., Puschita, E., Bogdan, I.	Performance Evaluation of Wireless Systems implementing IEEE 802.16 Standard, The 12th WSEAS International Conference on COMMUNICATIONS, Heraklion, Greece, July 23-25, 2008, Accession Number: WOS:000260496700009, ISSN: 1790-5109, ISBN: 978-960-6766-85-5.	0.25	3	10.000
26	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, Rusia, d.o.i.: 10.1109/ICTEL.2008.4652707, Print ISBN: 978-1-4244-2035-3, pp. 1-6. Accession Number: WOS:000262437800097	0.25	4	7.500
27	Puschita E., Palade, T.,	Performance Comparison on the Last-Mile Access Segment for Different Wireless Technologies, 6-th RoEduNet International Conference (RoEduNet 2007), Craiova, Romania, November 23-24, 2007, ISBN 978-973-746-581-8, pp. 98-102. Accession Number: WOS:000264284900014	0.25	2	15.000
28	Palade T., Puschita, E.,	Requirements for a New Resource Reservation Model in Hybrid Access Wireless Network, WSEAS TRANSACTIONS on COMMUNICATIONS, Issue 3, Volume 7, March 2008, ISSN: 1109-2742, pp. 144-151. Accession Number: WOS:000249811700067	0.25	2	15.000
29	Crisan, N., Cremene, L., Puschita E.	FEC Performance Analysis for the under-11GHz 802.16 SC Specifications, 16th IST Mobile and Wireless C+B17ommunications Summit, Budapesta, HU, July 01-05, 2007, ISBN 978-963-8111-66-1, IEEE Catalog Number: 07EX1670C, Print ISBN: 963-8111-66-6, INSPEC Accession Number: 9795235, d.o.i.: 10.1109/ISTMWC.2007.4299091. Accession Number: WOS:000253451700062	0.25	3	10.000

30	Caruntu A., Nica, A., Todorean G., Puschita E., Buza, O.	An Improved Method for Automatic Classification of Speech, IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics (AQTR 2006), Cluj-Napoca, Romania, May 25-28, 2006, IEEE Catalog Number: 06EX1370, Print ISBN: 1-4244-0360-X, Digital Object Identifier: 10.1109/AQTR.2006.254578, INSPEC Accession Number: 9175375, vol. 1, pp. 448-451. Accession Number: WOS:000241459500086	0.25	5	6.000
31	Puschita, E., Palade T., Pitic R.	Wireless LAN Medium Access Techniques: QoS Perspective, The 7th International Symposium on Signals, Circuits and Systems (ISSCS 2005), July 14-15, 2005, Iași, Romania, IEEE Catalog Number 05EX1038, Print ISBN 0-7803-9029-6, d.o.i.: 10.1109/ISSCS.2005.1509905, INSPEC Accession Number: 8687986, vol.1 , pp. 267-270. Accession Number: WOS:000231532900067	0.25	3	10.000
32	Chira, L., Palade, T., Puschita, E., Dumitrean, R.	Performance Analysis of Spatial Diversity Schemes on an 802.11 a PHY Platform, 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS'05), September 28-30, 2005, Niš, Serbia and Montenegro, IEEE Catalog Number 05EX1072, Print ISBN: 0-7803-9164-0, Digital Object Identifier: 10.1109/TELSKS.2005.1572072, INSPEC Accession Number: 8802166, vol.1 , pp. 101-104. Accession Number: WOS:000233336900023	0.25	4	7.500
33	Puschita, E., Palade, T., Chira, L.	Performance Evaluation of DCF vs. EDCF Data Link Layer Access Mechanisms for Wireless LAN Scenarios: QoS Perspective, 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS 2005), September 28-30, 2005, Niš, Serbia and Montenegro, IEEE Catalog Number 05EX1072, Print ISBN 0-7803-9164-0, INSPEC Accession Number: 8788667, Digital Object Identifier: 10.1109/TELSKS.2005.1572127, vol. 2, pp. 356-359. Accession Number: WOS:000233336900073	0.25	3	10.000

34	Puschita, E., Palade, T., Szekely, M.	Performances analysis of the WCDMA downlink channel, Joint First Workshop on Mobile Future and Symposium on Trends in Communications (SymptoTIC '03), Bratislava, SK, IEEE Catalog Number: 03EX727, Print ISBN: 0-7803-7993-4, d.o.i.: 10.1109/TIC.2003.1249088, INSPEC Accession Number: 7907153, October 26-28, 2003, pp 55-58. Accession Number: WOS:000189349700015	0.25	3	10.000
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A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)					Punctaj	Numar
					138.524	30
Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. autori	Punctaj	
1	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), ISBN: 978-1-5090-2609-8, IEEE Catalog Number: CFP1632U-ART, Aachen, Germany, September 26–28, pp. 146-151, 2016.	IEEEXplore	5	4.000	
2	Muresan, O. A., Pastrav, A., Puschita, E., Palade, T.,	Ionospheric HF Channel Modeling and End-to-End HF System Simulation, vol. 56, nr. 4/2015, Acta Tehnica Napocensis - Electronics and Telecommunications, pp. 26-31.	ProQuest, getCITED, IndexCopernicus	4	5.000	
3	Postiniuc, A., Pastrav, A., Puschita, E., Arsinte, R., Palade, T.	Determination Of The TEC Parameter based on GPS received Signals, vol. 56, nr. 4/2015, Acta Tehnica Napocensis - Electronics and Telecommunications, pp. 32-37. Indexed by: ProQuest, getCITED, GoogleScholar, IndexCopernicus.	ProQuest, getCITED, IndexCopernicus	5	4.000	
4	Domuta, I., Palade, T., Puschita, E., Ratiu, O., Arsinte, R.	ISA100.11a Capabilities For Intra-Spacecraft Communication, vol. 56, nr. 2/2015 Acta Tehnica Napocensis - Electronics and Telecommunications, pp. 14-19. Indexed by: ProQuest, getCITED, GoogleScholar, IndexCopernicus.	ProQuest, getCITED, IndexCopernicus	5	4.000	
5	Pastrav, A.E.I., Palade, T., Puschita, E., Nicolaescu, S.-V.,	Evaluation of a QoS Support Mechanism in Unified Network Architectures, Revista Telecomunicații, Anul LVI, Nr. 1/2013, pp. 3-15, ISSN-L 1220-8655, ISSN (online) 2247-1863. http://www.telecomunicatii.agir.ro/articol.php?id=1976	Index Copernicus, getCITED	4	5.000	
6	Puschita, E., Pastrav, A., Androne, C., Caruntu, A., Palade, T.	Enhanced QoS and QoE Support in UMTS Cellular Architectures Based on Application Requirements and Core Network Capabilities: An Autonomic Resource Management Perspective, International Journal On Advances in Internet Technology, ISSN: 1942-2652, vol. 5, no. 1&2, 2012, pp. 54-64. http://www.iariajournals.org/internet_technology/inttech_v5_n12_2012_paged.pdf	ThinkMind	5	4.000	

7	Puschita, E., Pastrav, A., Moldovan, A., Palade, T.	QoS Support for Resource Management in Unified Network, ISSN 1803-3814, ISBN 978-80-214-4540-6, 18th Soft Computing Conference MENDEL 2012, June 27-29, Brno, Czech Republic, pp. 576-581, 2012.	SCOPUS	4	5.000
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9	Puschita, E., Arion, O., Palade, T., Manuliac, G.	WiMAX in-network QoS dependencies: Application requests and network capabilities, IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB 2011), Fraunhofer Institute for Integrated Circuits IIS, Erlangen, Germany, June 8-10, 2011, Digital Object Identifier: 10.1109/BMSB.2011.5954934, ISSN: 2155-5044, E-ISBN: 978-1-61284-120-5, Print ISBN: 978-1-61284-121-2, pp. 1-5.	IEEEExplore, SCOPUS	4	5.000
10	Puschita, E., Palade, T., Sime, I.	Performance Evaluation of an Unified WiMAX – DVB-S Network Architecture, IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications, 12-16 Sept. 2011, IEEE Catalog Number: CFP1174N-ART, ISBN: 987-1-4577-0048-4, 2011, pp. 1104 - 1107.	IEEEExplore	3	6.667
11	Puschita, E., Colda, R., Moldovan, A., Palade, T., Topa, M.	Cognitive resource management of the future unified network architecture, Buletinul Institutului Politehnic din Iași - Secțiunea Electrotehnică, Energetică, Electronică, vol. LVII(LXI), fasc. 6, (2011), pp. 163-171.	Index Copernicus, getCITED, Ulrich's	5	4.000
12	Puschita, E., Palade, T., Sarlea, M., Moldovan, A., Colda, R., Vermesan, I.	Site Survey for Wireless Network Design, Latest Trends on Communications, 14th WSEAS International Conference on Communications, part of the 14th WSEAS CSCC Multiconference, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, pp. 118-123.	SCOPUS	6	3.333

13	Puschita, E., Palade, T., Sarlea, M., Moldovan, A., Colda, R., Vermesan, I.	QoS Parametric Correlation for Network Management, a Link between Application's Requests and Network's Capabilities, WSEAS Transactions on Communications, Issue 9, Volume 9, September 2010, ISSN: 1109-2742, pp. 573-582.	SCOPUS	6	3.333
14	Puschita, E., Palade, T., Moldovan, A., Colda, R., Vermeşan, I.	An Innovative QoS Paradigm based on Cognitive In-Network Management of Resources for a Future Unified Network Architecture: I-NAME QoS Model, The Second International Conference on Advances in Future Internet AFIN 2010, Venice/Mestre, Italy, July 18-25, 2010, Digital Object Identifier: 10.1109/AFIN.2010.15, ISBN 978-0-7695-4091-7, Print ISBN: 978-1-4244-7528-5, INSPEC Accession Number: 11499508, pp. 37-43.	IEEEXplore, SCOPUS	5	4.000
15	Colda, R., Palade, T., Vermeşan, I., Moldovan, A., Puschita, E.,	Link Adaptation in Mobile WiMAX Systems under the ITU-R Mix of Channels, The 14th WSEAS International Conference on COMMUNICATIONS, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, pag. 242-247.	SCOPUS	5	4.000
16	Moldovan, A., Palade, T., Puschita, E., Vermesan I., Colda R.	Performance Evaluation of STBC MIMO Systems with Linear Precoding, online TELFOR Journal, ISSN 1821-3251, Vol. 2, Nr. 2, 2010, pp.22-26.	Google Scholar, DOAJ	5	4.000
17	Androne, C., Palade, T., Puschita, E.	Open Loop Sensor based System used for Mitigation of Cross-tier Interference in Femtocell Networks, 18th Telecommunications forum TELFOR 2010, Belgrade, Serbia, November 23-25, 2010, ISBN 978-86-7466-392-9, pp. 328- 331.	Google Scholar, DOAJ	3	6.667
18	Moldovan, A., Palade, T., Vermeşan, I., Colda, R., Puschita, E.	Throughput Evaluation for MIMO Systems with Partial CSIT and Adaptive Packet Length, The 14th WSEAS International Conference on COMMUNICATIONS, Corfu Island, Greece, July 23-25, 2010, ISSN: 1792-4243, ISBN: 978-960-474-200-4, pag. 238-241.	SCOPUS	5	4.000
19	Vermesan, I., Palade, T., Colda, R., Moldovan, A., Puschita, E., Androne, C.	Capacity analyses for IEEE 802.11n narrowband and wideband channel modeling, Acta Technica Napocensis, 51(3), 2010, pp. 59-62.	Index Copernicus, getCITED, ProQuest	6	3.333

20	Colda, R., Palade, T., Puschita, E., Vermesan, I., Moldovan, A., Nicolaescu, S.	BER Performance Evaluation of a Mobile WIMAX System Over an ITU-R Pedestrian B Multipath Channel, Acta Tehnica Napocensis, Cluj-Napoca, Romania, vol. 50, nr. 3/2009, ISSN: 1221-6542, pp. 52-55.	Index Copernicus, getCITED, ProQuest	6	3.333
21	Vermesan, I., Palade, T., Puschita, E., Moldovan, A., Colda, R., Bogdan, I.	Optimizarea resurselor sistemului prin identificarea unei configuratii optime a unei arhitecturi liniare de antene MIMO, Revista Telecomunicații, nr.1/2009, ISSN 2247-1863, pp. 54-61.	Index Copernicus, getCITED, Academic Keys	6	3.333
22	Moldovan, A., Palade, T., Puschita, E., Neagu, A-M., Vermesan, I., Colda, R., Bogdan, I.	Evaluarea performantelor transmisiilor MIMO codate STBC cu precodare liniara, Revista Telecomunicații, nr.1/2009, ISSN 2247-1863, pp. 62-70.	Index Copernicus, getCITED, Academic Keys	7	2.857
23	Colda, R., Palade, T., Puschita, E., Vermesan, I., Moldovan, A., Nicolaescu, S-V.	Evaluarea eficientei transmisiilor in medii cu deplasare pedestra si vehiculara in standard IEEE 802.16e, Revista Telecomunicații, nr.1/2009, ISSN 2247-1863, pp. 80-89.	Index Copernicus, getCITED, Academic Keys	6	3.333
24	Colda, R. M., Palade, T., Pușchiță, E., Vermeșan, I., Moldovan, A.	Transmission Performance Evaluation of Mobile WiMAX Pedestrian Environments, Proceeding of 17th Telecommunications forum TELFOR, Serbia, Belgrade, November 24-26, 2009, pp. 382-385. http://2009.telfor.rs/files/radovi/03_21.pdf	Google Scholar, DOAJ	5	4.000
25	Colda, R., Palade, T., Puschita, E.	Broadband Wireless Access and Mobility Solution Using IEEE 802.16: Concepts and Architecture, Acta Tehnica Napocensis, Cluj-Napoca, Romania, vol. 49, nr. 4/2008, ISSN: 1221-6542, pp. 34-37.	Index Copernicus, getCITED, ProQuest	3	6.667
26	Puschita, E., Palade T.	QoS Path Selection Mechanism in a Hybrid Access Wireless Scenario: A Distributed Approach using Mobile Agents, WSEAS International Journal of Communications, Issue 1, Volume 2, December 2008, ISSN: 1998-4480, pp. 116-125.	Index Copernicus, Inspec	2	10.000

27	Moldovan, A., Vila, T., Palade, T., Puschita, E.	Performance Analysis of MIMO Technology in Mobile Wireless Systems, Acta Tehnica Napocensis, Cluj-Napoca, Romania, vol. 49, nr. 4/2008, ISSN: 1221-6542, pp. 38-41.	Index Copernicus, getCITED, ProQuest	4	5.000
28	Puschita, E., Palade T., Moldovan A., Trifan S.	An Overview of Intra-Domain QoS Mechanisms Evaluation, Buletinul Științific al Universității "Politehnica" din Timișoara, Seria ELECTRONICĂ și TELECOMUNICAȚII, TRANSACTIONS on ELECTRONICS and COMMUNICATIONS, Tom 52(66), Fascicola 2, 2007, pp. 58-64.	Index Copernicus	4	5.000
29	Puschita E., Palade, T., Sandu, F.	Intra-System Mobility Evaluation for Different Wireless Technologies, International Conference on Wireless and Mobile Communications (ICWMC 2006), Bucuresti, Romania, July 29-31, 2006, IEEE Computer Society Order Number E2629, Digital Object Identifier: 10.1109/ICWMC.2006.57, Print ISBN: 0-7695-2629-2, INSPEC Accession Number: 9857651, pp.35-38.	IEEEXplore, SCOPUS	3	6.667
30	Palade, T., Crișan N., Puschita, E., Chira, L.	Broadband Services for Everyone over Fixed Wireless Access Networks, Acta Tehnica Napocensis, Cluj-Napoca, Romania, vol. 46, nr. 1/2005, ISSN: 1221-6542, pp. 48-49.	Index Copernicus, getCITED, ProQuest	4	5.000

A2.3.1. Proprietate intelectuala, brevete de inventie, certificate ORDA - internationale					Punctaj	Numar	FI cumulat
					0.000	0	0
Nr.	Autori	Denumie brevet /Organism	Anul	Nr.autori	Punctaj		

A2.3.2. Proprietate intelectuala, brevete de inventie, certificate ORDA - nationale					Punctaj	Numar	FI cumulat
					0.000	0	0
Nr.	Autori	Denumie brevet /Organism	Anul	Nr.autori	Punctaj		

A2.4.1.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - internationale				Punctaj	Numar
				0	0
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	

A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - nationale				Punctaj	Numar
				50	2
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	Puschita, E. (director proiect postdoctoral), grant 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: 140.000 lei.	2010-2012	3	30	
2	Puschita, E. (director proiect pentru tineri doctoranzi), grant CNCSIS TD 520/2007: Proiectarea si evaluarea unui mecanism QoS inter-domeniu intr-o arhitectura wireless IP cu acces hibrid folosind agenti mobili. Valoarea grantului: 90.000 lei.	2007-2008	2	20	

A2.4.2.1. Granturi/proiecte castigate prin competitie: membru in echipa - internationale				Punctaj	Numar
				66	7
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	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	
2	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	
3	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.	2003-2006	3.5	14	
4	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): 29.999 EUR.	2014-2015	2	8	
5	Rațiu, O., (coordonator proiect, Control Data Systems - CDS), Puschita, E. (membru proiect), Intelligent Sensor and Satellite Network (ISSN), Consorțiul proiectului: Norsk Automatisering (coordonator), Trollhetta AS (partener), CDS (partener). Valoarea proiectului: 300.000 EUR, Proiect cu finantare: ESA (European Space Agency).	2016-2017	1	4	
6	Rațiu, O., (coordonator proiect, Control Data Systems - CDS), Puschita, E. (membru proiect), Wireless Communication Bus for Satellite Applications-2 (WiSAT-2), Consorțiul proiectului: (DLR) Deutsches Zentrum für Luft- und Raumfahrt, Proiect cu finantare: ESA (European Space Agency).	2016-2018	2	8	
7	Craciun, M., (coordonator proiect Agenția pentru Mediu Cluj-Napoca), Rațiu, O., (CDS), Palade, T., (coordonator UTC-N), Puschita, E. (membru UTCN), Tardy, I., (SINTEF Norvegia), Realizarea unui sistem integrat de culegere si transmitere a datelor provenite din monitorizarea substantelor chimice periculoase in judetul Cluj (SIM-SCP), Cod proiect: RO04-0006, Mecanismul de finantare EEA 2009-2014, Contract no. 3955/2015	2015 - 2016	2	8	

A2.4.2.2. Granturi/proiecte castigate prin competitie: membru in echipa - nationale				Punctaj	Numar
				60	11
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	
1	Palade, T. (coordonator proiect, UTCN), Puschita, E. (membru UTCN), grant CNCIS 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	
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	
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	
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 – SMANT. Valoarea contractului (pentru UTCN): 350.000 lei.	2007-2010	3	6	
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	
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	

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
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
9	Palade, T., (coordonator UTCN), Puschita, E. (membru UTCN), Contract de finantare PN2 71/19.11.2012, nr. Inregistrare UTC-N 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
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: 1.250.000 lei.	2014-2017	3	6
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, Unitatea de finantare: Agentia Spatiale Romana (ROSA). Valoarea contractului: 3.000.000 lei.	2016-2019	3	6

Candidat: Conf.dr.ing. Emanuel-Dumitru PUȘCHIȚĂ
Comisia: Electronica, telecomunicatii si nanotehnologie

Data: 05.12.2016

Recunoasterea si impactul activitatii (A3)

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)				Punctaj	Numar
				41.943	22
Nr.	Articol citat	Articol care citeaza	Num autori art.citat	Punctaj	
1	Puschita, E., Palade T., Pitic R., Wireless LAN Medium Access Techniques: QoS Perspective, The 7th International Symposium on Signals, Circuits and Systems (ISSCS 2005), July 14-15, 2005, Iași, Romania, IEEE Catalog Number 05EX1038, Print ISBN 0-7803-9029-6, Digital Object Identifier: 10.1109/ISSCS.2005.1509905, INSPEC Accession Number: 8687986, vol.1 , pp. 267-270.	Sharma, V., Malhotra, J., Singh, H., Quality of Service (QoS) evaluation of IEEE 802.11 WLAN using different PHY-Layer Standards, International Journal for Light and Electron Optics, Optik, 124 (4) , 2013, pp. 357-360. WOS:000315308500017 http://www.elsevier.com/journals/optik/0030-4026	3	2.667	
2		Singh, H., Kaur, H., Sharma, A. and Malhotra, R., 2015, February. Performance Investigation of Reactive AODV and Hybrid GRP Routing Protocols under Influence of IEEE 802.11 n MANET. In Advanced Computing & Communication Technologies (ACCT), 2015 Fifth International Conference on (pp. 325-328). IEEE. 10.1109/ACCT.2015.50, WOS:000380393400059 http://ieeexplore.ieee.org/document/7079101/	3	2.667	
3		Sharma, V., Malhotra, J., Singh, H., Performance evaluation of MAC- and PHY-protocols in IEEE 802.11 WLAN, Communications in Computer and Information Science, High Performance Architecture and Grid Computing, Volume 169, doi: 10.1007/978-3-642-22577-2_67, http://dx.doi.org/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	2.667	

4	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, doi:10.4316/AECE.2012.02002, vol. 12, no. 2, 2012, pp. 9-14.	B. Belean, M. Borda, A. Bot, S. Nedevschi, Low Complexity Approach for High Throughput Belief-Propagation based Decoding of LDPC Codes, 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	1.600
5		Almobaideen, Wesam, and Dimah AZ AlKhateeb. "CSPDA: Contention and stability aware partially disjoint AOMDV routing protocol." In Applied Electrical Engineering and Computing Technologies (AEECT), 2015 IEEE Jordan Conference on, pp. 1-6. IEEE, 2015. WOS:000380878900022, http://ieeexplore.ieee.org/document/7360548/	5	1.600
6	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, Rusia, Digital Object Identifier: 10.1109/ICTEL.2008.4652707, Print ISBN: 978-1-4244-2035-3, INSPEC Accession Number: 10364435, pp. 1-6.	Iqbal, Z., Nooshabadi, S., Lee, H.-N., Analysis and design of coding and interleaving in a MIMO-OFDM communication system, IEEE Transactions on Consumer Electronics, Volume 58, Issue 3, 2012, Article number: 6311315, pp. 758-766. WOS:000309462400005, http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=30	4	2.000
7		Iqbal, Z., Nooshabadi, S., Lee, HN., Efficient interleaver design for MIMO-OFDM based communication systems on FPGA, IEEE 16th International Symposium on Consumer Electronics (ISCE), IEEE Conference Publication (IEEEXplore), 2012, pp. 1-5. WOS:000312151500050 http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6311315	4	2.000

8		Zhang, K., Zhang, D., Improve Throughput of Ad Hoc Networks Using Power Controlled Busy Tone, 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	2.000
9	Colda, R., Palade, T., Puschita, E., Vermeşan, 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, pp. 1-5.	Carro-Lagoa, Á., Suárez-Casal, P., García-Naya, J. A., Fraga-Lamas, P., Castedo, L., & Morales-Méndez, A., Design and implementation of an OFDMA-TDD physical layer for WiMAX applications, EURASIP Journal on Wireless Communications and Networking, 2013(1), 2013:243, doi:10.1186/1687-1499-2013-243, pp. 1-19. WOS:000326816200001 http://jwcn.eurasipjournals.com/content/2013/1/243	5	1.600
10		Suárez-Casal, P.,Carro-Lagoa, Á., García-Naya, J., Fraga-Lamas, P., Castedo, L., Morales-Méndez, A., A Real-Time Implementation of the Mobile WiMAX ARQ and Physical Layer, 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 http://link.springer.com/article/10.1007/s11265-014-0890-3	5	1.600
11		Suárez-Casal, Pedro, Ángel Carro-Lagoa, José A. García-Naya, Paula Fraga-Lamas, Luis Castedo, and Antonio Morales-Méndez. "A Real-Time Implementation of the Mobile WiMAX ARQ and Physical Layer." Journal of Signal Processing Systems 78, no. 3 (2015): 283-297. WOS:000349011900006	5	1.600
12		Dusza, B., Ide, C., Wietfeld, C., Interference aware throughput measurements for mobile WiMAX over vehicular radio channels, Wireless Communications and Networking Conference Workshops (WCNCW), 2012, pp. 383-387. WOS:000309204200070 http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6215527	5	1.600

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A3.1.2. Citari in reviste si volume ale unor manifestari stiintifice indexate in alte baze de date internationale (BDI)				Punctaj	Numar
				44.133	33
Nr.	Articol citat	Articol care citeaza /BDI	Numar autori art.citat	Punctaj	
1	Palade T., Puschita, E., Requirements for a New Resource Reservation Model in Hybrid Access Wireless Network, WSEAS TRANSACTIONS on COMMUNICATIONS, Issue 3, Volume 7, March 2008, ISSN: 1109-2742, pp. 144-151.	Toral, H., Torres, D., Estrada, L., Simulation and modeling of packet loss on VoIP traffic: A power-law model, WSEAS Transactions on Communications (2009), 8 (10), pp. 1053-1063. http://www.worldses.org/journals/communications/index.html	2	2.000	
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9	Puschita, E., Palade T., QoS Path Selection Mechanism in a Hybrid Access Wireless Scenario: A Distributed Approach using Mobile Agents, WSEAS International Journal of Communications, Issue 1, Volume 2, December 2008, ISSN: 1998-4480, pp. 116-125.	Reddy, PC., Ramana, VV., A Survey of QOS with IEEE 802.11e, International Journal on Computer Science and Engineering (IJCSE), 2011, Vol. 3, No. 2, pp. 807-813. http://www.enggjournals.com/ijcse/doc/IJCSE11-03-02-042.pdf	2	2.000

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24	Puschita, E., Palade, T., Moldovan, A., Colda, R., Vermeşan, I., An Innovative QoS Paradigm based on Cognitive In-Network Management of Resources for a Future Unified Network Architecture: I-NAME QoS Model, The Second International Conference on Advances in Future Internet AFIN 2010, Venice/Mestre, Italy, July 18-25, 2010, Digital Object Identifier: 10.1109/AFIN.2010.15, ISBN 978-0-7695-4091-7, Print ISBN: 978-1-4244-7528-5, INSPEC Accession Number: 11499508, pp. 37-43.	dos Passos Silva, D., Pontes, A. B., Avelar, E. A. M., Dias, K. L., Uma Arquitetura para o Aprovisionamento de QoS Interdomínios em Redes Virtuais baseadas no OpenFlow, Anais Trilha Principal e Salão de Ferramentas, ISSN: 2177-496X, pp.893-906, 2013. http://sbrc2013.unb.br/files/anais/trilha-principal/artigos/artigo-62.pdf / http://sbrc2013.unb.br/files/anais/anais_sbrc2013.pdf	5	0.800
26	Androne, C., Palade, T., Puschita, E., Moldovan, A., Vermesan, 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, d.o.i: 10.1109/ISSCS.2011.5978657, pp.61-64.	S. Ebrahimi, J. Riihijärvi, M. Petrova “Studying the Performance and Robustness of Frequency Allocation Schemes for LTE HetNets” Proc. of IEEE ICC 2016, Kuala Lumpur, Malaysia, May 2016	6	0.667

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29		Sidam, S., & Vyas, P. A Review on V-BLAST Detection Method in Wireless MIMO-OFDM System. http://www.ijetae.com/files/Volume4Issue2/IJETAE_0214_120.pdf	4	1.000
30		Sidam, S., & Vyas, P. Performance Enhancement of V-Blast MIMO-OFDM System using ZF with Gaussian Filter and PSK Scheme, International Journal of Computer Technology and Electronics Engineering (IJCTEE), Volume 4, Issue 4, August 2014 http://www.ijctee.org/files/VOLUME4ISSUE4/IJCTEE_0414_01.pdf	4	1.000
31	Puschita, E., Constantinescu, A., Colda, R., Vermesan, I., Moldovan, A., Palade, T., Challenges for a broadband service strategy in rural areas: A Romanian case study, Telecommunications Policy, ISSN: 0308-5961, d.o.i: 10.1016/j.telpol.2013.08.001, vol. 38, issue 2, martie 2014, pp. 147–156.	Tiwari, S., Lane, M. and Alam, K., The challenges and opportunities of delivering wireless high speed broadband services in Rural and Remote Australia: A Case Study of Western Downs Region (WDR). Australasian Conference on Information Systems Tiwari, Lane & Alam 2015, Adelaide. https://acis2015.unisa.edu.au/wp-content/uploads/2015/11/ACIS_2015_paper_205.pdf	6	0.667

32		<p>Wahyuningsih, S. and Kusumawati, D., 2015. Strategi pencapaian pelanggan mobile broadband di daerah perdesaan tahun 2019 (The strategy of mobile broadband subscriber achievement in rural areas in 2019). Buletin Pos dan Telekomunikasi, 13(2), pp.165-176. http://online.bpostel.com/index.php/bpostel/article/view/130205</p>	6	0.667
33	<p>Puschita, E., Kantor, P., Manuliac, G., Palade, T., Bitto, J., Enabling Frame-Based Adaptive Video Transmission in a Multilink Environment, Advances in Electrical and Computer Engineering, doi:10.4316/AECE.2012.02002, vol. 12, no. 2, 2012, pp. 9-14.</p>	<p>Goyal, Raman Kumar, and Sakshi Kaushal. "Design of transport layer bandwidth aggregation scheme for wireless applications." 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</p>	5	0.800

A3.2.1. Prezentari invitate in plenul unor manifestari stiintifice si Profesor invitat - internationale			Punctaj	Numar
			10	1
Nr.	Descriere	Anul		
1	Prezentarea temei "QoS support in unified network architectures: challenges and a possible solution" in calitate de vorbitor invitat (Invited Speaker) la "The Eighth Advanced International Conference on Telecommunications - AICT 2012", 30 mai 2012. Pagina ce indica programul conferintei: http://www.iaria.org/conferences2012/ProgramAICT12.html Pagina ce include prezentarea temei: http://www.iaria.org/speeches.html	2012		

A3.2.2. Prezentari invitate in plenul unor manifestari stiintifice si Profesor invitat - nationale			Punctaj	Numar
			0	0
Nr.	Descriere	Anul		

A3.3.1. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI			Punctaj	Numar
			10	1
Nr.	Descriere	Perioada		
1	Membru în comitetul științific al revistei Telecommunications Policy, Codul de identificare al publicației: ISSN: 0308-5961, Factor de impact (ultimii 5 ani): 1.672, recenzie 1 articol http://www.journals.elsevier.com/telecommunications-policy/	2014-2015		

A3.3.2. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate BDI			Punctaj	Numar
			6	1
Nr.	Descriere	Perioada		
1	Membru în bordul editorial al revistei International Journal On Advances in Internet Technology, Codul de identificare al publicației: ISSN 1942-2652, recenzie 5 articole http://www.iariajournals.org/internet_technology/index.html	2009-2014		

A3.3.3. Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale si nationale neindexate			Punctaj	Numar
			15	5
Nr.	Descriere	Perioada		
1	Membru în comitetul științific al revistei Novice Insights, Codul de identificare al publicației: ISSN 1842-6085 Lista membrilor din comitetul științific: http://www.bel.utcluj.ro/novice/index_scientboard3.htm	2009-2014		
2	Membru în comitetul științific al revistei Acta Tehnica Napocansis Electronics and Telecommunications, Codul de identificare al publicației: ISSN 1221-6542, Lista membrilor din comitetul științific: http://users.utcluj.ro/~atn/	2015-2016		
3	Membru în comitetul științific (TPC) al conferinței IEEE International Conference on Communications (COMM), Lista membrilor din comitetul științific: http://www.comms.ro/technical-program-committee.html	2015-2016		
5	Membru în comitetul științific (TPC) al conferinței Advanced International Conference on Telecommunications (AICT), Lista membrilor din comitetul științific: https://www.iaria.org/conferences2016/ComAICT16.html	2014-2016		
4	Membru în comitetul științific (TPC) al conferinței International Conference on Advances in Future Internet (AFIN), Lista membrilor din comitetul științific: https://www.iaria.org/conferences2016/ComAFIN16.html	2014-2016		

A3.4.1. Premii in domeniu: Academia Romana, ASTR, academii de ramura, premii internationale			Punctaj	Numar
			45	3
Nr.	Descriere	An		
1	Best Paper Award cu lucrarea Intra-System Mobility Evaluation for Different Wireless Technologies, Premiu obținut în cadrul manifestării International Conference on Wireless and Mobile Communications, ICWMC 2006 http://www.iaria.org/conferences2006/AwardsICW06.html	2006		
2	Best Paper Award cu lucrarea QoS Support in UMTS Networks: Performance Evaluation and Perspectives towards an Autonomic Resource Management, Premiu obținut în cadrul manifestării The Third International Conference on Advances in Future Internet, AFIN 2011 http://www.iaria.org/conferences2011/AwardsAFIN11.html	2011		
3	Best Paper Award cu lucrarea Implementation of an UWB-based Module Designed for Wireless Intra-Spacecraft Communications, Premiu obținut în cadrul manifestării IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE 2016), Aachen, Germany	2016		

A3.4.2. Premii in domeniu: nationale			Punctaj	Numar
			15	3
Nr.	Descriere	An		
1	Premiu UEFISCDI sesiunea decembrie 2014/ Premiera rezultatelor cercetarii la sesiunea articole științifice cu lucrarea: Puschita, E., Constantinescu, A., Colda, R., Vermesan, I., Moldovan, A., Palade, T., Challenges for a broadband service strategy in rural areas: A Romanian case study, Telecommunications Policy, ISSN: 0308-5961, d.o.i: 10.1016/j.telpol.2013.08.001, vol. 38, issue 2, martie 2014, pp. 147–156. http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/ACTUALIZARE%2023_12_2014/LISTA%203%20REZULTATE%20-%20ACTUALIZATA%2018_12_2014.pdf	2014		
2	Premiu CNCISIS, tip Premiera rezultatelor cercetarii - Articol ISI. Crisan N., Cremene L., Puschita, E., Palade, T., Evaluation of Adaptive Radio Techniques for the under-11GHz Broadband Wireless Access”, The IEEE 2nd International Conference on Computers, Communications & Control (ICCC 2008), May 15-17, 2008, Oradea, Romania, vol. 3, ISSN 1841-9836, pp. 232-237. http://www.journal.univagora.ro/?page=article_details&id=285	2008		
3	Premiul de excelenta “Dan Roman” pentru tinerii cercetatori, Premiu acordat in cadrul Forumului Academic al Universitatii Tehnice din Cluj-Napoca, 30 Ianuarie 2007, Cluj-Napoca.	2007		