



Universitatea
Transilvania
din Brașov

FIȘA DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE
Comisia de electronica, telecomunicatii si nanotehnologii

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Anexa nr. 11 - COMISIA ELECTRONICĂ, TELECOMUNICAȚII ȘI NANOTEHNOLOGIE

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

1. Structura activității candidatului						
Nr. crt	Domeniul activităților	Categorii și restricții		Subcategorii		Indicatori (k _p)
0	1	2		3		4
1	Activitatea didactică și profesională (A1)	Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN	Cărți / monografii	A1.1.1	internaționale	50 / nr. de autori sau 100/ nr. autori cu condiția [2]
				A1.1.2	naționale	50 / nr. de autori
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		40 / nr. de autori
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI		A2.1		(25+ 30 * factor impact [3]) / nr. de autori
		Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4]		A2.2		20 / nr. de autori
		Proprietate intelectuală, brevete de invenție, certificate ORDA		A2.3.1	Internaționale [5]	35/ nr. de autori
				A2.3.2	naționale (OSIM)	25 / nr. de autori
		Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari S.U.A. echivalent încasați [3]	Director / responsabil partener	A2.4.1.1	internaționale	20 * ani de desfășurare
				A2.4.1.2	naționale	10 * ani de desfășurare
			Membru în echipă	A2.4.2.1	internaționale	4 * ani de desfășurare
				A2.4.2.2	naționale	2 * ani de desfășurare
3	Recunoașterea și impactul activității (A3)	Citări [7] în cărți, reviste și volume ale unor manifestări științifice		A3.1.1	cărți, ISI [8]	8 / nr aut art. citat
				A3.1.2	BDI [1]	4 / nr. aut. art. citat
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	Punctaj unic pentru fiecare activitate	A3.2		10
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice indexate BDI [6]	Punctaj unic pentru fiecare activitate	A3.3		6
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu.		A3.4.		15



[1] Capitolul de carte editată trebuie să NU fie într-un volum de conferință (cu ISBN), și se punctează cu 1/4 din punctajul pentru cartea de categoria respectivă.

[2] Dacă cartea respectivă se regăsește în cel puțin 50 de biblioteci din străinătate conform catalogului WorldCat.

[3] Se consideră factorul de impact ISI al revistei valabil în anul publicării sau la data depunerii dosarului. Pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0,25 ; Se consideră factorul de impact echivalent 0,75 pentru volumele conferințelor internaționale de top (cele de nivel 2 sau mai mare din lista agreată de comisia CNATDCU și indicată în nota de subsol 10).

[4] Pentru domeniul Inginerie Electronică, Telecomunicații și Tehnologii Informaționale sunt recunoscute următoarele baze de date internaționale (BDI): ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springerlink, ACM (Association for Computing Machinery), DBLP, EURASIP.

[5] Se dublează punctajul dacă rezultatul este înregistrat la WIPO, EPO, USPTO, JPO.

[6] Nu se consideră în această categorie proiecte/granturi care nu prezintă un caracter predominant de cercetare; Se consideră numai proiecte/granturi, relevante pentru profilul postului scos la concurs / domeniul de abilitare; Candidatul va atașa documente care să demonstreze caracterul de cercetare al proiectului

[7] Se exclud autocitățile (auto-citarea se referă la situația în care numele candidatului apare simultan atât printre numele autorilor referinței bibliografice în cauză cât și printre numele autorilor articolului care citează, conform WOS https://images.webofknowledge.com/WOKRS523R4/help/WOS/hs_crsearch_self_citations.html)

[8] Se dublează punctajul dacă citarea provine dintr-o revistă cotate ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI).

[9] Nu se consideră calitatea de recenzor al unor articole individuale.

2. Formula de calcul a indicatorului de merit ($A = A1+A2+A3$)

$$A = \sum_i K_{1i} + \sum_i K_{2i} + \sum_i K_{3i}, \text{ unde } k_{pi} - \text{Indice specific tipului și categoriei de activitate}$$

3. Condiții minime (A1)					
Nr. crt.	Domeniul de activitate	Conferențiar	CS II	Profesor	CS I
A1	Activitatea didactică / profesională (A1)	50	Fără restricții	100	Fără restricții
A2	Activitatea de cercetare (A2)	300	350	600	700
A3	Recunoașterea impactului activității (A3)	50	50	150	150
Total (A)		400	400	850	850

Condiții minime obligatorii pe subcategorii		Conferențiar	CS II	Profesor	CS I
A1.1.1 - A1.1.2	Cărți de specialitate	1 carte / capitol	1 carte / capitol	1 carte	1 carte
A2.1	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings.	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[7]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[7]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[7]
A2.4.1	Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	1	2	2	4
A3.1.1	Număr de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS) [11]	10	10	25	25
	Factor de impact ISI cumulat pentru publicații [12]	4	4	10	10

[10] Revistă cotate ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI). Situația revistelor în top 25-50% (Q1,Q2) se consideră fie la momentul publicării, fie la data înscrierii la concurs; una și numai una dintre lucrările necesare poate fi

echivalată cu: (un brevet de invenție indexat WOS- Derwent) 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/julkaisufoorumi/haku.php?lang=en>).

[11] Lucrarea citată nu este obligatoriu să fie indexată WOS.

[12] Pentru brevete se consideră factorul de impact echivalent 0.5, pentru celelalte publicații conform notei de subsol 3.

Notă: Comisia de concurs va aprecia îndeplinirea condițiilor minimale obligatorii pe subcategorii privind calitatea și relevanța acestora pentru postul în concurs.

Abrevieri: BDI = bază de date internațională; ISI = baza de date internațională Institute for Scientific Information Web of Science; WOS = ISI Web of Science; OSIM = Oficiul de Stat pentru Invenții și Mărci; WIPO = World Intellectual Property Organization (Organizația Mondială a Proprietății Intellectuale); EPO = European Patent Office (Oficiul European de Patente); USPTO = United States Patent and Trademark Office (Oficiul de Brevete și Mărci a Statelor Unite ale Americii); JPO = Japan Patent Office (Oficiul de Brevete al Japoniei)



COMISIA ELECTRONICĂ, TELECOMUNICAȚII ȘI NANOTEHNOLOGIE
STANDARDE MINIME NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE

Tip Criteriu	Denumire Criteriu			
1.1.1.1.1	Carti/monografii/capitole in edituri internationale recunoscute, ca autor; cel puțin 50 biblioteci din strainatate conform catalogului WorldCat			
1.1.1.1.2	Capitole in carti cu ISBN, in edituri internationale recunoscute, ca autor; cel puțin 50 biblioteci din strainatate conform catalogului WorldCat			
1.1.1.2.1	Carti/monografii/capitole in edituri internationale, care NU se regasesc in catalogul WorldCat, recunoscute ca autor			
1.1.1.2.2	Capitole in carti cu ISBN, in edituri internationale, care NU se regasesc in catalogul WorldCat, recunoscute ca autor			
	Descriere Cognitive Radio Communications for Vehicular Technology – Wavelet Applications Editura: Intech isbn:978-953-307-223-4 AnAparitie:2011 NrAutori:2 TotalNrPagini:18 Non Invasive Acoustic Measurements for Faults Detecting in Building Materials and Structures Editura: Intech isbn:978-953-51-0103-1 AnAparitie:2012 NrAutori:4 TotalNrPagini:36 Using IoT for Accessible Tourism in Smart Cities Editura: Intech isbn:978-953-51-6196-7 AnAparitie:2018 NrAutori:9 TotalNrPagini:20	Formula Calcul $((50/2)/4)$ $((50/4)/4)$ $((50/9)/4)$	Punctaj 6.25 3.125 1.388	Dovada https://www.intechopen.com/chapters/15307 https://www.intechopen.com/chapters/29362 https://www.intechopen.com/chapters/61962
1.1.2.1	Carti/monografii/capitole in edituri nationale recunoscute, ca autor			
	Descriere Multimedia Editura Tehnica ISBN: 973-31-1548-7 AnAparitie:2000 NrAutori:1 TotalNrPagini:124	Formula Calcul $(50/1)$	Punctaj 50	Dovada https://aleph.bibnat.ro/F1RVSIF1P7BKIP1MNDJSQDX7QHD5LEHT3MVTDHKT84DU9DNVH3-17692?func=full-set-set&set_number=034216&set_entry=000001&format=999 https://drive.unitbv.ro/s/YTYpQeiFJApsTxy
1.1.2.2	Carti/monografii/capitole fara ISBN, in edituri nationale recunoscute, ca autor			
1.2.1	Material didactic/Lucrari didactice - Manuale didactice			
	Descriere Proiectarea circuitelor integrate digitale. Îndrumar de laborator Editura: Editura Universitatii Transilvania Braşov isbn:621.3.049.77 AnAparitie:2002 NrAutori:3 TotalNrPagini:115 Interfata Om - Masina Editura: Editura Universitatii Transilvania isbn:978-606-19-1050-2 AnAparitie:2018 NrAutori:2 TotalNrPagini:87 Integrarea sistemelor de calcul si telecomunicații Editura: Editura Universitatii Transilvania din Braşov isbn:ISBN 978-606-19-1601-6 AnAparitie:2023 NrAutori:3 TotalNrPagini:125	Formula Calcul $(40/3)$ $(40/2)$ $(40/3)$	Punctaj 13.333 20 13.333	Dovada https://drive.unitbv.ro/s/SZXX2GzWeFlbOAO https://drive.unitbv.ro/s/tnwbw2j7zZEoFin https://drive.unitbv.ro/s/QE8ApYcfrNJ23f3
2.1.1	Articole in reviste cotate ISI			
	Descriere Resource-Efficient Traffic Classification Using Feature Selection for Message Queuing Telemetry Transport-Internet of Things Network-Based Security Attack Publicație: Applied Sciences issn:20763417 isbn:2076-3417 Data:2025 nrAutori:6 zona:Q2 On the feasibility of unlicensed communications in the TV white space: Field measurements in the UHF band Publicație: INTERNATIONAL JOURNAL OF DIGITAL MULTIMEDIA BROADCASTING issn:16877586 isbn:1687-7578 Data:2015 nrAutori:5 zona:ALTA Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment Revista: IEEE Transactions on Network and Service Management issn:19324537 isbn:1932-4537 AnAparitie:2018 nrAutori:3 zona:Q1 When Social Networks Meet D2D Communications: A Survey Revista: Sensors issn:14248220 isbn:1424-8220 AnAparitie:2019 nrAutori:4 zona:Q2 Glue Technologies for Space Systems: An Introduction to a New AESST Technical Panel Revista: IEEE Aerospace and Electronic Systems Magazine issn:08858985 isbn:0885-8985 AnAparitie:2020 nrAutori:12 zona:ALTA An SDR-Based Satellite Gateway for Internet of Remote Things (IoRT) Applications Revista: IEEE Access issn:21693536 isbn:2169-3536 AnAparitie:2020 nrAutori:5 zona:Q1 From Things to Services: A Social IoT Approach for Tourist Service Management Revista: IEEE Access issn:21693536 isbn:2169-3536 AnAparitie:2020 nrAutori:6 zona:Q1 On the Suitability of HbbTV for Unified Smart Home Experience Revista: IEEE Transactions on Broadcasting issn:00189316 isbn:0018-9316 AnAparitie:2020 nrAutori:5 zona:Q2 An Unlicensed Indoor HDTV Multi-Vision System in the DTT Bands Revista: IEEE Transactions on Broadcasting issn:00189316 isbn:0018-9316 AnAparitie:2012 nrAutori:3 zona:Q1 A cognitive radio indoor HDTV multi-vision system in the TV white spaces Revista: IEEE Transaction on Consumer Electronics issn:00983063 isbn:0098-3063 AnAparitie:2012 nrAutori:3 zona:Q2 TV white spaces exploitation for multimedia signal distribution Revista: Signal Processing: Image Communication, Volume 27, Issue 8, September 2012, Pages 893-899, 10.1016/j.image.2012.01.014 issn:09235965 isbn:0923-5965 AnAparitie:2012 nrAutori:4 zona:Q2 Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation Revista: Broadcasting, IEEE Transactions on , vol.60, no.4, Dec. 2014 issn:00189316 isbn:0018-9316 AnAparitie:2014 nrAutori:5 zona:Q1 Interference Issues for VANET Communications in the TVWS in Urban Environments Revista: IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY issn:00189545 isbn:0018-9545 AnAparitie:2016 nrAutori:3 zona:Q1 Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting - second generation terrestrial broadcasting services Revista: IET COMMUNICATIONS issn:17518628 isbn:1751-8628 AnAparitie:2016 nrAutori:3 zona:ALTA	Formula Calcul $((25+30*2.5)/6)$ $((25+30*1.1)/5)$ $((25+30*3.286)/3)$ $((25+30*2.475)/4)$ $((25+30*1.539)/12)$ $((25+30*3.745)/5)$ $((25+30*3.745)/6)$ $((25+30*3.419)/5)$ $((25+30*3.909)/3)$ $((25+30*1.802)/3)$ $((25+30*2.073)/4)$ $((25+30*3.909)/5)$ $((25+30*4.432)/3)$ $((25+30*1.443)/3)$	Punctaj 16.666 11.6 55.153 28.983 5.93 27.47 22.891 25.514 52.073 29.163 27.355 31.244 61.723 26.123	Dovada https://doi.org/10.3390/app15084252 https://doi.org/10.1155/2015/319387 https://doi.org/10.1109/TNSM.2018.2885043 https://doi.org/10.3390/s19020396 https://doi.org/10.1109/MAES.2019.2959104 https://doi.org/10.1109/ACCESS.2020.3004480 https://doi.org/10.1109/ACCESS.2020.3018331 https://doi.org/10.1109/TBC.2020.2977539 https://doi.org/10.1109/TBC.2012.2201559 https://doi.org/10.1109/TCE.2012.6227427 https://doi.org/10.1016/j.image.2012.01.014 https://doi.org/10.1109/TBC.2014.2360024 https://doi.org/10.1109/TVT.2015.2453633 https://doi.org/10.1049/iet-com.2015.1117

	Field Measurements for Practical Unlicensed Communication in the UHF band Revista:Telecommunication Systems issn:10184864 isbn:1018-4864 AnAparitie:2015 nrAutori:5 zona:Q2	((25+30*1.527)/5)	15.242	https://doi.org/10.1007/s11235-014-9963-7
	Robust multi-rate modulation for cognitive radio communications over land mobile satellite channel at Ku-band Revista:International Journal of Satellite Communications and Networking issn:15420981 isbn:1542-0981 AnAparitie:2017 nrAutori:3 zona:Q2	((25+30*1.368)/3)	22.013	https://doi.org/10.1002/sat.1198
	IoT Architecture for a Sustainable Tourism Application in a Smart City Environment Revista:Mobile Information Systems issn:1574017X isbn:1574-017X AnAparitie:2017 nrAutori:4 zona:ALTA	((25+30*0.958)/4)	18.512	https://doi.org/10.1155/2017/9201640
	QoE Assessment for IoT-Based Multi Sensorial Media Broadcasting Revista:IEEE Transaction on Broadcasting issn:00189316 isbn:0018-9316 AnAparitie:2018 nrAutori:4 zona:Q1	((25+30*3.909)/4)	39.055	https://doi.org/10.1109/TBC.2018.2823914
	A QoE Model for Mulsemedia TV in a Smart Home Environment Publicatie:IEEE Transaction on Broadcasting issn:15579611 isbn:0018-9316 Data:2022 nrAutori:5 zona:Q2	((25+30*5.194)/5)	36.164	https://doi.org/10.1109/TBC.2022.3217676
	6G-Enabling the New Smart City: A Survey Publicatie:SENSORS issn:14248220 isbn:1424-8220 Data:2023 nrAutori:7 zona:Q2	((25+30*3.4)/7)	18.142	https://doi.org/10.3390/s23177528
	Hardware-Software Partitioning for Real-Time Object Detection Using Dynamic Parameter Optimization Publicatie:SENSORS issn:14248220 isbn:1424-8220 Data:2023 nrAutori:3 zona:Q2	((25+30*3.4)/3)	42.333	https://doi.org/10.3390/s23104894
	Signals Intelligence System with Software-Defined Radio Publicatie:Appl. Sci. issn:20763417 isbn:2076-3417 Data:2023 nrAutori:6 zona:Q1	((25+30*2.5)/6)	16.666	https://doi.org/10.3390/app13085199
	TOTAL		630.015	
	2.1.2 Volumele unor manifestari stiintifice indexate ISI proceedings			
	Descriere	Formula Calcul	Punctaj	Dovada
	An open source satellite network simulator for quality based multimedia broadband traffic management Revista:2022 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn:21555052 isbn:978-1-6654-6901-2 Data:2022 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/BMSB55706.2022.9828566
	Targeted Advertisement in HbbTV Multimedia Content Revista:IEEE International Symposium on Broadband Multimedia Systems and Broadcasting issn:21555052 isbn:978-1-6654-6901-2 Data:2022 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://doi.org/10.1109/BMSB55706.2022.9828780
	Blockchain-Based Recommendation and Advertisement System for the TV Ecosystem Revista:IEEE International Symposium on Broadband Multimedia Systems and Broadcasting issn:21555052 isbn:978-1-6654-6901-2 Data:2022 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://doi.org/10.1109/BMSB55706.2022.9828751
	IoT Architecture for Multisensorial Media Revista:2017 IEEE URUCON issn:978-1-531-5386-3397-7 AnAparitie:2017 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/URUCON.2017.8171894
	Distributed Spectrum Sensing for Indoor Broadcasting Services using an IoT Platform Revista:2017 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) issn:21555044 isbn:978-1-5090-4937-0 AnAparitie:2017 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://doi.org/10.1109/BMSB.2017.7986148
	Bandwidth Usage Management for HbbTV Streaming Services based on User Behavior Revista:BMSB IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING, VOLS 1 AND 2 issn:21555044 isbn:978-1-5090-4937-0 AnAparitie:2017 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/BMSB.2017.7986149
	QoE Assessment for Broadcasting Multi Sensorial Media in Smart Home Scenario Revista:2018 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) issn:21555044 isbn:978-1-5386-4729-5 AnAparitie:2018 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/BMSB.2018.8436875
	Reconfigurable IoT Gateway Based on a SDR Platform Revista:2018 International Conference on Communications (COMM) issn:978-1-531-5386-2351-0 AnAparitie:2018 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/ICComm.2018.8430127
	Satellite SDR Gateway for M2M and IoT applications Revista:IEEE Aerospace Conference Proceedings issn:1095323X isbn:978-1-5386-6854-2 AnAparitie:2019 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/AERO.2019.8741705
	Workplace Safety Monitoring using RFID Sensors Revista:22nd Telecommunications Forum Telfor (TELFOR) issn:978-1-471-978-1-4799-6191-7 AnAparitie:2014 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/TELFOR.2014.7034494
	Control System for Workplace Safety in a Cargo Terminal Revista:9th International Wireless Communications and Mobile Computing Conference (IWCMC) issn:23766492 isbn:978-1-4673-2479-3 AnAparitie:2013 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/IWCMC.2013.6583699
	Interference Measurements for Unlicensed 802.11p Communication in the TV Bands Revista:IEEE International Symposium on Broadband Multimedia Systems and Broadcasting issn:21555044 isbn:978-1-4799-5865-8 AnAparitie:2015 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://ieeexplore.ieee.org/document/7177281
	Coexistence issues for IEEE 802.22 WRAN and DVB-T2 networks Revista:IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn:21555052 isbn:978-1-4673-9044-6 AnAparitie:2016 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/BMSB.2016.7521899
	Hidden Node Margin and Man-Made Noise Measurements in the UHF Broadcasting Bands Revista:IEEE international Symposium on Broadband Multimedia Systems and Broadcasting issn:21555052 isbn:978-1-4673-0295-1 AnAparitie:2012 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://ieeexplore.ieee.org/document/6264249
	A cognitive radio indoor HDTV multi-vision system in the TV white spaces Revista:IEEE International Conference on Consumer Electronics (ICCE) issn:21584001 isbn:978-1-4577-0231-0 AnAparitie:2012 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/ICCE.2012.6161953

PAPR reduction in multicarrier modulations using Genetic Algorithms Revista:12th International Conference on Optimization of Electrical and Electronic Equipment issn:18420133 isbn:978-1-4244-7020-4 AnAparitie:2010 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/OPTIM.2010.5510543
Measurement System for Non-Destructive Testing using Ultrasonic Tomography Spectral Attenuation Revista:12th International Conference on Optimization of Electrical and Electronic Equipment issn:18420133 isbn:978-1-4244-7020-4 AnAparitie:2010 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/OPTIM.2010.5510507
Protection ratios and interference curves for broadcast and cognitive co-channel and adjacent channel operation Revista:IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn:21555044 isbn:978-1-4673-6047-0 AnAparitie:2013 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://ieeexplore.ieee.org/document/6621701
JPEG2000 images transmission over noisy wireless channels with unequal power distribution wavelet transmultiplexing Revista:Optimization of Electrical and Electronic Equipment (OPTIM) issn: isbn:978-1-4244-7019-8 AnAparitie:2010 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://drive.unitbv.ro/s/ikp8PiypxMTLxea
Industrial Bluetooth Wireless Sensor – Hardware Considerations Revista:Proc. of the OPTIM 2006 Conference issn: isbn:1 AnAparitie:2006 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://drive.unitbv.ro/s/Bfez6sGCSSm5c33
Multi-rate modulation for cognitive radio over land mobile satellite channel Revista:2017 IEEE Aerospace Conference issn: isbn:978-1-5090-1613-6 AnAparitie:2017 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://ieeexplore.ieee.org/document/7943846
Quality-of-Experience Parameter Estimation for Multisensorial Media using Particle Swarm Optimization Revista:2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) issn: isbn:978-1-5090-4489-4 AnAparitie:2017 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://doi.org/10.1109/OPTIM.2017.7975085
Reference-based Color Texture Digitization and Analysis of Wooden Surfaces Revista:2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP) issn: isbn:978-1-5090-4489-4 AnAparitie:2017 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/OPTIM.2017.7975099
An Architecture for Real-Time Interactive Music Performances Revista:2025 23RD MEDITERRANEAN COMMUNICATION AND COMPUTER NETWORKING CONFERENCE issn:29964261 isbn:979-8-3315-0327-7 Dată:2025 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/MEDCOMNET65822.2025.11103534
Immersive Application for Real-Time Interactive Music Performances Using Spatial Audio Revista: 2025 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING issn:21555052 isbn:979-8-3315-1998-8 Dată:2025 nrAutori:7 nivelProceedingSI:0.25	((25+30*0.25)/7)	4.642	https://doi.org/10.1109/BMSB65076.2025.11165553
On the Feasibility of 5G Massive Concurrent Video Uplink Revista:2021 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn:21555052 isbn:978-1-6654-4908-3 Dată:2021 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/BMSB53066.2021.9547112
Self-Configurable IoT Satellite Gateway with QoS Traffic Management Revista:2021 IEEE Aerospace Conference issn:1095323X isbn:978-1-7281-7436-5 Dată:2021 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/AERO50100.2021.9438534
TV-Centric Health Monitoring Leveraging the HbbTV Architecture in a Smart Home Environment Revista:2021 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issn:21555052 isbn:978-1-6654-4908-3 Dată:2021 nrAutori:5 nivelProceedingSI:0.25	((25+30*0.25)/5)	6.5	https://doi.org/10.1109/BMSB53066.2021.9547085
Quality of experience eye gaze analysis on HbbTV smart home notification system Revista:2020 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) issn:21555052 isbn:978-1-7281-5784-9 Dată:2020 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://doi.org/10.1109/BMSB49480.2020.9379794
Unifying the Smart Home Experience Through HbbTV-enabled Devices Revista:2019 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) issn:21555052 isbn:978-1-7281-2150-5 Dată:2019 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/bmsb47279.2019.8971924
Internet of Things for Enabling Multi Sensorial TV in Smart Home Revista:2018 IEEE Broadcast Symposium (BTS) issn:21555052 isbn:978-1-5386-5855-0 Dată:2018 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/BTS.2018.8550959
Indoor navigation system using image and sensor data processing on a smartphone Revista:2012 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) issn:18420133 isbn:978-1-4673-1653-8 Dată:2012 nrAutori:3 nivelProceedingSI:0.25	((25+30*0.25)/3)	10.833	https://ieeexplore.ieee.org/document/6231975
Spectrum sensing for dynamic spectrum access networks in the 700-MHz UHF TV band using wavelets Revista:2009 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting issn:21555044 isbn:978-1-4244-2590-7 Dată:2009 nrAutori:2 nivelProceedingSI:0.25	((25+30*0.25)/2)	16.25	https://ieeexplore.ieee.org/document/5133809
Edge-to-Cloud Continuum Orchestrator for Distributed Video Applications Revista: 19TH IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING, BMSB 2024 issn:21555052 isbn:979-8-3503-6427-9 Dată:2024 nrAutori:6 nivelProceedingSI:0.25	((25+30*0.25)/6)	5.416	https://doi.org/10.1109/BMSB62888.2024.10608304
Toward Interactive and Distributed Hybrid Extended Reality Experiences Revista: PROCEEDINGS OF THE 2024 ACM INTERNATIONAL CONFERENCE ON INTERACTIVE MEDIA EXPERIENCES WORKSHOPS, IMXW 2024 issn: isbn:9798400717949 Dată:2024 nrAutori:4 nivelProceedingSI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1145/3672406.3672424

	Managing Accessible Tourist Services in a Social Manner Revista:2021 IoT Vertical and Topical Summit for Tourism issn: isbn:978-1-7281-6969-9 Dată:2021 nrAurori:4 nivelProceedingISI:0.25	((25+30*0.25)/4)	8.125	https://doi.org/10.1109/IEEECONF49204.2021.9604826
	TOTAL		293.884	
2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)				
	Descriere	Formula Calcul	Punctaj	Dovada
	EmoLoop: A Bi-Directional System for Emotion-Driven Interaction Between Remote Audiences and Live Performers Publicație:2025 IEEE 6TH INTERNATIONAL SYMPOSIUM ON THE INTERNET OF SOUNDS BDI1:IEEE Xplore issn:26427036 isbn: isbn:979-8-3315-7294-5 Dată:2025 Aurori:5 nivel:Nivel2	(20/[5])	4	https://ieeexplore.ieee.org/abstract/document/11284604
	Secure Testing and Simulation System Based on Raspberry Pi Publicație:2025 IEEE 31st International Symposium for Design and Technology in Electronic Packaging (SIITME) BDI1:IEEE Xplore issn:26427036 isbn:979-8-3315-6869-6 Dată:2025 Aurori:7 nivel:Nivel2	(20/[7])	2.857	https://doi.org/10.1109/SIITME67657.2025.11293695
	Energy Saving Architecture based on Android TV in a Smart Home Environment Publicație:2023 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) BDI1:IEEE Xplore issn: isbn:979-8-3503-2152-4 Dată:2023 Aurori:6 nivel:Nivel1	(20/[6])	3.333	https://doi.org/10.1109/BMSB58369.2023.10211240
	Beyond 5G Multicast for XR Communications aided by Pre-computed Multi-beams and NOMA Publicație:2023 IEEE Globecom Workshops (GC Wkshps) BDI1:IEEE Xplore issn: isbn:979-8-3503-7021-8 Dată:2023 Aurori:5 nivel:Neevaluat	(20/[5])	4	https://doi.org/10.1109/GCWkshps58843.2023.10465216
	Health Monitoring in a Smart Home Environment Publicație:2022 IEEE International Conference on Consumer Electronics (ICCE) BDI1: issn:21584001 isbn:978-1-6654-4154-4 Dată:2022 Aurori:7 nivel:Nivel1	(20/[7])	2.857	https://doi.org/10.1109/ICCE53296.2022.9730396
	Machine Learning-based Urban Mobility Monitoring System Publicație:2022 IEEE 19th Annual Consumer Communications & Networking Conference (CCNC) BDI1:IEEE Xplore issn:23319860 isbn:978-1-6654-3161-3 Dată:2022 Aurori:5 nivel:	(20/[5])	4	https://doi.org/10.1109/CCNC49033.2022.9700694
	An Open Source Simulator for Next Generation Satellite Broadband Traffic Management Publicație:2022 IEEE Aerospace Conference (AERO) BDI1:IEEE Xplore issn:1095323X isbn:978-1-6654-3761-5 Dată:2022 Aurori:3 nivel:	(20/[3])	6.666	https://doi.org/10.1109/AERO53065.2022.9843545
	Enhanced Resource Management for Web Based Thin Clients Using Cross-Platform Progressive Offline Capabilities Publicație:International Conference on Cognitive Radio Oriented Wireless Networks CrownCom 2019 BDI1:SpringerURL issn:00000000 isbn:978-3-030-25747-7 Dată:2019 Aurori:5 nivel:Neevaluat	(20/[5])	4	https://doi.org/10.1007/978-3-030-25748-4_27
	Experimental setup for IoT - based multi sensorial media Revista:2018 Baltic URSI Symposium (URSI) BDI1:IEEE Xplore issn:978-8-39- isbn:978-8-3949-4213-7 AnAparitie:2018 Aurori:3 nivel:Nivel1	(20/[3])	6.666	https://doi.org/10.23919/URSI.2018.8406735
	SDR-based gateway for IoT and M2M applications Revista:2018 Baltic URSI Symposium (URSI) BDI1:IEEE Xplore issn:978-8-39- isbn:978-8-3949-4213-7 AnAparitie:2018 Aurori:4 nivel:Nivel1	(20/[4])	5	https://doi.org/10.23919/URSI.2018.8406706
	QoS feedback mechanism for a cooperative indoor D2D system Revista:2018 Baltic URSI Symposium (URSI) BDI1:IEEE Xplore issn:978-8-39- isbn:978-8-3949-4213-7 AnAparitie:2018 Aurori:3 nivel:Nivel1	(20/[3])	6.666	https://doi.org/10.23919/URSI.2018.8406705
	RFID sensor network for workplace safety management Revista:2013 IEEE 18th Conference on Emerging Technologies & Factory Automation (ETFA) BDI1:IEEE Xplore issn:19460740 isbn:978-1-4799-0864-6 AnAparitie:2013 Aurori:5 nivel:Nivel1	(20/[5])	4	https://doi.org/10.1109/ETFA.2013.6648157
	Cooperative Spectrum Sensing for Geo-Location Databases Revista:Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering Volume 79 BDI1:Springerlink issn:978-3-64- isbn:978-3-642-30418-7 AnAparitie:2012 Aurori:4 nivel:	(20/[4])	5	https://doi.org/10.1007/978-3-642-30419-4_8
	TV White Spaces Exploitation for Signal Distribution Revista:International Conference on Mobile Multimedia Communications MobiMedia 2011 BDI1:Springerlink issn:978-3-64- isbn:978-3-642-30419-4 AnAparitie:2011 Aurori:4 nivel:Neevaluat	(20/[4])	5	https://doi.org/10.1007/978-3-642-30419-4_6
	Cognitive Radio HDTV multi-vision system in the 700 MHz UHF TV band Revista:Broadband Multimedia Systems and Broadcasting (BMSB), 2010 BDI1:IEEE Xplore issn: isbn:978-1-4244-4461-8 AnAparitie:2010 Aurori:2 nivel:	(20/[2])	10	https://doi.org/10.1109/BMSB.2010.5463118
	A cognitive radio system for home theatre 5+1 audio surround applications Revista:Proceedings of the 2009 International Conference on Wireless Communications and Mobile Computing BDI1:ACM issn: isbn:978-1-60558-569-7 AnAparitie:2009 Aurori:3 nivel:Neevaluat	(20/[3])	6.666	https://doi.org/10.1145/1582379.1582608
	TOTAL		80.711	
2.3.1 Proprietate intelectuala, brevete de inventie, certificate ORDA - internationale				
2.3.2 Proprietate intelectuala, brevete de inventie, certificate ORDA - nationale				
2.4.1.1 Granturi/proiecte castigate prin competitie internationala ca Director/responsabil				
	Descriere	Formula Calcul	Punctaj	Dovada
	DySPAN – Dynamic Spectrum Access Networks perioada:20102012 finantator:POR Sardegna FSE 2007-2013, L.R.7/2007 “Promotion of the scientific research and technological innovation in Sardinia” NrContract:CRP2_591 NrAniDerulare:2	(20*[2])	40	https://drive.unitbv.ro/s/RnNZsZkFHtydmWS
	HEAT perioada:20242027 finantator:EU Horizon NrContract:101135637 NrAniDerulare:3	(20*[3])	60	https://drive.unitbv.ro/s/3N2gTPF9bFgDz9c
2.4.1.2 Granturi/proiecte castigate prin competitie nationala ca Director/responsabil				
	Descriere	Formula Calcul	Punctaj	Dovada
	SDR-based Terrestrial Gateway for M2M and IoT Applications perioada:20172019 finantator:Agentia Spatiala Romana NrContract:147/2017 NrAniDerulare:2	(10*[2])	20	https://drive.unitbv.ro/s/kytBsdepBsxf3gm
2.4.2.1 Granturi/proiecte castigate prin competitie internationala - membru in echipa				
2.4.2.2 Granturi/proiecte castigate prin competitie nationala - membru in echipa				
	Descriere	Formula Calcul	Punctaj	Dovada

	SISTEM BIOINFORMATIC BAZAT PE INTELIGENTA ARTIFICIALA PENTRU MONITORIZAREA SISTEMULUI IMUNITAR IN CORELATIE CU PROCESELE METABOLICE DIN ORGANISMUL UMAN (MONIMUN) perioada:20082011 finantator:UEFISCDI - PNII NrContract:62-073/2008 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/FpmErMYDY28pqxY
	Purificarea avansata a bioetanolului in vederea cresterii eficientei energetice a motoarelor cu ardere interna - BIOETASEP perioada:20082011 finantator:UEFISCDI NrContract:22-115/2008 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/FpmErMYDY28pqxY
	Tehnologie complexa curata pentru conversia deeurilor vegetale regenerabile biodegradabile in bioetanoli in conditii de eficienta - CLEANBIOENERG perioada:20082011 finantator:UEFISCDI NrContract:32-145/2008 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/FpmErMYDY28pqxY
	Tehnologie si instalatie inovativa pentru realizarea de membrane selective biocompatibile cu sangele uman destinate realizarii unui dispozitiv oxigenator extracorporal - MEMBIOX perioada:20082011 finantator:UEFISCDI NrContract:72-193/2008 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/FpmErMYDY28pqxY
	Modernizarea tehnologiilor de prelucrare primara a cerealelor in scopul obtinerii de produse agro-alimentare de calitate, corespunzatoare principiilor dezvoltarii durabile si securitatii alimentare perioada:20072010 finantator:UEFISCDI NrContract:51062/2007 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/odywJw2Wq8KaXX6
	Cercetari privind promovarea unui sistem complex pentru evaluarea caracteristicilor fizico-mecanice ale solurilor in vederea cresterii sigurantei si securitatii productie agricole - SCFM perioada:20082011 finantator:UEFISCDI NrContract:52120/2008 NrAniDerulare:3	(2*[3])	6	https://drive.unitbv.ro/s/yDW7wcAMNk2bD5H
3.1.1 Citari in carti, reviste si volume ale unor manifestari stiintifice - ISI				
	Descriere	Formula Calcul	Punctaj	Dovada
	PAPR reduction in Multicarrier Modulations using Genetic Algorithms issncitat:18420133 titlu:Genetic Algorithm Based Optimization of Encoding Sequence for a Reduced Complexity OFDM Time Synchronization Technique Revista:2013 IEEE 78TH VEHICULAR TECHNOLOGY CONFERENCE (VTC FALL) issnciteaza:1550-2252 AnAparitie:2013 nrAutori:3 zonaCitare:1	(8/[3])*[1]	2.666	https://drive.unitbv.ro/s/yDW7wcAMNk2bD5H
	PAPR reduction in Multicarrier Modulations using Genetic Algorithms issncitat:18420133 titlu:Evaluation of Filtered Multitone (FMT) Technology for Future Satellite Navigation Use Revista:ROCEEDINGS OF THE 24TH INTERNATIONAL TECHNICAL MEETING OF THE SATELLITE DIVISION OF THE INSTITUTE OF NAVIGATION (ION GNSS 2011) issnciteaza:1 AnAparitie:2011 nrAutori:3 zonaCitare:1	(8/[3])*[1]	2.666	https://drive.unitbv.ro/s/pekdnH4ZCakAqz
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:TV White Space and LTE Network Optimization Toward Energy Efficiency in Suburban and Rural Scenarios Revista:IEEE Transaction on Broadcasting issnciteaza:0018-9316 AnAparitie:2017 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Coexistence of DVB-T2 and LTE in the 800MHz band: Analysis of DVB-T2 System Configurations Revista:13th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB) issnciteaza:2155-5052 AnAparitie:2018 nrAutori:5 zonaCitare:1	(8/[5])*[1]	1.6	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:IoT-Based Management Platform for Real-Time Spectrum and Energy Optimization of Broadcasting Networks Revista:Wireless Communications and Mobile Computing issnciteaza:1 AnAparitie:2018 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Multi-objective optimization of cognitive radio networks Revista:Computer Networks issnciteaza:1389-1286 AnAparitie:2021 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Multimedia communication over cognitive radio networks from QoS/QoE perspective: A comprehensive survey Revista:JOURNAL OF NETWORK AND COMPUTER APPLICATIONS issnciteaza:1084-8045 AnAparitie:2020 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Co-Channel Secondary Deployment Over DTV Bands Using Reconfigurable Radios Revista:IEEE Transactions on Vehicular Technology issnciteaza:0018-9545 AnAparitie:2020 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:TV White Space and LTE Network Optimization Toward Energy Efficiency in Suburban and Rural Scenarios Revista:IEEE Transactions on Broadcasting issnciteaza:0018-9316 AnAparitie:2018 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:A framework for dynamic selection of backoff stages during initial ranging process in wireless networks Revista:Journal of Systems and Software issnciteaza:0164-1212 AnAparitie:2017 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Advances on Spectrum Sensing for Cognitive Radio Networks: Theory and Applications Revista:IEEE Communications Surveys & Tutorials issnciteaza:1553-877X AnAparitie:2017 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ
	Co-Channel and Adjacent Channel Interference and Protection Issues for DVB-T2 and IEEE 802.22 WRAN Operation issncitat:00189316 titlu:Application of Radio Environment Maps for Dynamic Broadband Access in TV Bands in Urban Areas Revista:IEEE Access issnciteaza:2169-3536 AnAparitie:2017 nrAutori:5 zonaCitare:2	(8/[5])*[2]	3.2	https://drive.unitbv.ro/s/PsTM4tH8JgKGcmZ

Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Co-Channel Secondary Deployment Over DTV Bands Using Reconfigurable Radios Revista:IEEE Transactions on Vehicular Technology issnciteaza:0018-9545 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Performance analysis of LoRa in the 2.4 GHz ISM band: coexistence issues with Wi-Fi Revista:Telecommunication Systems issnciteaza:1018-4864 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Broadband Wireless Access for Rural and Remote Areas Revista:Wireless Communications and Mobile Computing issnciteaza:1530-8669 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:OFDM-Based TVWS-IEEE Standards: A Survey of PHY and Cognitive Radio Features Revista:Wireless Personal Communications issnciteaza:0929-6212 AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Wireless Multimedia Cognitive Radio Networks: A Comprehensive Survey Revista:IEEE Communications Surveys & Tutorials issnciteaza:1553-877X AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Proposal for Improving White-Space Channel Availability Revista:IEEE Access issnciteaza:2169-3536 AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Reliable delay-sensitive spectrum handoff management for re-entrant secondary users Revista:Ad Hoc Networks issnciteaza:1570-8705 AnAparitie:2017 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Spectrum Handoffs Based on Preemptive Repeat Priority Queue in Cognitive Radio Networks Revista:Sensors issnciteaza:1424-8220 AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Performance analysis of IEEE 802.22 wireless regional area network in the presence of digital video broadcasting – second generation terrestrial broadcasting services issncitat:17518636 titlu:Exploiting Social Internet of Things Features in Cognitive Radio Revista:IEEE Access issnciteaza:2169-3536 AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/irNPp7AdTjmJSMb
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu: TV white spaces exploration for cognitive radio: taxonomy and research issues Revista:TELECOMMUNICATION SYSTEMS issnciteaza:1018-4864 AnAparitie:2020 nrAutori:3 zonaCitare:1	(8/3)*[1]	2.666	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:QoS aware distributed dynamic channel allocation for V2V communication in TVWS spectrum Revista:COMPUTER NETWORKS issnciteaza:1389-1286 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Streaming Delay-, Expenditure- and Quality-Balanced Video Over TV White Space Revista:IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY issnciteaza:0018-9545 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:WiFi-Assisted Control Traffic Offloading in Vehicular Environments Revista:IEEE Transactions on Vehicular Technology issnciteaza:0018-9545 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu: Effective capacity optimization for cognitive radio networks under primary QoS provisioning Revista:Wireless Networks issnciteaza:1022-0038 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Reducing saturation and congestion in VANET networks: Alliance-based approach and comparisons Revista:INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS issnciteaza:1074-5351 AnAparitie:2019 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Performance modelling and analysis for vehicle-to-everything connectivity in representative high-interference channels Revista:IET MICROWAVES ANTENNAS & PROPAGATION issnciteaza:1751-8725 AnAparitie:2019 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Multimedia Multicast Services in 5G Networks: Subgrouping and Non-Orthogonal Multiple Access Techniques Revista:IEEE Communications Magazine issnciteaza:0163-6804 AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:TV White Space and LTE Network Optimization Toward Energy Efficiency in Suburban and Rural Scenarios Revista:IEEE Transactions on Broadcasting issnciteaza:0018-9316 AnAparitie:2017 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Reducing Complexity of TVWS Operation: Complying with European Regulations Revista:IEEE Transactions on Vehicular Technology issnciteaza:1556-6072 AnAparitie:2017 nrAutori:3 zonaCitare:2	(8/3)*[2]	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy

Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Coexistence of DTT and Mobile Broadband: A Survey and Guidelines for Field Measurements Revista:Wireless Communications and Mobile Computing issnciteaza:1530-8669 AnAparitie:2017 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Multihoming for Mobile Internet of Multimedia Things Revista:Mobile Information Systems issnciteaza:1574-017X AnAparitie:2017 nrAutori:3 zonaCitare:1	(8/[3]*[1])	2.666	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Toward Multi-Radio Vehicular Data Piping for Dynamic DSRC/TVWS Spectrum Sharing Revista:IEEE Journal on Selected Areas in Communications issnciteaza:0733-8716 AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:Exploiting Social Internet of Things Features in Cognitive Radio Revista:IEEE Access issnciteaza:2169-3536 AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
Interference Issues for VANET Communications in the TVWS in Urban Environments issncitat:00189545 titlu:LISP Optimisation of Mobile Data Streaming in Connected Societies Revista:Mobile Information Systems issnciteaza:1574-017X AnAparitie:2016 nrAutori:3 zonaCitare:1	(8/[3]*[1])	2.666	https://drive.unitbv.ro/s/RC6rpSFLa9JNmNy
An Unlicensed Indoor HDTV Multi-Vision System in the DTT Bands issncitat:00189316 titlu:Multimedia communication over cognitive radio networks from QoS/QoE perspective: A comprehensive survey Revista:JOURNAL OF NETWORK AND COMPUTER APPLICATIONS issnciteaza:1084-8045 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/RewNbCNfiA7Fffw
An Unlicensed Indoor HDTV Multi-Vision System in the DTT Bands issncitat:00189316 titlu:TV white spaces exploration for cognitive radio: taxonomy and research issues Revista:Telecommunication Systems issnciteaza:1018-4864 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/RewNbCNfiA7Fffw
An Unlicensed Indoor HDTV Multi-Vision System in the DTT Bands issncitat:00189316 titlu:Real-Time Generation of Standard-Compliant DVB-T Signals Revista:RADIOENGINEERING issnciteaza:1210-2512 AnAparitie:2018 nrAutori:3 zonaCitare:1	(8/[3]*[1])	2.666	https://drive.unitbv.ro/s/RewNbCNfiA7Fffw
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:Multimedia communication over cognitive radio networks from QoS/QoE perspective: A comprehensive survey Revista:JOURNAL OF NETWORK AND COMPUTER APPLICATIONS issnciteaza:1084-8045 AnAparitie:2020 nrAutori:4 zonaCitare:2	(8/[4]*[2])	4	https://drive.unitbv.ro/s/379XGgMbfcyTJDK
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:Review of optical and wireless backhaul networks and emerging trends of next generation 5G and 6G technologies Revista:TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES issnciteaza:2161-3915 AnAparitie:2020 nrAutori:4 zonaCitare:1	(8/[4]*[1])	2	https://drive.unitbv.ro/s/379XGgMbfcyTJDK
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:Streaming Delay-, Expenditure- and Quality-Balanced Video Over TV White Space Revista:IEEE Transactions on Vehicular Technology issnciteaza:0018-9545 AnAparitie:2020 nrAutori:4 zonaCitare:2	(8/[4]*[2])	4	https://drive.unitbv.ro/s/379XGgMbfcyTJDK
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:TV White Space and LTE Network Optimization Toward Energy Efficiency in Suburban and Rural Scenarios Revista:IEEE Transactions on Broadcasting issnciteaza:0018-9316 AnAparitie:2018 nrAutori:4 zonaCitare:2	(8/[4]*[2])	4	https://drive.unitbv.ro/s/379XGgMbfcyTJDK
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:Wireless Multimedia Cognitive Radio Networks: A Comprehensive Survey Revista:IEEE COMMUNICATIONS SURVEYS AND TUTORIALS issnciteaza:1553-877X AnAparitie:2018 nrAutori:4 zonaCitare:2	(8/[4]*[2])	4	https://drive.unitbv.ro/s/379XGgMbfcyTJDK
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Improved Pedestrian Dead-Reckoning-Based Indoor Positioning by RSSI-Based Heading Correction Revista:IEEE Sensors Journal issnciteaza:1530-437X AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/9zyTQRPf28zdBWG
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Video key-frame extraction for smart phones Revista:Multimedia Tools and Applications issnciteaza:1380-7501 AnAparitie:2014 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/9zyTQRPf28zdBWG
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:On assessing the positioning accuracy of Google Tango in challenging indoor environments Revista:2017 International Conference on Indoor Positioning and Indoor Navigation (IPIN) issnciteaza:2471-917X AnAparitie:2017 nrAutori:3 zonaCitare:1	(8/[3]*[1])	2.666	https://drive.unitbv.ro/s/9zyTQRPf28zdBWG
A cognitive radio indoor HDTV multi-vision system in the TV white spaces issncitat:00983063 titlu:Streaming Delay-, Expenditure- and Quality-Balanced Video Over TV White Space Revista:IEEE Transactions on Vehicular Technology issnciteaza:0018-9545 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/KPm6835NHvFMDTp
A cognitive radio indoor HDTV multi-vision system in the TV white spaces issncitat:00983063 titlu:A cognitive TV white space-broadband power line MIMO system for indoor communication networks Revista:JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS issnciteaza:0016-0032 AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/KPm6835NHvFMDTp
A cognitive radio indoor HDTV multi-vision system in the TV white spaces issncitat:00983063 titlu:Wireless Multimedia Cognitive Radio Networks: A Comprehensive Survey Revista:IEEE COMMUNICATIONS SURVEYS AND TUTORIALS issnciteaza:1553-877X AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/KPm6835NHvFMDTp
A cognitive radio indoor HDTV multi-vision system in the TV white spaces issncitat:00983063 titlu:Delay-Minimized Routing in Mobile Cognitive Networks for Time-Critical Applications Revista:IEEE Transactions on Industrial Informatics issnciteaza:1551-3203 AnAparitie:2016 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/KPm6835NHvFMDTp

Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment issncitat:19324537 titlu: Social-aware spectrum sharing for D2D communication by artificial bee colony optimization By: Llerena, Yarisley Pena; Gondim, Paulo R. L. Revista:Computer Networks issnciteaza:1389-1286 AnAparitie:2018 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/A6wPaC7sBQT7NyX
Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment issncitat:19324537 titlu:Collaborative Social Internet of Things in Mobile Edge Networks Revista:IEEE INTERNET OF THINGS JOURNAL issnciteaza:2327-4662 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/A6wPaC7sBQT7NyX
Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment issncitat:19324537 titlu: Dynamic Socially-Motivated D2D Relay Selection With Uniform QoE Criterion for Multi-Demands Revista:IEEE Transactions on Communications issnciteaza:0090-6778 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/A6wPaC7sBQT7NyX
Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment issncitat:19324537 titlu:IoT-KEEPER: Detecting Malicious IoT Network Activity Using Online Traffic Analysis at the Edge Revista:IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT issnciteaza:1932-4537 AnAparitie:2020 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/A6wPaC7sBQT7NyX
Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment issncitat:19324537 titlu:Application Task Allocation in Cognitive IoT: A Reward-Driven Game Theoretical Approach Revista:IEEE Transactions on Wireless Communications issnciteaza:1536-1276 AnAparitie:2019 nrAutori:3 zonaCitare:2	(8/[3]*[2])	5.333	https://drive.unitbv.ro/s/A6wPaC7sBQT7NyX
When Social Networks Meet D2D Communications: A Survey titlu:Digital transformation in wireless networks: A comprehensive analysis of mobile data offloading techniques, challenges, and future prospects Publica?ie:JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES Data:2024 nrAutori:4 zonaCitare:1	(8/[4]*[1])	2	https://drive.unitbv.ro/s/fNLo4rKqrod6CMN
When Social Networks Meet D2D Communications: A Survey titlu:Simulation of 3D digital design of clothing fabrics based on optical imaging detection and image acquisition (Retracted Article) Publica?ie:OPTICAL AND QUANTUM ELECTRONICS Data:2024 nrAutori:4 zonaCitare:1	(8/[4]*[1])	2	https://drive.unitbv.ro/s/fNLo4rKqrod6CMN
When Social Networks Meet D2D Communications: A Survey titlu:Cognitive D2D communication: A comprehensive survey, research challenges, and future directions Publica?ie:INTERNET OF THINGS Data:2023 nrAutori:4 zonaCitare:1	(8/[4]*[1])	2	https://drive.unitbv.ro/s/fNLo4rKqrod6CMN
When Social Networks Meet D2D Communications: A Survey titlu:State-of-the-Art Device-to-Device Communication Solutions Publica?ie:IEEE ACCESS Data:2023 nrAutori:4 zonaCitare:2	(8/[4]*[2])	4	https://drive.unitbv.ro/s/fNLo4rKqrod6CMN
TOTAL		258.384	
3.1.2 Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI			
Descriere	Formula Calcul	Punctaj	Dovada
Inertial navigation systems for user-centric indoor applications issncitat: titlu:Signalslam: simultaneous localization and mapping with mixed wifi, bluetooth, LTE and magnetic signals Revista:Indoor Positioning and Indoor Navigation (IPIN), 2013 International Conference on issnciteaza:1 AnAparitie:2013 nrAutori:5	(4/[5])	0.8	https://drive.unitbv.ro/s/8iMyn6HkDcnEZob
Inertial navigation systems for user-centric indoor applications issncitat:1 titlu:Pedestrian Dead Reckoning as a Complementary Method for Wireless Sensor Network Ad-hoc Person Localization. Revista:Proceedings of the 1st International Conference on Sensor Networks, Rome, Italy, 24-26 February, 2012 issnciteaza:1 AnAparitie:2012 nrAutori:5	(4/[5])	0.8	https://drive.unitbv.ro/s/8iMyn6HkDcnEZob
Inertial navigation systems for user-centric indoor applications issncitat:1 titlu:CINA - A Crowdsourced Indoor Navigation Assistant Revista:Utility and Cloud Computing (UCC), 2013 IEEE/ACM 6th International Conference on issnciteaza:10.1109/UCC.2013.97 AnAparitie:2013 nrAutori:5	(4/[5])	0.8	https://drive.unitbv.ro/s/8iMyn6HkDcnEZob
Inertial navigation systems for user-centric indoor applications issncitat:1 titlu:AR Turn-by-turn navigation in small urban areas and information browsing Revista: issnciteaza:1 AnAparitie:2014 nrAutori:5	(4/[5])	0.8	https://drive.unitbv.ro/s/nFiWjW745Fr2Xm
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Integrating the accelerometer of the AM335X Sitara Starter Kit in a QT application Revista:Education and Research Conference (EDERC), 2014 6th European Embedded Design in issnciteaza:978-1-4799-6841-1 AnAparitie:2014 nrAutori:3	(4/[3])	1.333	https://drive.unitbv.ro/s/9zyTQRPF28zdBWG
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Video key-frame extraction for smart phones Revista:Multimedia Tools and Applications issnciteaza:1380-7501 AnAparitie:2014 nrAutori:3	(4/[3])	1.333	https://drive.unitbv.ro/s/RrjQqgB8XYtzGq8
TV white spaces exploitation for multimedia signal distribution issncitat:09235965 titlu:Evaluation of energy efficiency of spectrum sensing algorithm for Cognitive Radio networks Revista:Computer Communication and Informatics (ICCCI), 2014 International Conference on issnciteaza:978-1-4799-2353-3 AnAparitie:2014 nrAutori:4	(4/[4])	1	https://drive.unitbv.ro/s/ec5yfKXiiXaJmmZ
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Vision-based context and height estimation for 3D indoor location Revista:Position, Location and Navigation Symposium - PLANS 2014, 2014 IEEE/ION issnciteaza:978-1-4799-3319-8 AnAparitie:2014 nrAutori:3	(4/[3])	1.333	https://drive.unitbv.ro/s/FHkG8qaRsQsYZkp
Measurement system for nondestructive testing using ultrasonic tomography spectral attenuation issncitat:18420133 titlu:Evaluation of consolidation of grout injection with ultrasonic tomography Revista:Construction and Building Materials issnciteaza:0950-0618 AnAparitie:2014 nrAutori:4	(4/[4])	1	https://drive.unitbv.ro/s/fJRBTDnxPr3p2CH
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:On the coding of plenoptic raw images Revista:Telecommunications Forum Telfor (TELFOR), 2014 22nd issnciteaza:978-1-4799-6190-0 AnAparitie:2014 nrAutori:3	(4/[3])	1.333	http://dx.doi.org/10.1109/TELFOR.2014.7034539
Indoor navigation system using image and sensor data processing on a smartphone issncitat:18420133 titlu:Single and Double Reference Points Based High Precision 3D Indoor Positioning with Camera and Orientation-Sensor on Smart Phone Revista:Wireless Personal Communications issnciteaza:0929-6212 AnAparitie:2015 nrAutori:3	(4/[3])	1.333	https://link.springer.com/article/10.1007/s11277-015-2499-7#Bib1

	Wireless Data Acquisition System Using Bluetooth issncitat:1 titlu:Fuzzy controlled wireless touch screen based data acquisition system for pump monitoring and controlling Revista:Engineering (NUI/CONE), 2013 Nirma University International Conference on issnciteaza:978-1-4799-0726-7 AnAparitie:2013 nrAutori:2	(4/[2])	2	https://drive.unitbv.ro/s/gcwcdrNqbXpjQ8q
	Hidden node margin and man-made noise measurements in the UHF broadcasting bands issncitat:21555044 titlu:Spectral Occupancy Measurements in Rural and Urban Environments: Analysis and Comparison Revista:AICT 2013, The Ninth Advanced International Conference on Telecommunications issnciteaza:978-1-61208-279-0 AnAparitie:2013 nrAutori:6	(4/[6])	0.666	https://drive.unitbv.ro/s/gFMZ8oF9LS8biSb
	SPECTRUM SENSING IN THE DVB-T BANDS USING COMBINED ENERGY DETECTION AND SIGNAL CLASSIFICATION IN THE WAVELET DOMAIN issncitat:1 titlu:Review of spectrum sensing in cognitive radio Revista:Industrial and Information Systems (ICIIS), 2011 6th IEEE International Conference on issnciteaza:978-1-4577-0032-3 AnAparitie:2011 nrAutori:3	(4/[3])	1.333	http://dx.doi.org/10.1109/ICIINFES.2011.6038031
	Cognitive Radio HDTV multi-vision system in the 700 MHz UHF TV band issncitat:1 titlu:A MAC Protocol for Cognitive Radio Wireless Ad Hoc Networks Revista:Multiple Access Communications issnciteaza:978-3-642-23794-2 AnAparitie:2011 nrAutori:2	(4/[2])	2	http://link.springer.com/chapter/10.1007/978-3-642-23795-9_1
	Cognitive Radio HDTV multi-vision system in the 700 MHz UHF TV band issncitat:1 titlu:A fair MAC protocol for resource sharing in ad-hoc cognitive networks Revista:Telecommunication Systems issnciteaza:1572-9451 AnAparitie:2014 nrAutori:2	(4/[2])	2	http://link.springer.com/article/10.1007/s11235-013-9835-6
	RFID sensor network for workplace safety management issncitat:1 titlu:Wearable rectangular patch antenna for ICT application Revista:Telecommunications Forum Telfor (TELFOR), 2014 22nd issnciteaza:978-1-4799-6190-0 AnAparitie:2014 nrAutori:4	(4/[4])	1	http://dx.doi.org/10.1109/TELFOR.2014.7034526
	A survey on spectrum sensing techniques for cognitive radio issncitat:20652119 titlu:A Virtual Reality based human-network interaction system for 3D internet applications Revista:Optimization of Electrical and Electronic Equipment (OPTIM), 2010 12th International Conference on issnciteaza:978-1-4244-7019-8 AnAparitie:2010 nrAutori:3	(4/[3])	1.333	http://ieeexplore.ieee.org/xpl/abstractReferences.jsp?tp=&arnumber=5510551&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxp%2Fabs_all.jsp%3Farnumber%3D5510551
TOTAL			22.197	
3.2 Membru in colectivele de redactie sau comitete stiintifice ale revistelor indexate ISI				
	Descriere	Formula Calcul	Punctaj	Dovada
	The 9th International Wireless Communications & Mobile Computing Conference (IWCMC 2013) DataAparitie:2013	10	10	https://iwcmc.org/2013/wp-content/uploads/2013/01/CFP_IWCMC2013.pdf
	12th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting 2017 DataAparitie:2017	10	10	CFP-BMSB-2017.pdf
	IEEE Access: D2D Communications: Security Issues and Resource Allocation DataAparitie:2019	10	10	https://drive.unitbv.ro/s/icXY66Lz79dP45S
	Sensors: Special Issue Architectures, Models and Methods for Multi-Sensorial Media in the IoT Era DataAparitie:2019	10	10	https://www.mdpi.com/journal/sensors/special_issues/AMMIoT_Era
	Applied Science: Special Issue Smart Devices DataAparitie:2020	10	10	https://www.mdpi.com/journal/applsci/special_issues/Smart_Devices
	Sensors: Special Issue 5G-Enabled IoT for Smart Homes DataAparitie:2020	10	10	https://www.mdpi.com/journal/sensors/special_issues/5G_IoT_SH
3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor BDI				
3.4 Premii Academia Romana, ASTR, academii de ramura, premii internationale				
4.1 Indice Hirsch conform ISI Knowledge				
	Descriere	Formula Calcul	Punctaj	Dovada
	IndiceHISI:14	14	14	https://www.webofscience.com/wos/author/record/D-2134-2015
4.2 Indice Hirsch conform Scopus				
	Descriere	Formula Calcul	Punctaj	Dovada
	IndiceHScopus:17	17	18	https://www.scopus.com/authid/detail.uri?authorid=35103143500
4.3 Indice Hirsch conform Google Scholar				
	Descriere	Formula Calcul	Punctaj	Dovada
	IndiceHGS:22	22	22	https://scholar.google.ro/citations?user=GfSSPNkA AAAI&hl=en

21.05.2026

COMISIA ELECTRONICĂ, TELECOMUNICAȚII ȘI NANOTEHNOLOGIE
STANDARDE MINIME NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE

Nr. crt	Domeniul activităților	Categorii și restricții	Subcategorii	Indicatori (kpi)	Nr. Minim	Punctaj Minim	Nr. Candidat	Punctaj Candidat
1	Activitatea didactică și profesională (A1)	Cărți de autor sau capitole[1] de specialitate în edituri cu ISBN	A1.1.1 internaționale	50 / nr. de autori sau 100/ nr. autori cu condiția[2]	1		3 (capitole carte)	10.763
		A1.1.2 naționale	50 / nr. de autori			1	50	
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	A1.2.1 Manuale didactice	40 / nr. de autori			3	46.66
Punctaj A1						100		107.423
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI	A2.1	(25+30 * factor impact [3]) / nr. de autori	15/minim 3 în reviste Q1 sau Q2		58/18 in reviste Q1 sau Q2	923.89
		Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)	A2.2	20 / nr. de autori			15	80.72
		Proprietate intelectuală, brevete de invenție, certificate ORDA	A2.3.1 Internaționale [5]	35/ nr. de autori				
			A2.3.2 naționale (OSIM)	25 / nr. de autori				
		Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari S.U.A. echivalent încasat[3]	A2.4.1.1 Director / Responsabil partener - internaționale	20 * ani de desfășurare	2		2	100
			A2.4.1.2 Director / Responsabil partener - naționale	10 * ani de desfășurare			1	20
		A2.4.2.1 Membru în echipă - internaționale	4 * ani de desfășurare					
		A2.4.2.2 Membru în echipă - naționale	2 * ani de desfășurare			6	36	
Punctaj A2						600		1160.61
3	Recunoașterea și impactul activității (A3)	Citări [7] în cărți, reviste și volume ale unor manifestări științifice	A3.1.1 cărți, ISI [8]	8 / nr aut art. citat	25	150	60	258.38
			A3.1.2 BDI [1]	4 / nr. aut. art. citat			18	22.2
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	A3.2				6	60
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice indexate BDI [6]	A3.3					
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu.	A3.4					
		Punctaj A3						150
Punctaj A1+A2+A3						850		1608.61
Factor cumulat ISI pentru publicații						10		69.09

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