Anexa 3b

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PROFESOR

CANDIDAT MARCU I. Ioana-Manuela

Condiţii	**Îndeplinire condiţii**	
A. Doctor	Diploma de Doctor în domeniul Inginerie electronică și Telecomunicații, Seria H, Nr. 0000453 din 07.12.2011 emisă de Universitatea POLITEHNICA din București	
B. Îndeplinirea standardelor minime naţionale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017] [**Conferențiar, Comisia CNATDCU nr. 11]**	Standarde indeplinite, conform Comisiei CNATDCU Nr.11, Electronică, Telecomunicații și Nanotehnologie Anexată: Fișa de calcul si de sustinere a indeplinirii standardelor minimale specifice domeniului, in acord cu realizarile mentionate:	
Condiţii minimale [Punctaj]	**Minim prevăzut**	**Realizat**
A1. Activitatea didactică şi profesională	100	142.173
A2. Activitatea de cercetare	600	689.660
A3. Recunoaşterea şi impactul activităţii	150	566.062
TOTAL (A)	**850**	**1397.894**
Condiţii minimale obligatorii pe subcategorii [Număr]	**Minim prevăzut**	**Realizat**
A1.1.1-A1.1.2 Cărți de specialitate	1	5
A2.1 Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	15	40
din care în reviste cotate ISI Q1 sau Q2	3	3
A2.4.1 Granturi/proiecte câștigate prin competiție (Director / Responsabil partener)	2	2
A3.1.1 Numar de citări în cărți, reviste cotate ISI și în volume ale unor manifestări ştiinţifice ISI (WOS)	25	171
Factor de impact ISI cumulat pentru publicatii	10	26.951
C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale	**Diploma de Licenta**, in domeniul Electronic Nr 2531 din 20.01.2003 emisă de Universitatea POLITEHNICA din București **Media examenului de diplomă: 10.00**	
	Diplomă de Studii Aprofundate, Specializarea Radiocomunicații, microunde și comunicații optice, Nr 758 din 02.12.2003, emisă de Universitatea POLITEHNICA din București **Media examenului de disertație: 10.00** _____ **Alte Certificate** Certificate de absolvire Departamentul pentru Pregătirea Personalului Didactic, seria D, Nr. 0033355/2002 _____ **Alte Acte de atestare a studiilor/realizarilor profesionale**..... ……	

Subsemnata MARCU I. IOANA MANUELA, Departamentul de Telecomunicaţii Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei, din Domeniul de Studii Univ. Telecomunicaţii, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/2016] Nr. 11, Electronică, Telecomunicații și Nanotehnologie, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declaraţii, din Legea 286/2009 - Codul Penal, ca sunt indeplinite toate Standardele minimale prevazute de Metodologia UPB 2017 pentru susţinerea tezei de abilitare si OMECTS 6129/2016 [C + P], in momentul inscrierii la concurs, si sustin veridicitatea informatiilor prezentate in dosar si in materialul de mai sus. Lucrările considerate a fi incluse in Baza ISI Thomson Reuters sau in alte Baze de Date Internationale [BDI] sunt vizibile in aceste baze, in dreptul numelui candidatului, la aceasta data.

Candidat,
MARCU I. IOANA MANUELA

Data

05.10.2023

ÎN CONTINUARE: Fişa de calcul si de susţinere a îndeplinirii standardelor minimale specifice domeniului, în acord cu realizările menționate

Fişa de calcul şi de sustinere a îndeplinirii standardelor minimale specifice domeniului

Prof. Conf.dr.ing.MARCU Ioana Manuela

Departamentul Telecomunicatii
Facultatea de Electronica, Telecomunicatii si Tehnologia Informatiei
Comisia Electronica, Telecomunicatii si Nanotehnologie (Anexa nr. 11)

5 octombrie 2023

CENTRALIZATOR

Condiţii minimale pentru profesor la Comisia de Electronica, Telecomunicatii si Nanotehnologie (Anexa nr. 11)	Val. Min.	Obţinut
A1 Activitate didactică / profesională	100	142.173
A2 Activitatea de cercetare	600	689.660
A3 Recunoaşterea impactului activităţii	150	566.062
INDICATORUL DE MERIT (A = A1 + A2 + A3))	850	**1397.894**
A1.1.1-A1.1.2 Cărţi de specialitate	1	5
A2.1 Articole în reviste cotate ISI şi în volumele unor manifestări ştiinţifice indexate ISI proceedings	15	40
din care în reviste cotate ISI Q1 sau Q2 [10]	3	3
A2.4.1 Granturi/proiecte câştigate prin competiţie (Director / Responsabil partener)	2	2
A3.1.1 Numar de citări în cărţi, reviste cotate ISI şi în volume ale unor manifestări ştiinţifice ISI (WOS) [11]	25	171
Factor de impact ISI cumulat pentru publicatii [12]	10	26.951

PREZENTARE DETALIATA

A1 - Activitate didactică şi profesională

Nr.crt.					Punctaj
	A1.1.1 Cărţi de autor sau capitole [1] de specialitate în edituri cu ISBN (Cărţi / monografii) - internaţionale	Tip [1]	Nr. Autori	>50 biblioteci străine conform WorldCat [2]	
1	**Ioana Marcu**, Simona Halunga, Octavian Fratu and Dragos Vizireanu , "Multiuser systems implementations in fading environments", Chapter book in "Applications of MATLAB in Science and Engineering", InTech - Open Access Publisher, ISBN 978-953-307-708-6, DOI: 10.5772/19720, Published: 2011 URL: https://www.intechopen.com/books/applications-of-matlab-in-science-and-engineering/multiuser-systems-implementations-in-fading-environments	Capitol	4	Nu	**3.125**
	A1.1.2 Cărţi de autor sau capitole de specialitate în edituri cu ISBN (Cărţi / monografii) - naţionale	Tip [1]	Nr. Autori		
1	**I. Marcu**, "Noţiuni fundamentale de grafică computerizată şi animaţie", Editura Politehnica Press, ISBN 978-606-9608-25-8, 147 pag, 2022 (http://cr.uk.to/edi_final_marcu.pdf)	Carte	1	Nu	**50.000**
2	**I. Marcu**, I. Pirnog, A. Vulpe, L. Dogariu, A.-M. Drăgulinescu, "Electronic measurements. Theory and applications", Editura Politehnica Press, ISBN 978-606-515-987-7, 166 pag, 202	Carte	5	Nu	**10.000**
3	**I. Marcu**, C.Oprea, A. Martian, O. Fratu, I. Marghescu, "Comunicatii Mobile. Aspecte teoretice si experimentale", Editura Politehnica Press, ISBN 978-606-515-837-5, 109 pag, 2018	Carte	5	Nu	**10.000**
4	S.V. Nicolaescu, I Marghescu, I. Bogdan, S Halunga, **I. Marcu** ş.a. „Accesul Wireless de Bandă Largă ", vol I (387 pag) , Editura Printech 2008, ISBN 978-606-521-080-6, 978-606-521-081-3	Carte	20	nu	**2.500**
5	S.V. Nicolaescu, I Marghescu, I. Bogdan, S Halunga, **I. Marcu** ş.a. „Accesul Wireless de Bandă Largă ", vol II (214 pag), Editura Printech 2008, ISBN 978-606-521-080-6, 978-606-521-081-3	Carte	20	Nu	**2.500**
	A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN (Manuale didactice)	Tip [1]	Nr. Autori		
1	**I. Marcu**, O. Fratu " Mobile Communications. Applicative Aspects", Editura Politehnica Press, ISBN 978-606-9608-28-9, 129 pag, 2022 (http://cr.uk.to/Mobile_Communications.pdf)	Carte	2	Nu	**25.000**
2	I. Constantin, S. Halunga, **I. Marcu**, „Comunicaţii analogice şi digitale – Culegere de probleme", Editura Electronica 2000, Bucureşti, 2010 (191 pag.), ISBN 978-973-7860-22-4	Carte	3	Nu	**13.333**
3	M. Stanciu, S. Obreja, A. Paun, R. U. Mihnea, **I. Marcu**, R. O. Preda, I. Pirnog, "Instrumentatie electronica de masura - Indrumar de laborator", Electronica 2000, ISBN 978-973-7860-10-1, 88 pag, Bucharest, Romania, 2008	Carte	7	Nu	**5.714**
4	I. Constantin, S. Halunga, **I. Marcu**, „Semnale şi Sisteme - probleme", Editura Electronica 2000, Bucureşti, 149 pag., ISBN 978-973-7860-07-1, 2007	Carte	3	Nu	**13.333**
5	T. Petrescu, S. Halunga, O. Fratu, **I. Marcu**, C. Voicu, R. Craciunescu, "Analiza si sinteza circuitelor: teorie si aplicatii", Editura Politehnica Press, ISBN 978-606-515-641-8, Bucuresti, 2015	Carte	6	Nu	**6.667**
	Total A1				**142.173**

A2 - Activitatea de cercetare

Nr.crt.					Punctaj
	A2.1 Articole în reviste cotate ISI, şi lucrări în volumele unor manifestări ştiinţifice indexate ISI (FI la data publicării articolului)	Baza de date [4]	Nr. Autori	Factor impact [3] (conf. Top [10])	
1	**I. Marcu (Bercă)**, S. Halunga, Octavian Fratu, Tatiana Mochi, "Software defined radio - Simulation for audio broadcasting applications", TELSIKS 2003, 6th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, October 1-3, Nis, Serbia and Montenegro, Vol.2, pp. 238-241 WOS:000188740300050	ISI	4	0.250	**8.125**
2	**I. Marcu**, S. Halunga, O. Fratu, D. Vizireanu, „Fading effects on turbo-encoded data", Conferinţa IEEE – TELSIKS 2007, Nis, Serbia, 26-28 Sept 2007, pg. 525-528 WOS:000251017900104	ISI	4	0.250	**8.125**

3	S. Halunga, **I. Marcu**, O. Fratu, A. Badescu, „Conventional and optimal multiuser performance increase by using turbo encoding", 9th International Conference On Telecommunications In Modern Satellite, Cable And Broadcasting Services (TELSIKS 2009), 7-9 Oct. 2009, Nis, Serbia, pp 414 – 417 WOS:000289094600079	ISI	4	0.250	**8.125**
4	A Badescu, O Fratu, S Halunga, **I. Marcu**, „Consideration on radio propagation in cavities", 9th International Conference On Telecommunications In Modern Satellite, Cable And Broadcasting Services (TELSIKS 2009), 7-9 Oct. 2009, Nis, Serbia, pp 388 – 391 WOS:000289094600074	ISI	4	0.250	**8.125**
5	S. Halunga, **I. Marcu**, O. Fratu, I Marghescu,"Orthogonality, amplitude and number of users efects on conventional multiuser detection using turbo decoding", EUROCON 2009, 18-23 May 2009, Sankt Petersburg, Rusia, pp. 2000-2004 WOS:000272589500327	ISI	4	0.250	**8.125**
6	S. Halunga, **I. Marcu**, O. Fratu, D. Vizireanu, "Convolutional encoding effects on conventional multiuser decoding algorithm in imperfect decoding conditions", Wireless Vitae, 17-20 May, 2009, Aalborg, Denmark, pp 238 – 242 WOS:000276233900046	ISI	4	0.250	**8.125**
7	C. Vasile, **I.Marcu**, S. Halunga, D. N. Vizireanu, „MMSE Multiuser Detector Performances Improvement with Convolutional and Turbo coding", 8th International Conference on Communications (COMM 2010), 10-12 June 2010, ISBN: 978-1-4244-6360-2, Bucharest, Romania WOS:000299870700124	ISI	4	0.250	**8.125**
8	C. Vasile, S.V. Halunga, **I.M. Marcu**, O. Fratu, A. Badescu, „MMSE Synchronous Systems Behaviour in Different Types/Length of Spreading Sequences Environment", 9th International Symposium on Electronics and Telecommunications (ISETC), Pages: 191-194, DOI: 10.1109/ISETC.2010.5679358, Published: 2010 WOS:000296356700039	ISI	5	0.250	**6.500**
9	A. Badescu, O. Fratu, A. Frujina, S. V. Halunga, **I. Marcu**, „Wireless sensor network for wildlife monitoring", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 10 Issue: 11 Pages: 1625-1634, Published: NOV 2011, ISSN: 1582-9596 WOS:000298662900003 URL: http://www.eemj.icpm.tuiasi.ro/issues/vol10/vol10no11.htm	ISI	5	1.004	**11.024**
10	E. Zainea, A. Martian, **I. Marcu**, O. Fratu, "Transition from Analog to Digital Broadcasting", în Proc. 10th International Symposium on Electronics and Telecommunications (ISETC12), Timisoara, November 2012, pp. 171-175, ISBN: 978-1-4673-1175-5 WOS:000318702700040	ISI	4	0.250	**8.125**
11	E.-C. Popovici, **I.-M. Marcu**, O. Fratu, S.-V. Halunga, "Location-Based Web System for Geographically Distributed Mobile Teamwork Management", Chapter book in Advances in Intelligent Web Mastering – 3, Advances in Intelligent and Soft Computing Volume 86, DOI: 10.1007/978-3-642-18029-3_22, ISBN 978-3-642-18028-6, ISSN 1867-5662, pp 217-224, Editura Springer-Verlag Berlin, Heidelberg, Berlin, Germania, 2011 WOS: 000290421700022 URL: https://link.springer.com/chapter/10.1007/978-3-642-18029-3_22	ISI	4	0.250	**8.125**
12	**Ioana M. Marcu**, Simona V. Halunga, "LDPC vs turbocodes behavioral analysis in multiuser DS -CDMA systems", Proceedings of "International Symposium on Electronics and Telecommunications ETC 2014 Eleventh Edition", ISBN 978-1-4799-7265-4, pp. 135-139, Timisoara, November 14-15, 2014 WOS:000366633300032	ISI	2	0.250	**16.250**
13	**Ioana Marcu**, Carmen Voicu, Simona V. Halunga, "Superimposed effects of signature sequences and LDPC technique in faded CDMA multiuser systems", Proceedings of ISSCS 2015, ISBN: 978-1-4673-7487-3, Iasi, Romania, 2015 WOS:000380451600037	ISI	3	0.250	**10.833**
14	R. O. Preda, **I. Marcu**, A. Ciobanu, „Image authentication and recovery using wavelet-based dual watermarking", Scientific Bulletin of the University Politehnica of Bucharest, Series C: Electrical Engineering and Computer Science, Vol. 77, Issue 4, pp. 119-130, ISSN: 2286-3540, 2015 WOS:000421811300017 URL: https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full1cb_616688.pdf	ISI	3	0.250	**10.833**
15	G. Suciu, V. Suciu, A. Martian, R. Craciunescu, A. Vulpe, **I. Marcu**, S. Halunga, O. Fratu, "Big Data, Internet of Things and Cloud Convergence - An Architecture for Secure E-Health Applications", Journal of Medical Systems, Springer Publisher, Online ISSN 1573-689X, November 2015 WOS:000363557500011 URL: https://link.springer.com/article/10.1007/s10916-015-0327-y (am considerat IF si quartila din 2021 publicate in 2022)	ISI-Q1	8	4.920	**21.575**
16	**Ioana Marcu**, Simona V. Halunga, "Implication of LDPC Technique in Non-ideal Multiuser Communication System", Wireless Personal Communications, Volume 87, Issue 3, pp 797–814, April 2016 DOI: 10.1007/s11277-015-2627-4 WOS:000372271400012 URL: https://link.springer.com/article/10.1007/s11277-015-2627-4 (am considerat IF si quartila din 2021 publicate in 2022)	ISI	2	2.017	**42.755**
17	**Ioana Marcu**, Carmen Voicu, Simona V. Halunga, "Combined-coding effects over multiple access transmissions", U.P.B. Sci. Bull., Series C, Vol. 78, Iss. 3, pp. 127-136, ISSN 2286-3540, 2016 WOS:000393326700012 URL: https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full5fc_694370.pdf	ISI	3	0.250	**10.833**
18	**I. Marcu**, C. Voicu, R. Crăciunescu, S. Halunga, „LDPC Performances in Multi-Carrier Systems", IEEE 11th International Conference on Communications (COMM 2016), ISBN:978-1-4673-8197-0, pp. 209-212, Bucharest, Romania, June 2016 WOS:000383221900044	ISI	4	0.250	**8.125**
19	A.-M. C. Drăgulinescu, **I. Marcu**, S. Halunga, O. Fratu, "Sensors system design for discrimination between humans and animals", 8th International Conference on Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies (ATOM-N), Constanta, Romania, Aug. 2016 WOS:000391359600038	ISI	4	0.250	**8.125**
20	A. Vulpe, Ş. C. Arseni, **I. Marcu**, C. Voicu, O. Fratu, „Building a Unified Middleware Architecture for Security in IoT", In WorldCIST 2017: Recent Advances in Information Systems and Technologies, vol 570, pp.105-114. Springer, Cham, DOI: 10.1007/978-3-319-56538-5_11, Apr 2017 WOS:000425541200011	ISI	5	0.250	**6.500**
21	Ana Maria Claudia Dragulinescu, Andrei Dragulinescu, **Ioana Marcu**, Simona Halunga, Octavian Fratu, "SmartGreeting: A new smart home system which enables context-aware services", In: Fratu O., Militaru N., Halunga S. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241. Springer, Cham WOS: 000481658200023	ISI	5	0.250	**6.500**
22	Mircea Popescu, Răzvan Bărtușică, Alexandru Boitan, **Ioana Marcu**, Simona Halunga, „Considerations on estimating the minimal level of attenuation in TEMPEST filtering for IT", In: Fratu O., Militaru N., Halunga S. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241. Springer, Cham WOS: 000481658200002	ISI	5	0.250	**6.500**
23	**I. Marcu**, C. Voicu, A.M.D. Drăgulinescu, O. Fratu, G. Suciu, C. Bălăceanu, M.M Andronache, "Overview of IoT basic platforms for precision agriculture", FABULOUS 2019: Future Access Enablers for Ubiquitous and Intelligent Infrastructures, Publisher: Springer, ISBN: 978-3-030-23975-6, pp 124-137, March 2019 (URL: https://link.springer.com/chapter/10.1007/978-3-030-23976-3_13) WOS: 000552334400013	ISI	7	0.250	**4.643**
24	M. Vochin, A. Vulpe, **I. Marcu**, G. Suciu, "Low-power intelligent displaying system with indoor mobile location capability", FABULOUS 2019: Future Access Enablers for Ubiquitous and Intelligent Infrastructures, Publisher: Springer, ISBN: 978-3-030-23975-6, pp 146-153, March 2019 (URL: https://link.springer.com/chapter/10.1007/978-3-030-23976-3_15) WOS: 000552334400015	ISI	4	0.250	**8.125**
25	G. Suciu, **I. Marcu**, C. Balaceanu, M. Dobrea, E. Botezat, "Efficient IoT system for Precision Agriculture", 15th International Conference on Engineering of Modern Electric Systems (EMES), ISBN: 978-1-7281-0773-8, Pages: 173-176 Oradea, Romania, June 2019 WOS:000503434500044	ISI	5	0.250	**6.500**
26	**I. M. Marcu**, G. Suciu, C. M. Balaceanu, A. Banaru, "IoT based System for Smart Agriculture", 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), ISBN: 978-1-7281-1624-2, Pitesti, Romania, June 2019 WOS: 000569985400006	ISI	4	0.250	**8.125**
27	C. M. Balaceanu, **I. Marcu**, G. Suciu, "Telemetry System for Smart Agriculture", International Conference on Business Information Systems (BIS 2019: Business Information Systems Workshops), Part of the Lecture Notes in Business Information Processing book series (LNBIP, volume 373), ISBN 978-3-030-36690-2, pp 573-584, June 2019, Sevilla, Spain WOS: 000611408800048	ISI	3	0.250	**10.833**
28	A.-E. Marcu, G. Suciu, E. Olteanu, D. Miu, A. Drosu, **I. Marcu**, "IoT System for Forest Monitoring", 42nd International Conference on Telecommunications and Signal Processing (TSP), ISBN: 978-1-7281-1864-2, pp. 629-632, Budapest, Hungary, WOS: 000493442800138, July 2019	ISI	6	0.250	**5.417**
29	C. Balaceanu, **I. Marcu**, G. Suciu, C. Dantas, P. Mayer, " Developing a Smart Toilet System for ageing people and persons with disabilities", ECBS 2019, ISBN:978-1-4503-7636-5, Bucharest, Romania, Sept 2019 WOS: 000525376600016	ISI	5	0.250	**6.500**
30	**I. M. Marcu**, A. Țigănuș, A. M. Dragulinescu, "A new approach on Smart-Parking concept", ECBS 2019, ISBN:978-1-4503-7636-5, Bucharest, Romania, Sept 2019 WOS: 000525376600015	ISI	3	0.250	**10.833**
31	I. Pirnog, **I. Marcu**, A.M.C. Drăgulinescu, C. Oprea, "Digital Filters for Sigma-Delta Modulation in Wireless Communications", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.111-114, WOS: 000514295300022, Sinaia, Romania, Oct. 2019 (Articole publicate în conferință de nivel 1 în clasificarea Julkaisu Publication Forum echivalate cu articol Q1,Q2)	ISI	4	0.250	**8.125**

32	C. Oprea, I. Pirnog, **I. Marcu**, M. Udrea, "Robust Pose Estimation Using Time-of Flight Imaging", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.301-304, Sinaia, Romania, Oct. 2019 WOS: 000514295300063 (Articole publicate în conferinţă de nivel 1 în clasificarea Julkaisu Publication Forum echivalate cu articol Q1,Q2)	ISI	4	0.250	**8.125**
33	I. Pirnog, **I. Marcu**, C. Oprea, "Automated Segmentation of Pigmented Skin Lesions Images for Smartphone Applications", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.107-110, Sinaia, Romania, Oct. 2019 WOS: 000514295300021 (Articole publicate în conferinţă de nivel 1 în clasificarea Julkaisu Publication Forum echivalate cu articol Q1,Q2)	ISI	3	0.250	**10.833**
34	**I. Marcu,** G. Suciu, C. Bălăceanu, A.-M. Drăgulinescu, M. A. Dobrea, "IoT Solution for Plant Monitoring in Smart Agriculture", 2019 IEEE 25th International Symposium for Design and Technology in Electronic Packaging (SIITME), Electronic ISBN: 978-1-7281-3330-0, Cluj-Napoca, Romania, Oct. 2019 WOS: 000564733700038	ISI	5	0.250	**6.500**
35	**I. Marcu**, G. Suciu, C. Balaceanu, A. Vulpe, A.M. Dragulinescu, „Arrowhead Technology for Digitalization and Automation Solution: Smart Cities and Smart Agriculture", SENSORS, Volume: 20, Issue: 5, Article Number: 1464, DOI: 10.3390/s20051464, Published: MAR 2020 WOS: 000525271500226 (am considerat IF si quartila din 2021 publicate in 2022)	ISI-Q2	5	3.847	**28.082**
36	**Ioana Marcu,** Ionuț Pirnog, Carmen Voicu, Ana-Maria-Claudia Drăgulinescu, "Delta-Sigma Modulation for noise cancellation in 5G-compliant network", WIRELESS PERSONAL COMMUNICATIONS, DOI: 10.1007/s11277-020-07327-w, ISSN: 0929-6212, APR 2020 WOS: 000526247100009	ISI	4	2.017	**21.378**
37	C. Mărculescu, A. Machedon, A.-M. C. Drăgulinescu, **I. Marcu**, C. Zamfirescu, "LoRa and Bluetooth-based IoT alarm clock device for hearing-impaired people", IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIIT ME), Electronic ISSN: 2642-7036, Pitesti, Romania, Oct. 2020 (IEExplore) URL: https://ieeexplore.ieee.org/document/9292234 WOS:000651085100028	ISI	5	0.250	**6.500**
38	C. Balaceanu, G Suciu, M Balanescu, A Iosif, M Dobrea, O Orza, **I Marcu**, "Assessment of climate change effects on the viticulture using ADCON telemetry station ", JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Volume: 21 , Issue: 2, Pp: 2020 ,471-480 WOS: 000566784600010 (am considerat IF si quartila din 2021 publicate in 2022)	ISI	7	0.507	**5.744**
39	I. Marcu, A.-M. C. Drăgulinescu, C. Oprea, G. Suciu, C. Bălăceanu, "Predictive analysis and wine-grapes disease risk assessment based on atmospheric parameters and precision agriculture platform", SUSTAINABILITY 2022, 14(18), 11487; https://doi.org/10.3390/su141811487, Sept 2022 URL: https://www.mdpi.com/2071-1050/14/18/11487 WOS:000856715900001 (am considerat IF si quartila din 2021 publicate in 2022)	ISI-Q2	5	3.889	**28.334**
40	A.-M. Drăgulinescu, **I. Marcu**, C. Zamfirescu, „An End-to-End LoRaWAN-based IoT Platform with Built-in Network Coverage Testing Capability", 25th International Symposium on Wireless Personal Multimedia Communications (WPMC 2022), DOI: 10.1109/WPMC55625.2022.10014713, October 30-November 2, 2022, Herning, Denmark WOS: 000947852500075	ISI	3	0.250	**10.833**
	A2.2 Articole în reviste, şi în volumele unor manifestari stiintifice indexate în alte baze de date internationale recunoscute (BDI) [4]	Baza de date [4]	Nr. Autori		
1	A. Bădescu, **I. Marcu**, T. Petrescu, S. Halunga, O. Fratu, „Facilities of Digital Modulation Techniques and Conversion Schemes in Underground Multiuser Systems", International Conference on Computer as a Tool (EUROCON 2011), April 27-29, 2011, ISBN: 978-1-4244-7486-8, IST Congress Center, Lisabona, Portugalia URL: https://ieeexplore.ieee.org/document/5929281	IEEE Explore	5		**4.000**
2	S. V. Halunga, O. Fratu, **I. M. Marcu**, A. Bădescu, E. C. Popovici, D. N. Vizireanu, „Performance Evaluation of Conventional and MMSE Multiuser Detection Algorithms with Different Spreading Signature Codes", International Conference on Computer as a Tool (EUROCON 2011), April 27-29, 2011, ISBN: 978-1-4244-7486-8, IST Congress Center, Lisabona, Portugalia URL: https://ieeexplore.ieee.org/document/5929373	IEEE Explore	6		**3.333**
3	C. Vasile, S. V. Halunga, **I. Marcu**, O. Fratu, A. Badescu, „MMSE Synchronous System Behaviour in Different Length/Types of Spreading Sequences environment", Proceedings of Ninth Edition International Symposium on Electronics and Telecommunications ETC 2010, pag. 191-194, ISBN 978-1-4244-8458-4, November 11-12 2010, Timisoara, Romania URL: https://ieeexplore.ieee.org/document/5679358	IEEE Explore	5		**4.000**
4	A.M.Bădescu, T. Petrescu, **I. Marcu**, O. Fratu, S. Halunga, "Propagation effects in synchronous underground CDMA systems", 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), 2011, pp. 156-159 URL: https://ieeexplore.ieee.org/document/6112025	IEEE Explore	5		**4.000**
5	**I. M. Marcu**, S.V. Halunga, O. Fratu, "Implementation of different behaviours of DS-CDMA systems with multiuser detectors", 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), 2011, p. 481-488 URL: https://ieeexplore.ieee.org/document/6143240	IEEE Explore	3		**6.667**
6	A.M. Badescu, S. Halunga, N. Vizireanu, O. Fratu, **I. Marcu**, „A comparison between Performances of QPSK and 16QAM signals for A Underground Multiuser Scenario", Proceedings of The Fifth International Multi-Conference on Computing in the Global Information Technology ICCGI 2010, pag. 268-273, ISBN 978-0-7695-4181-5, September 20-25 2010, Valencia, Spain URL: https://ieeexplore.ieee.org/document/5628799	IEEE Explore	5		**4.000**
7	A. Marţian, **I. Marcu**, I. Marghescu, "Spectrum Occupancy in an Urban Environment: A Cognitive Radio Approach", Proc. 6th Advanced International Conference on Telecommunications (AICT 2010), pp 25-29, ISBN: 978-1-4244-6748-8, Barcelona, May 2010 URL: https://ieeexplore.ieee.org/document/5489710	IEEE Explore	3		**6.667**
8	O. Fratu, S. Halunga, C. Perju, A. Marţian, **I. M. Marcu**, "On the Availability of CDMA Channels for Secondary Users", in Proc. 3rd International Workshop on Cognitive Radio and Advanced Spectrum Management, COGART 2010, ISBN 978-1-4244-8131-6, Rome, Italy, November 2010. URL: https://ieeexplore.ieee.org/document/5702775	IEEE Explore	5		**4.000**
9	A.M. Badescu, O. Fratu, S. Halunga, **I. Marcu**, 2009, "Consideration on Wave Propagation in Underground Dielectrics", Proceedings of Loughborough Antennas & Propagation Conference, Loughborough, UK; ISBN: 978-1-4244-2720-8; pag. 377 - 380; INSPEC Accession Number: 11008727; DOI: 10.1109/LAPC.2009.5352370 URL: https://ieeexplore.ieee.org/document/5352370	IEEE Explore	4		**5.000**
10	A.-M. C. Drăgulinescu, **I. Marcu,** S. Halunga, O. Fratu, "Persons Counting and Monitoring System based on Passive Infrared Sensors and Ultrasonic Sensors (PIRUS)", 2nd EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (FABULOUS 2016), October 24–25, 2016, Belgrade, Serbia URL: https://link.springer.com/chapter/10.1007/978-3-319-74935-8_14	Springerlink	4		**5.000**
11	**I. Marcu**, I. Pirnog, "SCL-Based Analysis for 4G-Compliant System in Indoor Pedestrian Environments" in Advances in Intelligent Systems and Computing book series (AISC, volume 747), Editors: Álvaro Rocha, Hojjat Adeli, Luís Paulo Reis, Sandra Costanzo, pp. 108-118, ISBN: 9783319777009, Springer, 2018 DOI https://doi.org/10.1007/978-3-319-77700-9_11 URL: https://link.springer.com/chapter/10.1007/978-3-319-77700-9_11	Springerlink	2		**10.000**
12	**I. Marcu**, A.-M. Drăgulinescu, C. Florea, C. Bălăceanu, M. A. Dobrea, G. Suciu, "Agricultural data fusion for Smartagro telemetry system", Advances in Science, Technology and Engineering Systems, Volume 5, Issue 5, 2020, Pages 1266-1272, Dec. 2020 (Scopus- Open Access) URL: https://www.scopus.com/authid/detail.uri?authorId=24473143100	Scopus	6		**3.333**
13	A. Drăgulinescu, A.-M. Drăgulinescu, **I. Marcu,** „Optical correlator based on the Hilbert transform for image recognition", 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Electronic ISBN:978-1-6654-2534-6, Pitesti, Romania, July 2021 DOI: 10.1109/ECAI52376.2021.9515064 URL: https://ieeexplore.ieee.org/document/9515064	IEEE Explore	3		**6.667**
	A2.3.1 Proprietate intelectuală, brevete de inventie, certificate ORDA - internationale [5]	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
		JPO		0.000	**0.000**
	A2.3.2 Proprietate intelectuală, brevete de inventie, certificate ORDA - nationale (OSIM)	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
1	**I.-M. Marcu**, O. Fratu, S. V. Halunga, A.-R. Vulpe, C. Florea, A. Marțian, A.M.C. Drăgulinescu, G. Suciu, C. M. Bălăceanu, A. Drosu, R.-N. Chevereşan, D. Miu, „Telemetry system for intelligent agriculture addressed to farmers and agricultural producers, has component set for monitoring, warning and supporting decisions in cloud, which provides for visualization and analysis of data, notifications or recommendations resulting from data analysis", Derwent Primary Accession Number 2022-495358, **Patent Number** RO135499-A2, Main IPC G16Y-010/05, Patent Assignees: UNIV POLITEHNICA DIN BUCURESTI (UYPO-Non-standard), BEIA CONSULT INT SRL(BEIA-Non-standard), Indexed 2022-04-24		12	0.500	**2.083**

	A2.4.1.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenţi economici în valoare de minim 10.000 dolari SUA echivalent încasaţi [6] (Director / responsabil partener) - internaționale	[6]	Nr.ani		
					0.000
	A2.4.1.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenţi economici în valoare de minim 10.000 dolari SUA echivalent încasaţi [6] (Director / responsabil partener) - naționale		Nr.ani		
1	**I. Marcu** (responsabil proiect), et al "Sistem de telemetrie pentru agricultura inteligentă (SmartAgro)", contract subsidiar nr. 8592 / 08.05.2018 din cadrul proiectului "Ecosistem de cercetare, inovare și dezvoltare de produse și servicii TIC pentru o societate conectată la Internet of Things – NETIO" cod MySmis 105976, Programul Operațional Competitivitate 2014-2020, Axa prioritară 1: Cercetare, dezvoltare tehnologică și inovare (CDI) în sprijinul competitivității economice și dezvoltării afacerilor, Domeniul major de intervenţie: Parteneriate pentru transfer de cunoștințe, contract nr. 53/05.09.2016, durata proiect: iulie 2018- august 2020 (Website: https://smartagro.beia-consult.ro/ și https://netio.ro/proiecte-cu-intreprinderile/)		2.0		**20.000**
2	**I. Marcu** (director de proiect), et al "Platforma Next Generation Internet bazată pe 5G și UAV-uri pentru agricultura de precizie (NGI-UAV-AGRO)", contract 461PED/2020, cod proiect: PN-III-P2-2.1-PED-2019-1945 din cadrul competiției " Programul 2 - Creșterea competitivității economiei românești prin cercetare, dezvoltare și inovare, Subprogramul 2.1. Competitivitate prin cercetare, dezvoltare şi inovare - "Proiect experimental demonstrativ (PED 2019)" (UEFISCDI), durată proiect: Noiembrie 2020- Octombrie 2022 (Website: http://nextagri.radio.pub.ro/)		2.0		**20.000**
	A2.4.2.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenţi economici în valoare de minim 10.000 dolari SUA echivalent încasaţi [6] în calitate de director sau responsabil contract (Membru în echipă) - internaționale		Nr.ani		
1	Ramjee Prasad (Aalborg University), Vladimir Poulkov (TECHNICAL UNIVERSITY OF SOFIA), Liljana Gavrilovska (Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE), O. Fratu (director UPB), etc., " eWall for Active Long Living" (eWALL), Proiect European de tip integrat FP7, no. 610658, 2013-2016 (https://cordis.europa.eu/project/id/610658) CIM nr 1000/8 din 31.10.2013		3		**12.000**
2	O. Fratu (PPD, coord. UPB), „Reconfigurable Interoperability of Wireless Communications Systems (RIWCoS)", Contract NATO de tip „Știință pentru Pace" nr. SfP-982469 (coordonatori: O. Fratu – PPD, A.C. Boucouvalas – NPD, participanți din România, Grecia, Macedonia și Danemarca) (2007-2010).		4		**16.000**
3	S. Halunga (coord. UPB), O.Fratu (responsabil științific UPB), **I. Marcu**, ș.a. „REDICT—Regional Economic Development by ICT/New media clusters", proiect FP7 tip CSA nr. 206480, acceptat în cadrul apelului FP7-REGIONS-2007-1, (coord. City of Amsterdam, 17 parteneri din Olanda, Germania, Franța, România, Irlanda și Danemarca) (2007-2009).		3		**12.000**
4	S. Ciochină (director UPB), European project "ENTHRONE" (IP-507637), FP5, "End-to-End QoS through Integrated Management of Content, Networks and Terminals" (2004-2006)		3		**12.000**
5	S. Ciochină (director UPB), ș.a, european project "ATHENA- Digital Switchover: Developing Infrastructures for Broadband Access", STREP (FP6), nr FP6-507312 (2004-2006).		2		**8.000**
	A2.4.2.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenţi economici în valoare de minim 10.000 dolari SUA echivalent încasaţi [6] în calitate de director sau responsabil contract (Membru în echipă) - naționale		Nr.ani		
1	A. Badescu, **I. Marcu**, et al, "Radiowave propagation in heterogeneous media: implications on the electronics of Cosmic Neutrino Detectors", proiectul nr PN3-P3-529/2017 –UEFISCDI, partener unic UPB, desfasurat prin centrul de cercetare UPB; domeniu PE7, 24 luni (Website: https://roma.mcma.pub.ro/PremiereH2020/)		2		**4.000**
2	Alexandru Vulpe (Director de proiect), S. Halunga, O. Fratu, **I. Marcu**, C. Voicu, M. Berceanu, A. Stancu, Ș. Arseni, "Platformă de test pentru Studiul Securității în IoT (PaSS-IoT)" nr. 96/2016, grant GEX, 2016-2017 (Website: http://serv1.radio.pub.ro/passiot/index.php/echipa-de-proiect/)		1		**2.000**
3	O. Fratu (director UPB) „Sistem informatic integrat pentru managementul activităților (SIIMA)", Planul Național de Cercetare - Dezvoltare şi Inovare pentru perioada 2015 - 2020 (PNCDI III - Soluții), nr. contract 8SOL/2018, (coordonator ICI, participanți: UNAp. UPB, SC Safetech Innovations SRL, GREENSOFT SRL), 2018-2021 CIM nr 3607C/8 din 02.04.2018		3		**6.000**
4	O. Fratu (director UPB) „Platforma de sisteme inteligente multiagent pentru monitorizarea calității apei pe sectorul romanesc al Dunării și Deltei Dunării (MultiMonD2)", contract numărul 33PCCDI/2018 din cadrul Programului Programul 1 - Dezvoltarea sistemului național de cercetare-dezvoltare, Tip proiect: Proiecte Complexe realizate în consorții CDI (coordonator INFLPR , parteneri: AFA, CCSACBRNE, UPB, RA-IMSAR), 2018-2020 (https://multimond.wixsite.com/multimond) CIM nr 3606C /6din 02.04.2018		2		**4.000**
5	O. Fratu (director UPB), „Platforma Software integrata pentru analiza malware a terminalelor mobile (ToR-SIM)", contract nr. 5SOL/2017, Planul Național de Cercetare - Dezvoltare și Inovare pentru perioada 2015 - 2020 (PNCDI III - Soluții) (coordonator UPB, participanți BEIA, UNAp, SC Safetech Innovations SRL), 2017-2020 CIM nr 1036C din 12.05.2017		3		**6.000**
6	**I. Marcu** (director de proiect), C. Voicu, A.M.C. Drăgulinescu " Modulația ΣΔ în sistemele 5G (ModΣs)", contract nr 43/25.09.2017, grant UPB (2017-2018) Contract de finantare nr 43 din 23.09.2017		1		**2.000**
7	**I. Marcu** (director de proiect), "Optimizarea performanțelor și reducerea complexității de calcul în sistemele de tip multiutilizator de tip CDMA prin utilizarea codurilor LDPC (Low Density Parity Check)", proiect POSDRU 132397, Excelență în cercetare prin burse doctorale și postdoctorale (ExcelDOC). (2014-2015)		1		**2.000**
8	O. Fratu (coord) "Sisteme de detecţie pentru radiaţia cosmică folosind noi tehnologii (DETCOS)", contract nr.1282-104/01.10.2008, proiect de cercetare PNCDI II de tip parteneriat, 2008-2011		3		**6.000**
9	O. Fratu (coord), "Sistem de Acces Wireless Hibrid cu Adresare Unica", SAWHAU, contract nr. 12-126/01.10.2008, proiect de cercetare PNCDI II de tip parteneriat, 2008-2011		3		**6.000**
10	O. Fratu (coord), "Sistem informatic pentru analiza in timp real a factorilor de risc pentru mediu si sanatate publica" (TERRA-RO)", contract nr. 11-054 / 18.09.2007, proiect de cercetare PNCDI II de tip parteneriat (2007-2010)		3		**6.000**
11	S. V. Halunga (director UPB), " SIUM - Sistem integrat pentru utilizatorul mobil", Contract de cercetare de excelență, nr 80/03.10.2005		3		**6.000**
12	O. Fratu (Director de proiect şi coord. UPB), S. Halunga, I. Marghescu, E. Popovici, **I.Marcu**, etc. "Evolutia, modalitatile de implementare si de tranzitie pentru radiodifuziunea digitala DVB in conditiile de utilizare eficienta a spectrului de frecvente", proiect nr. 106/08.08.2011, proiect de cercetare PNCDI II de tip parteneriat "Termeni de referinta", beneficiar MCSI (coordonator UPB, participant ICI) (2011-2013)		3		**6.000**
13	S Halunga (coord, UPB). D Vizireanu, **I Marcu**, "Contributii la dezvoltarea algoritmilor de prelucrare si codare a semnalelor video in sistemele wireless multiutilizator prin optimizarea parametrilor de calitate psihoperceptuala", contract de cercetare UPB-CNCSIS, cod CNCSIS 1695/2009, 2009-2011 (Website: http://www.comm.pub.ro/idei1695/)		3		**6.000**
14	I. Marghescu, O. Fratu, C. Vladeanu, **I. Marcu** ș.a. „Tehnologia Radio Cognitiv şi utilizarea eficientă a spectrului RF", Contract UEFISCSU, PN-II-PCE-Idei, 2007-2011, Website: http://www.comm.pub.ro/radio_cognitiv/echipa_en.htm		3		**6.000**

15	O. Fratu (coord. UPB), S. Halunga, S. Ciochină, I. Marghescu, I. Constantin, **I. Marcu** ş.a. "Aplicatii si servicii noi de navigatie si localizare satelitara bazate pe tehnologia WiMAX - LOCOMAX", contract nr. 81-026/14.09.2007, proiect de cercetare PNCDI II de tip parteneriat (coordonator: Agenţia Spaţială Română, participanţi: UPB, Beia Consult International SRL, UTI, AccessNet) (2007-2010)		3		**6.000**
16	I Marghescu, S Halunga, O Fratu, **I Marcu** „PICABAL – Platformă Integrată de Comunicaţii cu Acces Flexibil, de Bandă Largă II (Integrated Communication Platform with flexible access) research contract, CeeX, Responsabil: Prof. I. Marghescu, 2007-2009 (https://www.yumpu.com/en/document/view/13988249/integrated-platform-for-communications-with-broadband-flexible- sau https://www.telecom.pub.ro/cercetare/3cps/)		2		**4.000**
17	O Fratu (coord UPB), S. Halunga, **I. Marcu** ş.a. , «NEM-RO (Platforma tehnologica integrata, in domeniul networked and electronic media, sustenabila pe termen lung si racordata la platforma tehnologica europeana NEM) în cadrul programului de cercetare de excelenţă (CEEX) al MEdC, Modul III, cod MEC 12433 (2006 – 2008)		2		**4.000**
18	O. Fratu (coord.), S. Halunga, **I. Marcu (Bercă)** ş.a. "Aplicarea tehnologiei software radio în dezvoltarea interfeţelor de comunicaţie digitale mobile de bandă largă şi foarte largă", contract de cercetare tip A UPB – CNCSIS, nr 40528/05.11.2003, tema 29, cod CNCSIS 9 (2003-2005)		2		**4.000**
	Total A2			**26.951**	**689.660**

Nr.crt.	**A3 - Recunoaşterea şi impactul activităţii**				
	A3.1.1 Citări [7] în cărţi, reviste şi volume ale unor manifestări ştiinţifice - cărţi, ISI [8]	Baza de date	Nr. Autori articol citat	[7], [8]	
	I. Marcu, S. Halunga, O. Fratu, D. Vizireanu, „Multiuser systems implementations in fading environments", Applications of MATLAB in Science and Engineering", In-Tech Publisher, ISBN 978-953-307-708-6, September 9, 2011				**Punctaj**
1	Tsai, Jia-Lun; Lo, Nai-Wei; Wu, Tzong-Chen, "A New Password-Based Multi-server Authentication Scheme Robust to Password Guessing Attacks", WIRELESS PERSONAL COMMUNICATIONS Volume: 71 Issue: 3 Pages: 1977-1988 Published: AUG 2013 DOI: 10.1007/s11277-012-0918-6, WOS :000321923400019 URL: https://link.springer.com/article/10.1007/s11277-012-0918-6 (Referința nr 9 în articol)	ISI	4		**2.000**
2	G. Suciu, E.G. Ularu, R. Craciunescu, "Public versus Private Cloud Adoption - a Case Study based on Open Source Cloud Platforms", 20th Telecommunications Forum Location: Belgrade, SERBIA Date: NOV 20-22, 2012, ISBN:978-1-4673-2984-2; 978-1-4673-2983-5 WOS:000316626800122 (Referința nr 18 în articol)	ISI	4		**2.000**
3	R. Craciunescu, S. Halunga, O. Fratu, "Guard Interval Effects on OFDM/BPSK Transmissions over Fading Channels", 20th Telecommunications Forum Location: Belgrade, SERBIA Date: NOV 20-22, 2012 ISBN:978-1-4673-2984-2 WOS:000316626800122 (Referința nr 3 în articol)	ISI	4		**2.000**
4	S. Miclaus, P. Bechet, C. Iftode, "The application of a channel-individualized method for assessing long-term, realistic exposure to radiofrequency radiation emitted by mobile communication base station antennas", MEASUREMENT, Volume: 46, Issue: 3, Pages: 1355-1362, Published: APR 2013, DOI: 10.1016/j.measurement.2012.11.040 WOS: 000315371500038 URL: https://www.sciencedirect.com/science/article/pii/S0263224112004617 (Referința nr 18 în articol)	ISI-Q1	4		**4.000**
5	Li, Jianfeng; Zhang, Xiaofei, "Unitary subspace-based method for angle estimation in bistatic MIMO radar", CIRCUITS SYSTEMS AND SIGNAL PROCESSING, Volume: 33, Issue: 2, Pages: 501-513, Published: FEB 2014 DOI: 10.1007/s00034-013-9653-9 WOS: 000330988500009 URL: https://link.springer.com/article/10.1007%2Fs00034-013-9653-9 (Referința nr 11 în articol)	ISI	4		**2.000**
6	A. Vulpe, O. Fratu, A. Mihovska, R. Prasad, "A Multi-Carrier Scheduling Algorithm for LTE-Advanced", Conference:16th International Symposium on Wireless Personal Multimedia Communications (WPMC) Location: Atlantic City, NJ Date: JUN 24-27, 2013 WOS:000332186700022, ISSN: 1347-6890 (Referința nr 1 în articol)	ISI	4		**2.000**
7	C. Voicu, S. Halunga, "MMSE detector using space-time diversity coding over Rayleigh fading channels", Conference: 10th International Symposium on Electronics and Telecommunications (ISETC), Pages: 209-212, ISBN:978-1-4673-1176-2, Location: Timisoara, ROMANIA Date: NOV 15-16, 2012 WOS:000318702700048 (Referința nr 8 în articol)	ISI	4		**2.000**
8	Hung, Ho-Lung; Cheng, Chia-Hsin, "Fuzzy step size least mean square algorithm tuned linearly constrained constant modulus algorithm for multi-carrier code division multiple access blind multiuser detector", Volume: 27, Issue: 12, Pages: 3640-3656, International Journal of Communication, Wiley Online Library, Dec 2014 DOI: 10.1002/dac.2563 WOS: 000345917800008 URL: https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.2563 (Referința nr 19 în articol)	ISI	4		**2.000**
9	A. Vulpe, S.Halunga, O. Fratu, "QoS-Aware Downlink Scheduling in Multi-Carrier Communication Systems", 4th International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace & Electronic Systems (VITAE), Aalborg, DENMARK, May 11-14, 2014 WOS:000363907300097 (Referința nr 1 în articol)	ISI	4		**2.000**
	C. Oprea, I. Pirnog, **I. Marcu**, M. Udrea, "Robust Pose Estimation Using Time-of Flight Imaging", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.301-304, Sinaia, Romania, Oct. 2019 WOS: 000514295300063				**Punctaj**
1	Zhou, Wenju; Yao, Fulong; Feng, Wei; et al., "Real-Time Height Measurement for Moving Pedestrians", COMPLEXITY Volume: 2020, Article Number: 5708593, Published: AUG 27 2020 WOS: 000570884700003 (Referința nr 19 în articol)	ISI-Q2	4		**4.000**
	Ioana Marcu, Simona V. Halunga, "Implication of LDPC Technique in Non-ideal Multiuser Communication System", Wireless Personal Communications, Volume 87, Issue 3, pp 797–814, April 2016 DOI: 10.1007/s11277-015-2627-4 WOS:000372271400012				**Punctaj**
1	Yildiz, Dogan; Karagol, Serap, "Comparison of communication performance of block coding methods in different channels using DWT", IET COMMUNICATIONS Volume: 14 Issue: 12 Pages: 1997-2006 Published: JUL 28 2020 WOS:000553500700018 (Referința nr 1 în articol)	ISI	2		**4.000**
	A.M. Badescu, S. Halunga, N. Vizireanu, O. Fratu, **I. Marcu**, „A comparison between Performances of QPSK and 16QAM signals for A Underground Multiuser Scenario", Proceedings of The Fifth International Multi-Conference on Computing in the Global Information Technology ICCGI 2010, pag. 268-273, ISBN 978-0-7695-4181-5, September 20-25 2010, Valencia, Spain				**Punctaj**
1	Badescu, A.M., Savu, V., Fratu, O., Halunga, S., Saftoiu, A., Brancus, I., Toma, G., Stanca, D., "A wireless network in an unconventional media", 3rd International Conference on Wireless Communications, Vehicular Technology, Information Theory and Aerospace and Electronic Systems (VITAE) Location: Atlantic City, NJ Date: JUN 24-27, 2013 WOS: 000330140600019 (Referința nr 21 în articol)	ISI	5		**1.600**
2	A.M.Badescu, "Considerations on an underground neutrino radio detector in salt", JOURNAL OF INSTRUMENTATION, Volume: 8, Article Number: P03010, MAR 2013, WOS: 000316990700035 URL: https://iopscience.iop.org/article/10.1088/1748-0221/8/03/P03010/meta (Referința nr 21 în articol)	ISI	5		**1.600**
	S. Halunga, **I. Marcu**, O. Fratu, I Marghescu, "Orthogonality, amplitude and number of users efects on conventional multiuser detection using turbo decoding", INTERNATIONAL IEEE CONFERENCE DEVOTED TO THE 150 ANNIVERSARY OF ALEXANDER S. POPOV (EUROCON 2009), VOLS 1- 4, ISBN: 978-1-4244-3967-6, Sankt Petersburg, Rusia, pp. 2000-2004, 18-23 May 2009, WOS: 000272589500327				**Punctaj**
1	M. Gohar, H. Jung, S.-J. Koh, "Distributed mapping management of identifiers and locators in mobile-oriented Internet environment", INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, Volume: 27, Issue: 1, Pages: 95-115, 2014 WOS: 000329506400007, ISSN: 1074-5351 DOI: 10.1002/dac.2346 URL: https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.2346 (Referința nr 10 în articol)	ISI	4		**2.000**
2	C. Voicu, "A comparison between the performances of CDMA multiuser detectors for binary image transmission", INTERNATIONAL JOURNAL OF ELECTRONICS, Volume: 99, Issue: 3, Pages: 445-453, 2012 DOI: 10.1080/00207217.2011.629224 WOS: 000301933400010 URL: https://www.tandfonline.com/doi/abs/10.1080/00207217.2011.629224 (Referința nr 2 în articol)	ISI	4		**2.000**
	A. Marţian, **I. Marcu**, I. Marghescu, "Spectrum Occupancy in an Urban Environment: A Cognitive Radio Approach", în Proc. 6th Advanced International Conference on Telecommunications, AICT 2010, ISBN 978-1-4244-6748-8, Barcelona, Spania, Mai 2010, pp 25-29. (IEEE Xplore), doi: 10.1109/AICT.2010.90				**Punctaj**

1	Vehicular Technology, vol. 62, no. 5, pp. 2091-2104, Jun 2013, doi: 10.1109/TVT.2013.2238960, WOS:000320562100018 URL: https://ieeexplore.ieee.org/document/6410055 (Referința nr 20 în articol)	ISI-Q1	3		**5.333**
2	M. Lopez-Benitez and F. Casadevall, "Empirical Time-Dimension Model of Spectrum Use Based on a Discrete-Time Markov Chain With Deterministic and Stochastic Duty Cycle Models" in IEEE Transactions on Vehicular Technology, vol. 60, no. 6, pp. 2519-2533, July 2011, doi: 10.1109/TVT.2011.2157372, WOS:000293684600009 URL: https://ieeexplore.ieee.org/document/5772032 (Referința nr 11 în articol)	ISI-Q1	3		**5.333**
3	M. López-Benítez and F. Casadevall, "Discrete-time spectrum occupancy model based on Markov Chain and duty cycle models," New Frontiers in Dynamic Spectrum Access Networks (DySPAN), 2011 IEEE Symposium on, Aachen, 2011, pp. 90-99, doi: 10.1109/DYSPAN.2011.5936273, WOS:000360301900010 (Referința nr 14 în articol)	ISI	3		**2.667**
4	J. Naganawa, H. Kim, S. Saruwatari, H. Onaga and H. Morikawa, "Distributed spectrum sensing utilizing heterogeneous wireless devices and measurement equipment," IEEE International Symposium on New Frontiers in Dynamic Spectrum Access Networks (IEEE DySPAN), Aachen, 2011, pp. 173-184, doi: 10.1109/DYSPAN.2011.5936204, WOS:360301900019 (Referința nr 11 în articol)	ISI	3		**2.667**
5	M. Lopez and F. Casadevall, "Spectrum usage in cognitive radio networks: from field measurements to empirical models", IEICE transactions on communications, Febrer 2014, vol. E97-B, núm. 2, p. 242-250. WOS:331343500002 URL: https://www.jstage.jst.go.jp/article/transcom/E97.B/2/E97.B_242/_article (Referința nr 12 în articol)	ISI	3		**2.667**
6	M López-Benítez, F Casadevall, "Space-dimension models of spectrum usage for cognitive radio networks", IEEE Transactions on Vehicular Technology (Volume: 66, Issue: 1, January 2017), WOS:000394178000025	ISI-Q1	3		**5.333**
7	S. P. Eswaran and J. Bapat, "Opportunistic spectrum usage scheduling: Time series approach," Communications (MICC), 2013 IEEE Malaysia International Conference on, Kuala Lumpur, 2013, pp. 172-177 doi: 10.1109/MICC.2013.6805820, WOS:351846000032 (Referința nr 15 în articol)	ISI	3		**2.667**
8	T. M. C. Chu, H. Phan and H. J. Zepernick, "Hybrid Interweave-Underlay Spectrum Access for Cognitive Cooperative Radio Networks", in IEEE Transactions on Communications, vol. 62, no. 7, pp. 2183-2197, July 2014 doi: 10.1109/TCOMM.2014.2325041, WOS: 000341571000004 URL: https://ieeexplore.ieee.org/document/6817604 (Referința nr 32 în articol)	ISI-Q1	3		**5.333**
9	T. M. C. Chu, H. J. Zepernick and H. Phan, "Performance evaluation of cognitive multi-relay networks with multi-receiver scheduling," 2014 IEEE 25th Annual International Symposium on Personal, Indoor, and Mobile Radio Communication (PIMRC), Washington DC, 2014, pp. 664-669, doi: 10.1109/PIMRC.2014.7136248, WOS: 000392729300128 (Referința nr 1 în articol)	ISI	3		**2.667**
10	Abdallah, A., MacKenzie, A.B., Marojevic, V., Bacchus, R., Riaz, A., Roberson, D., Kalliovaara, J., Juhani, H., Ekman, R., "Detecting the impact of human mega-events on spectrum usage" 2016 13th IEEE Annual Consumer Communications & Networking Conference (CCNC), Las Vegas, NV, 2016, pp. 523-529. doi: 10.1109/CCNC.2016.7444835, WOS: 000382042200114 (Referința nr 5 în articol)	ISI	3		**2.667**
11	A. Marțian, "Evaluation of Spectrum Occupancy in Urban and Rural Environments of Romania", în Revue Roumaine des Sciences Techniques - Serie Electrotechnique et Energetique, year 2014, issue 1, pp 87-96 WOS:000333440000009, ISSN: 0035-4066 URL: http://revue.elth.pub.ro/viewpdf.php?id=438 (Referința nr 12 în articol)	ISI	3		**2.667**
12	A. Marțian, L. Petrică, O. Radu, "Cognitive radio testing framework based on USRP", in Proc. 21st Telecommunications Forum (TELFOR) 2013, ISBN 978-1-4799-1419-7, INSPEC 14044037, Belgrade, Serbia, November 2013, pp.212-215 WOS:000349857500052, ISBN:978-1-4799-1420-3 (Referința nr 3 în articol)	ISI	3		**2.667**
13	Singh, Ajit; Naik, K. Krishna; Kumar, C. R. Suthikshn, "TV white spaces exploration for cognitive radio : taxonomy and research issues " in TELECOMMUNICATION SYSTEMS Volume: 75 Issue: 1 Pages: 109-139 Published: SEP 2020, WOS: 000541018800001 URL: https://link.springer.com/article/10.1007/s11235-020-00678-6 (Referința nr 52 în articol)	ISI	3		**2.667**
14	Kulakayeva Aigul; Aitmagambetov Altay;Daineko Yevgeniya; Medetov Bekbolat; Ongenbayeva Zhadyra, "Improvement of Signal Reception Reliability at Satellite Spectrum Monitoring System", IEEE Access (Early Access), DOI: 10.1109/ACCESS.2022.3206953 WOS: 000862349000001 (Referința nr 9 în articol)	ISI-Q2	3		**5.333**
	A.-E. Marcu, G. Suciu, E. Olteanu, D. Miu, A. Drosu, **I. Marcu**, "IoT System for Forest Monitoring", 42nd International Conference on Telecommunications and Signal Processing (TSP), ISBN: 978-1-7281-1864-2, pp. 629-632, Budapest, Hungary, WOS: 000493442800138, July 2019				**Punctaj**
1	Singh, R; Gehlot, A; Akram, SV; Thakur, AK; Buddhi, D; Das, PK; "Forest 4.0: Digitalization of forest using the Internet of Things (IoT)",JOURNAL OF KING SAUD UNIVERSITY-COMPUTER AND INFORMATION SCIENCES, Volume 34, Issue 8, Page 5587-5601, Part B, Sept. 2022 WOS:000858851700001 (Referința nr 41 în articol)	ISI-Q1	6		**2.667**
2	A-N Nguyen, V.N. Vo, C. So-In, D-B. Ha, "System Performance Analysis for an Energy Harvesting IoT System Using a DF/AF UAV-Enabled Relay with Downlink NOMA under Nakagami-m Fading", SENSORS, Volume: 21, Issue: 1, Article Number: 285, Jan. 2021 WOS:000606049700001 (Referința nr 7 în articol)	ISI-Q1	6		**2.667**
3	Avazov, K; Mukhiddinov, M; (...); Cho, YI, "Fire Detection Method in Smart City Environments Using a Deep-Learning-Based Approach", ELECTRONICS, Volume 11, Issue 1, Article Number 73, DOI: 10.3390/electronics11010073, Published JAN 2022 WOS:000752275700001 (Referința nr 45 în articol)	ISI	6		**1.333**
4	Quy, VK et al, "IoT-Enabled Smart Agriculture: Architecture, Applications, and Challenges", APPLIED-SCIENCES BASEL, Volume 12, Issue 7, Article Number 3396, DOI: 10.3390/app12073396, Published APR 2022 WOS:000781715500001 (Referința nr 88 în articol)	ISI-Q2	6		**2.667**
5	Tomelleri, E; Marchesini, LB; Yaroslavtsev, A; Asgharinia, S ; Valentini, R., "Toward a Unified TreeTalker Data Curation Process", FORESTS, Volume 13, Issue 6, Article Number 855, DOI: 10.3390/f13060855, Published JUN 2022 WOS:000816100900001 (Referința nr 21 în articol)	ISI-Q1	6		**2.667**
	A.M. Bădescu, O. Fratu, A. Frujină, S. Halunga, **I. Marcu**, „Wireless sensor network for wildlife monitoring", Environmental Engineering and Management Journal, Vol. 10, Issue: 11, ISSN:1582-9596, pp. 1625-1634, noiembrie 2011, WOS:000298662900003				**Punctaj**
1	A. Baciu, A. Remes, E. Ilinoiu, F. Manea, S.J. Picken, J. Schoonman, "Carbon nanotubes composite for environmentally friendly sensing", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 11, Issue: 2, Pages: 239-246, 2012 WOS:000303276000001 ISSN: 1582-9596 URL: http://www.eemj.icpm.tuiasi.ro/issues/vol11/vol11no2.htm (Referința nr 4 în articol)	ISI	5		**1.600**
2	D. Lutic, I. Cretescu, "Detection of soot particles using a resistive transducer based on thermophoresis", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 13, Issue: 9, Pages: 2253-2259, Published: SEP 2014 WOS:000347161400017 ISSN: 1582-9596 URL: http://www.eemj.icpm.tuiasi.ro/issues/vol13/vol13no9.htm (Referința nr 3 în articol)	ISI	5		**1.600**
3	C. Damian, D. Petrisor, C. Fosalau, C. Zet, "Landslide Surveillance unsing a Wireless Measurement Grid", ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 17, Issue: 1, Pages: 209-216, Published: JAN 2018 WOS:000426072600022 ISSN: 1582-9596 URL: http://www.eemj.icpm.tuiasi.ro/issues/vol17/vol17no1.htm (Referința nr 5 în articol)	ISI	5		**1.600**
4	A.-M. Badescu, L. Cotofana,"A wireless sensor network to monitor and protect tigers in the wild", ECOLOGICAL INDICATORS, Volume: 57, Pages: 447-451, Published: OCT 2015 WOS:000358091800049 URL: https://www.sciencedirect.com/science/article/pii/S1470160X15002447 (Referința nr 2 în articol)	ISI-Q1	5		**3.200**
	A. Marțian, C. Vladeanu, **I. Marcu**, I. Marghescu, "Evaluation of Spectrum Occupancy in an Urban Environment in a Cognitive Radio Context", International Journal on Advances in Telecommunications, IARIA, vol. 3, nr. 3&4, pag. 172-181, Dec. 2010.				**Punctaj**
1	G.M. Kagarura, D.K. Okello, R.N. Akol, "Evaluation of Spectrum Occupancy: A Case for Cognitive Radio in Uganda", IEEE Ninth International Conference onMobile Ad-hoc and Sensor Networks (MSN), 2013, pp.167-174, Dalian, 11-13 Dec. 2013, INSPEC Accession Number: 14064212, WOS: 000346362100026 (Referința nr 9 în articol)	ISI	4		**2.000**
2	F. Paisana, N. Marchetti, L. DaSilva, "Radar, TV and Cellular Bands: Which Spectrum Access Techniques for Which Bands?", IEEE Communications Surveys & Tutorials, vol.PP, no.99, pp.1-28, ISSN: 1553-877X, WOS: 000343072200003, DOI: 10.1109/SURV.2014.031914.00078. 2014 URL: https://ieeexplore.ieee.org/document/6803099 (Referința nr 15 în articol)	ISI-Q1	4		**4.000**
3	F. Paisana, J. P. Miranda, N. Marchetti, L. DaSilva, "Database-aided sensing for radar bands", IEEE International Symposium on Dynamic Spectrum Access Networks (DYSPAN), 2014, pp.1-6, McLean, VA, USA, 1-4 April 2014, WOS: 000341654800001 (Referința nr 4 în articol)	ISI	4		**2.000**
4	Babalola, O.D., Garba, E., Oladimeji, I.T., Bamiduro, A.S., Faruk, N., Sowande, O.A, Bello, O.W., Ayeni, A.A., Muhammad, M.Y., "Spectrum occupancy measurements in the TV and CDMA bands" 2015 International Conference on Cyberspace (CYBER-Abuja), Abuja, 2015, pp. 192-196, doi: 10.1109/CYBER-Abuja.2015.7360504, WOS: 000380528300009	ISI	4		**2.000**

5	S. B. Mule, G. C. Manna and N. Nathani, "Assessment of spectral efficiency about 900 MHz using GSM and CDMA technologies for mobile cognitive radio," 2015 International Conference on Pervasive Computing (ICPC), Pune, 2015, pp. 1-5. doi: 10.1109/PERVASIVE.2015.7087043, WOS:000380407300082 (Referința nr 11 în articol)	ISI	4		**2.000**
6	A. O. Abdul Salam, R. E. Sheriff, S. R. Al-Araji, K. Mezher and Q. Nasir, "An overview on non-parametric spectrum sensing in cognitive radio," 2014 9th International Conference on Computer Engineering & Systems (ICCES), Cairo, 2014, pp. 14-19. doi: 10.1109/ICCES.2014.7030919, WOS:000380480700003 (Referința nr 3 în articol)	ISI	4		**2.000**
7	A. O. A. Salam, R. E. Sheriff, S. R. Al-Araji, K. Mezher and Q. Nasir, "Multi-taper and MIMO techniques for spectrum sensing in cognitive radio," 2015 IEEE International Conference on Electronics, Circuits and Systems (ICECS), Cairo, 2015, pp. 173-178. doi: 10.1109/ICECS.2015.7440277, WOS:000380571000043 (Referința nr 1 în articol)	ISI	4		**2.000**
8	László Csurgai-Horváth, István Rieger, and József Kertész, "A Survey of the DVB-T Spectrum: Opportunities for Cognitive Mobile Users" Mobile Information Systems, vol. 2016, Article ID 3234618, 11 pages, 2016. doi:10.1155/2016/3234618, WOS:000382065600001 URL: https://www.hindawi.com/journals/misy/2016/3234618/ (Referința nr 25 în	ISI	4		**2.000**
9	Nasir Faruk, Olayiwola Wasiu Bello, O.A. Sowande, S.O. Onidare, M.Y. Muhammad, A.A. Ayeni, "Large scale spectrum survey in rural and urban environments within the 50 MHz–6 GHz bands", Measurement, Volume 91, September 2016, Pages 228-238, ISSN 0263-2241, https://doi.org/10.1016/j.measurement.2016.05.046, WOS:000379507400028 URL: https://www.sciencedirect.com/science/article/pii/S0263224116302020 (Referința nr 20 în articol)	ISI-Q1	4		**4.000**
10	Kumar B, Kumar Dhurandher S, Woungang I., "A survey of overlay and underlay paradigms in cognitive radio networks", Int J Commun Syst. 2018;31:e3443. https://doi.org/10.1002/dac.3443, WOS:000418706000005 URL: https://onlinelibrary.wiley.com/doi/full/10.1002/dac.3443 (Referința nr 5 în articol)	ISI	4		**2.000**
11	Heggo M, Zhu X, Sumei S, Huang Y., "White broadband power line communication: Exploiting the TVWS for indoor multimedia smart grid applications", Int J Commun Syst. 2017;30:e3330. https://doi.org/10.1002/dac.3330, WOS:000412887800018 URL: https://onlinelibrary.wiley.com/doi/pdf/10.1002/dac.3330 (Referința nr 4 în articol)	ISI	4		**2.000**
12	A. Marțian, "Real-time Spectrum Sensor based on USRP", in Proc. 10th International Conference on Communications COMM2014, Bucharest, Romania, May 2014, pp 429-432. WOS:000345844600072, ISBN:978-1-4799-2385-4 (Referința nr 17 în articol)	ISI	4		**2.000**
13	A. Marțian, "Real-time spectrum sensing using software defined radio platforms", in Telecommunication Systems, Volume 64, Issue 4, pp 749–761, Springer, April 2017. ISSN: 1018-4864, Impact factor 1.527(Q3), DOI: 10.1007/s11235-016-0205-z), WOS:000395622000014 URL: https://link.springer.com/article/10.1007/s11235-016-0205-z (Referința nr 26 în articol)	ISI	4		**2.000**
14	Padaki, Aditya, V; Tandon, Ravi; Reed, Jeffrey H., "On Adjacent Channel Co-Existence With Receiver Nonlinearity", IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS Volume: 17 Issue: 7 Pages: 4922-4936 Published: JUL 2018 WOS:000438727700050 URL: https://ieeexplore.ieee.org/document/8359420 (Referința nr 7 în articol)	ISI-Q1	4		**4.000**
15	A. O Abdul Salam, S. R. Al-Araji, Q. Nasir, K. Mezher, R E. Sheriff, "A general perspective on software-hardware defined cognitive radio based on emergency ad-hoc network topology", IEEE Canada International Humanitarian Technology Conference - (IHTC), 2014 Electronic ISBN: 978-1-4799-3996-1, DOI: 10.1109/IHTC.2014.7147521 WOS:000410580400010 (Referința nr 24 în articol)	ISI	4		**2.000**
16	Faruk, N., Bello, O.W., Sowande, O.A., Onidare, S.O., Muhammad, M.Y., Ayeni, A.A., "Large scale spectrum survey in rural and urban environments within the 50 MHz-6 GHz bands", MEASUREMENT, Volume: 91, Pages: 228-238, Published: SEP 2016, WOS:000379507400028 URL:https://www.sciencedirect.com/science/article/pii/S0263224116302020 (Referința nr 20 în articol)	ISI-Q2	4		**4.000**
17	Padaki, Aditya, V; Tandon, Ravi; Reed, Jeffrey H., "Efficient Spectrum Access and Co-Existence With Receiver Nonlinearity: Frameworks and Algorithms", IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS Volume: 17 Issue: 10 Pages: 6404-6418 Published: OCT 2018 WOS:000447047200003 URL: https://ieeexplore.ieee.org/document/8424241 (Referința nr 7 în articol)	ISI-Q1	4		**4.000**
18	Xu Wang ; Sabit Ekin ; Erchin Serpedin, "Joint Spectrum Sensing and Resource Allocation in Multi-Band-Multi-User Cognitive Radio Networks", IEEE Transactions on Communications (Volume: 66 , Issue: 8 , Aug. 2018) DOI: 10.1109/TCOMM.2018.2807432 WOS: 000442309400005 URL: https://ieeexplore.ieee.org/document/8294277 (Referința nr 25 în articol)	ISI-Q1	4		**4.000**
19	Nabil, A., Padaki, A.V., Abdel-Rahman, M.J., Mohammad J., ElNainay, M., MacKenzie, A.B., Reed, J.H., "On Optimal Resource Allocation in Multi-RAT Wireless Networks With Receiver Characteristic Awareness", IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING,Volume: 5, Issue: 1, Pages: 103-118, Published: MAR 2019 WOS: 000460672300010 URL: https://ieeexplore.ieee.org/document/8509192 (Referința nr 6 în articol)	ISI-Q1	4		**4.000**
20	Chantaveerod, A; Woradit, K and Pochaiya, C, "Spectrum Occupancy Model Based on Empirical Data for FM Radio Broadcasting in Suburban Environments", Sensors 2021, 21(12), 4015; https://doi.org/10.3390/s21124015 WOS:000666759800001 (Referința nr 6 în articol)	ISI-Q2	4		**4.000**
21	N. Nathani, G. C. Manna, and S. B. Mule, " An Empirical Assessment of Quasi-Permanently Vacant Channels in Mobile Communication Bands for Cognitive Radio", The 15th International Conference on Advanced Communications Technology (ICACT 2013), Phoenix Park, PyeongChang, Korea, 17 - 30 Jan, 2013, ISSN: 1738-9445, paper 558, WOS: 000353635000100 (Referința nr 7 în articol)	ISI	4		**2.000**
	E. Zainea, A. Marțian, **I. Marcu**, O. Fratu,"Transition from Analog to Digital Broadcasting: A spectral efficiency review", în Proc. 10th International Symposium on Electronics and Telecommunications (ISETC12), Timisoara, November 2012, pp. 171-175, ISBN: 978-1-4673-1175-5, (ISI Web of Knowledge, IEEE Xplore)				**Punctaj**
1	S. Gupta, M. Tiwari, A. Deep, A. Gupta, H. Garg, A. K. Yadav, "Transition from analog to digital television", 2015 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), Electronic ISBN: 978-1-4799-6085-9, 2015 DOI: 10.1109/ICECCT.2015.7226180 WOS: 000380484500251 (Referința nr 19 în articol)	ISI	4		**2.000**
2	G. Suciu, A. Vulpe, S. Halunga, O. Fratu, G. Todoran and V. Suciu, "Smart Cities Built on Resilient Cloud Computing and Secure Internet of Things," 2013 19th International Conference on Control Systems and Computer Science, Bucharest, 2013, pp. 513-518 DOI: 10.1109/CSCS.2013.58, WOS:000328493800077 (Referința nr 24 în articol)	ISI	4		**2.000**
	C. M. Balaceanu, **I. Marcu**, G. Suciu, "Telemetry System for Smart Agriculture", International Conference on Business Information Systems (BIS 2019: Business Information Systems Workshops), Part of the Lecture Notes in Business Information Processing book series (LNBIP, volume 373), ISBN 978-3-030-36690-2, pp 573-584, June 2019, Sevilla, Spain WOS: 000611408800048				**Punctaj**
1	V.M. Ngo, M-T. Kechadi, "Electronic farming records - A framework for normalising agronomic knowledge discovery", COMPUTERS AND ELECTRONICS IN AGRICULTURE, Volume: 184, Article Number: 106074, May 2021 WOS: 000641336500003 (Referința nr 1 în articol)	ISI-Q1	3		**5.333**
2	Hafeez, M and Awan, UK, "Viewpoint: Irrigation water management in a space age", IRRIGATION AND DRAINAGE, ISSN:1531-0353, DOI10.1002/ird.2705, 2022 WOS:000780482900001 (Referința nr 5 în articol)	ISI	3		**2.667**
3	El Mane, A ; Chihab, Y; Tatane, K ; Korchiyne, R; "Agriculture Supply Chain Management Based on Blockchain Architecture and Smart Contracts", APPLIED COMPUTATIONAL INTELLIGENCE AND SOFT COMPUTING, Volume 2022, Article Number 8011525, Oct 2022 WOS: 000877849400001 (Referința nr 15 în articol)	ISI	3		**2.667**
	S. V. Halunga, O. Fratu, **I. M. Marcu**, A. Badescu, E. C. Popovici, D. N. Vizireanu, "Performance Evaluation of Conventional and MMSE Multiuser Detection Algorithms with Different Spreading Signature Codes", Proceeding of International Conference on Computer As A Tool, EUROCON2011, Lisbon, Portugal, 27-29 Apr, 2011, pp. 1-4, ISBN: 978-1-4244-7486-8, IEEE Xplore Digital Library, INSPEC, INSPEC Accession Number: 12075610, DOI: 10.1109/EUROCON.2011.5929373				**Punctaj**
1	R. Craciunescu, S. Halunga, O. Fratu, " Guard Interval Effects on OFDM/BPSK Transmissions over Fading Channels ", 20th Telecommunications Forum, Pages: 471-474, Serbia, Published: 2012 WOS:000316626800116 (Referința nr 6 în articol)	ISI	6		**1.333**
2	A. Vulpe,O. Fratu, R. Crăciunescu, "Performance evaluation of heterogeneous interworking using IEEE 802.21", 20th Telecommunications Forum (TELFOR), Page s: 498 - 501, Electronic ISBN: 978-1-4673-2984-2, 2012 DOI: 10.1109/TELFOR.2012.6419256 WOS: 000316626800123 (Referința nr 3 în articol)	ISI	6		**1.333**
3	M. Sangeetha, V. Bhaskar, "Performance Analysis of Subspace Based Downlink Channel Estimation for W-CDMA Systems Using Chaotic Codes", Wireless Personal Communications, July 2013, Volume 71, Issue 1, pp 1–21 DOI https://doi.org/10.1007/s11277-012-0793-1 WOS: 000320466800001 (Referința nr 26 în articol)	ISI	6		**1.333**
	G. Suciu, V. Suciu, A. Marțian, R. Crăciunescu, A. Vulpe, **I. Marcu**, S. Halunga, O. Fratu, "Big Data, Internet of Things and Cloud Convergence - An Architecture for Secure E-Health Applications", în Journal of Medical Systems, vol. 39, no. 11, pp. 1-8, Springer, September 2015. (ISI Thompson WOS:000363557500011, Impact factor 2.213, ISSN: 1573-689X, DOI: 10.1007/s10916-015-0327-y)				**Punctaj**

1	G. Suciu, R. A. Dobre, C. Butca, V. Suciu, I. Mihaila and R. Cheveresan, "Search based applications for speech processing," 2016 8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, 2016, pp. 1-6. doi: 10.1109/ECAI.2016.7861101, WOS:000402541200037 (Referința nr 16 în articol)	ISI	8		**1.000**
2	Aileni, R.M., Suciu, G., Suciu, V., Pasca, S. and Strungaru, R., 2019. "Health Monitoring Using Wearable Technologies and Cognitive Radio for IoT". In Cognitive Radio, Mobile Communications and Wireless Networks (pp. 143-165). Springer, Cham., WOS:000456340100006 (Referința nr 9 în articol)	Carte	8		**1.000**
3	R. Craciunescu, A. Mihovska, M. Mihaylov, S. Kyriazakos, R. Prasad and S. Halunga, "Implementation of Fog Computing for Reliable EHealth Applications" 2015 49th Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, 2015, pp. 459-463. doi: 10.1109/ACSSC.2015.7421170, WOS:000380471900084 (Referința nr 1 în articol)	ISI	8		**1.000**
4	J. Tasic, M. Gusev and S. Ristov, "A medical cloud" 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), Opatija, 2016, pp. 400-405. doi: 10.1109/MIPRO.2016.7522176, WOS:000391360600064 (Referința nr 17 în articol)	ISI	8		**1.000**
5	A. Cuzzocrea, "A Reference Architecture for Supporting Secure Big Data Analytics over Cloud-Enabled Relational Databases" 2016 IEEE 40th Annual Computer Software and Applications Conference (COMPSAC), Atlanta, GA, 2016, pp. 356-358. doi: 10.1109/COMPSAC.2016.224, WOS:000389532200054 (Referința nr 29 în articol)	ISI	8		**1.000**
6	Matevz Pustisek, "A system for multi-domain contextualization of personal health data", in Journal of Medical Systems 41 (2017), no. 1, 16., doi:10.1007/s10916-016-0663-6, WOS:000391930300001, https://link.springer.com/article/10.1007/s10916-016-0663-6 (Referința nr 11 în articol)	ISI-Q2	8		**2.000**
7	Abdur Rahim Mohammad Forkan, Ibrahim Khalil, and Mohammed Atiquzzaman, "ViSiBiD: A learning model for early discovery and real-time prediction of severe clinical events using vital signs as big data", Computer Networks 113 (2017), 244 – 257. https://doi.org/10.1016/j.comnet.2016.12.019, WOS: 000393930200018, https://www.sciencedirect.com/science/article/pii/S1389128616304431 (Referința nr 39 în articol)	ISI-Q1	8		**2.000**
8	A. Martın del Rey, J. D. Hernandez Guillen, and G. Rodriguez Sanchez, "Modeling malware propagation in wireless sensor networks with individual-based models", LECTURE NOTES IN ARTIFICIAL INTELLIGENCE, pp. 194–203, Springer International Publishing, Cham, 2016, DOI: 10.1007/978-3-319-44636-3_18 WOS:000387750600018 (Referința nr 12 în articol)	ISI	8		**1.000**
9	O. Osanaiye, S. Chen, Z. Yan, R. Lu, K. K. R. Choo and M. Dlodlo, "From Cloud to Fog Computing: A Review and a Conceptual Live VM Migration Framework," in IEEE Access, vol. 5, no. , pp. 8284-8300, 2017, doi: 10.1109/ACCESS.2017.2692960, WOS:000403140800127, https://ieeexplore.ieee.org/document/7896564 (Referința nr 26 în articol)	ISI-Q1	8		**2.000**
10	E. El Rachkidi, N. Agoulmine, D. Belaid and N. Chendeb, "Towards an Efficient Service Provisioning in Cloud of Things (CoT)," 2016 IEEE Global Communications Conference (GLOBECOM), Washington, DC, 2016, pp. 1-6. doi: 10.1109/GLOCOM.2016.7842340, WOS:000401963305045 (Referința nr 1 în articol)	ISI	8		**1.000**
11	Stergiou, C., and Psannis, K. E. (2017), "Recent advances delivered by Mobile Cloud Computing and Internet of Things for Big Data applications: a survey", INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, 27: e1930. doi: 10.1002/nem.1930 WOS:000401010000002 (Referința nr 22 în articol)	ISI	8		**1.000**
12	Mackenzie Adams, "Big Data and Individual Privacy in the Age of the Internet of Things", TECHNOLOGY INNOVATION MANAGEMENT REVIEW, 7 (2017), no. 4, 12–24. WOS:000402308900002 (Referința nr 44 în articol)	ISI	8		**1.000**
13	Dincer, C. and Zeydan, E., 2017, June. Big data security: Requirements, challenges and preservation of private data inside mobile operators. In Black Sea Conference on Communications and Networking (BlackSeaCom), 2017 IEEE International (pp. 1-6). IEEE, WOS:000427892400055 (Referința nr 5 în articol)	ISI	8		**1.000**
14	Bahar Farahani, Farshad Firouzi, Victor Chang, Mustafa Badaroglu, Nicholas Constant, Kunal Mankodiya, "Towards fog-driven IoT eHealth: Promises and challenges of IoT in medicine and healthcare", Future Generation Computer Systems,Volume 78, Part 2, 2018, Pages 659-676, ISSN 0167-739X, https://doi.org/10.1016/j.future.2017.04.036, WOS:000413060400015, https://www.sciencedirect.com/science/article/pii/S0167739X17307677 (Referința nr 130 în articol)	ISI-Q1	8		**2.000**
15	Ying Zuo, Fei Tao & A Y C Nee (2018), "An Internet of things and cloud-based approach for energy consumption evaluation and analysis for a product", International Journal of Computer Integrated Manufacturing, 31:4-5, 337-348, DOI: 10.1080/0951192X.2017.1285429, WOS:000423758600002, https://www.tandfonline.com/doi/abs/10.1080/0951192X.2017.1285429?journalCode=tcim20 (Referința nr 43 în articol)	ISI-Q2	8		**2.000**
16	A. Celesti, M. Fazio, A. Romano, A. Bramanti, P. Bramanti and M. Villari, "An OAIS-Based Hospital Information System on the Cloud: Analysis of a NoSQL Column-Oriented Approach," in IEEE Journal of Biomedical and Health Informatics, vol. 22, no. 3, pp. 912-918, May 2018, doi: 10.1109/JBHI.2017.2681126, WOS:000431374500030, https://ieeexplore.ieee.org/abstract/document/7875499 (Referința nr 22 în articol)	ISI-Q1	8		**2.000**
17	Parrend, P., Mazzucotelli, T., Colin, F. , Collet P., Mandel JL., "Cerberus, an Access Control Scheme for Enforcing Least Privilege in Patient Cohort Study Platforms A Comprehensive Access Control Scheme Applied to the GENIDA Project - Study of Genetic Forms of Intellectual Disabilities and Autism Spectrum Disorders", in J Med Syst (2018) 42: 1. https://doi.org/10.1007/s10916-017-0844-y, WOS:000422690300001, https://link.springer.com/article/10.1007%2Fs10916-017-0844-y (Referința nr 44 în articol)	ISI-Q2	8		**2.000**
18	1389-1286, https://doi.org/10.1016/j.comnet.2018.04.001, WOS:000435055800002, https://www.sciencedirect.com/science/article/pii/S1389128618301579 (Referința nr 36 în articol)	ISI-Q1	8		**2.000**
19	Naderan-Tahan, M. and Sarbazi-Azad, H., 2018. "Domino Cache: An Energy-Efficient Data Cache for Modern Applications", ACM Transactions on Design Automation of Electronic Systems (TODAES), 23(3), p.31, WOS:000433485200005 (Referința nr 36 în articol)	ISI	8		**1.000**
20	Ahmed, E., Yaqoob, I., Hashem, I.A.T., Khan, I., Ahmed, A.I.A., Imran, M. and Vasilakos, A.V., 2017. The role of big data analytics in Internet of Things. Computer Networks, 129, pp.459-471, WOS:000418627700013, https://www.sciencedirect.com/science/article/pii/S1389128617302591 (Referința nr 46 în articol)	ISI-Q1	8		**2.000**
21	Castro, D., Coral, W., Rodriguez, C., Cabra, J. and Colorado, J., 2017. "Wearable-Based Human Activity Recognition Using an IoT Approach". Journal of Sensor and Actuator Networks, 6(4), p.28, WOS:000419224700007. (Referința nr 25 în articol)	ISI-Q2	8		**2.000**
22	Zhao, M., Kumar, A., Ristaniemi, T. and Chong, P.H.J., 2017. Machine-to-Machine Communication and Research Challenges: A Survey, in Wireless Personal Communications, 97(3), pp.3569-3585, WOS:000415955800015 (Referința nr 5 în articol)	ISI	8		**1.000**
23	Sliwa, J., 2017, February. Patient-centric Handling of Diverse Signals in the mHealth Environment. In HEALTHINF (pp. 561-568), WOS:000413253100069. (Referința nr 24 în articol)	ISI	8		**1.000**
24	Alansari, Z., Anuar, N.B., Kamsin, A., Soomro, S. and Belgaum, M.R., 2017, November. Computational intelligence tools and databases in bioinformatics. In Engineering Technologies and Applied Sciences (ICETAS), 2017 4th IEEE International Conference on (pp. 1-6). IEEE, WOS:000426983900043. (Referința nr 24 în articol)	ISI	8		**1.000**
25	Hammer, M.J., 2017, May. Research Ethics in Big Data. In Oncology nursing forum (Vol. 44, No. 3, p. 293), WOS:000426406300005, https://onf.ons.org/onf/44/3/research-ethics-big-data (Referința nr 14 în articol)	ISI-Q1	8		**2.000**
26	Qinghe Du, Weidong Zhao, Weimin Li, Xuelin Zhang, Bo Sun, Houbing Song, Pinyi Ren, Li Sun, and Yichen Wang, Massive access control aided by knowledge-extraction for co-existing periodic and random services over wireless clinical networks, in Journal of Medical Systems 40 (July 2016), no. 7, 171., DOI: 10.1007/s10916-016-0506-5, WOS:000378895600002, https://link.springer.com/article/10.1007%2Fs10916-016-0506-5 (Referința nr 21 în articol)	ISI-Q2	8		**2.000**
27	Pashazadeh, A. and Navimipour, N.J., 2018. Big data handling mechanisms in the healthcare applications: A comprehensive and systematic literature review. Journal of biomedical informatics. PubMed ID: 29655946, ISSN: 1532-0464, eISSN: 1532-0480, WOS:000445054600005 https://www.sciencedirect.com/science/article/pii/S153204641830056X (Referința nr 62 în articol)	ISI-Q2	8		**2.000**
28	Vaquero, L.M., Cuadrado, F., Elkhatib, Y., Bernal-Bernabe, J., Srirama, S.N. and Zhani, M.F., 2019. Research challenges in nextgen service orchestration. Future Generation Computer Systems, 90, pp.20-38. Accession Number: WOS:000446283600002, ISSN: 0167-739X, eISSN: 1872-7115, https://www.sciencedirect.com/science/article/pii/S0167739X18303157 (Referința nr 153 în articol)	ISI-Q1	8		**2.000**
29	Plaza, A.M., Díaz, J. and Pérez, J., 2018. "Software architectures for health care cyber-physical systems: A systematic literature review". Journal of Software: Evolution and Process, p.e1930, Wiley, DOI: 10.1002/smr.1930 Accession Number: WOS:000439809500004, ISSN: 2047-7473, eISSN: 2047-7481 (Referința nr 31 în articol)	ISI	8		**1.000**

30	Kumari, A., Tanwar, S., Tyagi, S., Kumar, N., Maasberg, M. and Choo, K.K.R., 2018. "Multimedia big data computing and Internet of Things applications: A taxonomy and process model". Journal of Network and Computer Applications, Accession Number: WOS:000453494900013, ISSN: 1084-8045, https://www.sciencedirect.com/science/article/pii/S1084804518303011 (Referința nr 23 în articol)	ISI-Q1	8		**2.000**
31	Yi, H. and Nie, Z., 2018. On the security of MQ cryptographic systems for constructing secure Internet of medical things. Personal and Ubiquitous Computing, pp.1-7.Accession Number: WOS:000452549100019, ISSN: 1617-4909, eISSN: 1617-4917, https://link.springer.com/article/10.1007/s00779-018-1149-y (Referința nr 10 în articol)	ISI-Q2	8		**2.000**
32	Zainab Alansari, Nor Badrul Anuar, Amirrudin Kamsin, Safeeullah Soomro, Mohammad Riyaz Belgaum, Mahdi H. Miraz, Jawdat Alshaer, "Challenges of Internet of Things and Big Data Integration", 1st International Conference on Emerging Technologies in Computing (ICETIC) Location: London Metropolitan Univ, London, ENGLAND Date: AUG 23-24, 2018 WOS:000454677900004 (Referința nr 18 în articol)	ISI	8		**1.000**
33	Saxena, D. and Raychoudhury, V., 2019. Design and verification of an NDN-based safety-critical application: A case study with smart healthcare. IEEE transactions on systems, man, and cybernetics: systems, (vol 49 issue 5), pp.991-1005. WOS:000464933200010, https://ieeexplore.ieee.org/document/7990549 (Referința nr 8 în articol)	ISI-Q1	8		**2.000**
34	A Luis Bustamante, MA Patricio, JM Molina, "Thinger.io: An Open Source Platform for Deploying Data Fusion Applications in IoT Environments", Sensors 2019, 19(5), 1044; https://doi.org/10.3390/s19051044, WOS:000462540400063, https://www.mdpi.com/1424-8220/19/5/1044 (Referința nr 21 în articol)	ISI-Q2	8		**2.000**
35	Fei Kong, Yumin Wang, "Multimodal interface interaction design model based on dynamic augmented reality", Multimedia Tools and Applications, pp 1–31, 2019 Print ISSN 1380-7501, DOI https://doi.org/10.1007/s11042-018-6423-5, WOS:000463917200037, https://link.springer.com/article/10.1007/s11042-018-6423-5 (Referința nr 42 în articol)	ISI-Q2	8		**2.000**
36	D'Onofrio, Grazia & Sancarlo, Daniele & Raciti, Massimiliano & Burke, Megan & Teare, Aimee & Kovacic, Tanja & Cortis, Keith & Murphy, Kathy & Barrett, Eva & Whelan, Sally & Dolan, Aisling & Russo, Alessandro & Ricciardi, Francesco & Pegman, Geoff & Presutti, Valentina & Messervey, Thomas & Cavallo, Filippo & Giuliani, Francesco & Bleaden, Andy & Greco, Antonio. (2019). MARIO Project: Validation and Evidence of Service Robots for Older People with Dementia. Journal of Alzheimer's Disease. 68. 1-15. 10.3233/JAD-181165. Accession Number: WOS:000465612500023, PubMed ID: 30958360, ISSN: 1387-2877, eISSN: 1875-8908 (Referința nr 15 în articol)	ISI-Q2	8		**2.000**
37	U. Khadam, M. M. Iqbal, M. A. Azam, S. Khalid, S. Rho and N. Chilamkurti, "Digital Watermarking Technique for Text Document Protection Using Data Mining Analysis," in IEEE Access, vol. 7, pp. 64955-64965, 2019, doi: 10.1109/ACCESS.2019.2916674. Accession Number: WOS:000470034400001, ISSN: 2169-3536 (Referința nr 22 în articol)	ISI-Q1	8		**2.000**
38	P. Feng, "Big Data Analysis of E-Commerce Based on the Internet of Things," 2019 International Conference on Intelligent Transportation, Big Data & Smart City (ICITBS), Changsha, China, 2019, pp. 345-347, doi: 10.1109/ICITBS.2019.00091. Accession Number: WOS:000469752900083, ISBN:978-1-7281-1307-4 (Referința nr 2 în articol)	ISI	8		**1.000**
39	Ivanović, M. and Klašnja-Milićević, A., 2019. Big data and collective intelligence. International Journal of Embedded Systems, 11(5), pp.573-583. Accession Number: WOS:000488251900004, ISSN: 1741-1068, eISSN: 1741-1076 (Referința nr 19 în articol)	ISI	8		**1.000**
40	Zdravevski, Eftim & Lameski, Petre & Trajkovik, Vladimir & Chorbev, Ivan & Goleva, Rossitza & Pombo, Nuno & Garcia, Nuno. (2019). Automation in Systematic, Scoping and Rapid Reviews by an NLP Toolkit: A Case Study in Enhanced Living Environments: First International Workshop, DEVOPS 2018, Chateau de Villebrumier, France, March 5-6, 2018, Revised Selected Papers. 10.1007/978-3-030-10752-9_1. Accession Number: WOS:000487294000003, Book DOI: 10.1007/978-3-030-10752-9, ISBN:978-3-030-10752-9; 978-3-030-10751-2, ISSN: 0302-9743, eISSN: 1611-3349 (Referința nr 21 în articol)	ISI	8		**1.000**
41	M. Belesioti et al., "Security Challenges in the eHealth Domain: The VICINITY Approach," 2019 15th International Conference on Distributed Computing in Sensor Systems (DCOSS), Santorini Island, Greece, 2019, pp. 219-223, doi: 10.1109/DCOSS.2019.00057.Accession Number: WOS:000502738800034, ISBN:978-1-7281-0570-3, ISSN: 2325-2936 (Referința nr 10 în articol)	ISI	8		**1.000**
42	Jawad, Mohammed. (2019). Cloud Data Security Solution Based on Data Access Classification, Advanced Encryption Standard and Message Authentication Code: PROCEEDINGS OF THE FUTURE TECHNOLOGIES CONFERENCE (FTC) 2018, VOL 2, DOI: 10.1007/978-3-030-02683-7_12. Accession Number: WOS:000505677700012, ISBN:978-3-030-02683-7; 978-3-030-02682-0, ISSN: 2194-5357, eISSN: 2194-5365 (Referința nr 1 în articol)	ISI	8		**1.000**
43	M. Asif-Ur-Rahman et al., "Toward a Heterogeneous Mist, Fog, and Cloud-Based Framework for the Internet of Healthcare Things," in IEEE Internet of Things Journal, vol. 6, no. 3, pp. 4049-4062, June 2019, doi: 10.1109/JIOT.2018.2876088. Accession Number: WOS:000472596200006, ISSN: 2327-4662 (Referința nr 52 în articol)	ISI-Q1	8		**2.000**
44	Saheb, Tahereh & Izadi, Leila. (2019). The paradigm of IoT big data analytics in the healthcare industry: A review of scientific literature and mapping of research trends. Telematics and Informatics. 10.1016/j.tele.2019.03.005. Accession Number: WOS:000474681900006, ISSN: 0736-5853 (Referința nr 66 în articol)	ISI-Q1	8		**2.000**
45	Bhatia, Munish & Sood, Sandeep. (2019). Exploring Temporal Analytics in Fog-Cloud Architecture for Smart Office HealthCare. Mobile Networks and Applications. 10.1007/s11036-018-0991-5. Accession Number: WOS:000477612300028, ISSN: 1383-469X, eISSN: 1572-8153 (Referința nr 25 în articol)	ISI-Q2	8		**2.000**
46	Kaur, Amandeep & Sood, Sandeep. (2020). Cloud-Fog based framework for drought prediction and forecasting using artificial neural network and genetic algorithm. Journal of Experimental & Theoretical Artificial Intelligence. 1-17. 10.1080/0952813X.2019.1647563. Accession Number: WOS:000480977900001, ISSN: 0952-813X, eISSN: 1362-3079 (Referința nr 22 în articol)	ISI	8		**1.000**
47	Loncar-Turukalo, Tatjana & Zdravevski, Eftim & Machado da Silva, Jose & Chouvarda, Ioanna & Trajkovik, Vladimir. (2019). Literature on Wearable Technology for Connected Health: scoping review on research trends, advances and barriers (Preprint). 10.2196/preprints.14017. Accession Number: WOS:000483923300001, PubMed ID: 31489843, ISSN: 1438-8871 (Referința nr 41 în articol)	ISI-Q1	8		**2.000**
48	Jiang, A., Yuan, H., Li, D. and Tian, J., 2019. Key technologies of ubiquitous power Internet of Things-aided smart grid. Journal of Renewable and Sustainable Energy, 11(6), p.062702. Accession Number: WOS:000505573900009, ISSN: 1941-7012 (Referința nr 66 în articol)	ISI	8		**1.000**
49	Liu, Xixia. (2020). Application of cloud-based visual communication design in Internet of Things image. Soft Computing. 10.1007/s00500-019-04111-2. Accession Number: WOS:000530547900017, ISSN: 1432-7643, eISSN: 1433-7479, Accession Number: WOS:000522466700001, ISSN: 1741-0398, eISSN: 1758-7409 (Referința nr 21 în articol)	ISI-Q2	8		**2.000**
50	Jia, Peng & Xue, Hong & Liu, Shiyong & Wang, Hao & Yang, Lijian & Hesketh, Therese & Ma, Lu & Cai, Hongwei & Liu, Xin & Wang, Yaogang & Wang, Yougan. (2019). M Opportunities and challenges of using big data for global health. Science Bulletin. 64. 10.1016/j.scib.2019.09.011. Accession Number: WOS:000497954900004, ISSN: 2095-9273, eISSN: 2095-9281 (Referința nr 14 în articol)	ISI-Q1	8		**2.000**
51	Dragomirescu CC, Lixandru BE, Coldea IL, et al. Antimicrobial Susceptibility Testing for Corynebacterium Species Isolated from Clinical Samples in Romania. Antibiotics (Basel). 2020;9(1):31.,2020 Jan 16. doi:10.3390/antibiotics9010031, Accession Number: WOS:000513524700006, PubMed ID: 31963167, eISSN: 2079-6382 (Referința nr 36 în articol)	ISI-Q2	8		**2.000**
52	Gu, Dongxiao & Yang, Xuejie & Deng, Shuyuan & Liang, Changyong & Wang, Xiaoyu & Wu, Jiao & Guo, Jingjing. (2020). Tracking Knowledge Evolution in Cloud Health Care Research: Knowledge Map and Common Word Analysis. Journal of Medical Internet Research. 22. e15142. 10.2196/15142. Accession Number: WOS:000515547800001, PubMed ID: 32130115, ISSN: 1438-8871 (Referința nr 45 în articol)	ISI-Q1	8		**2.000**
53	Cwiklicki, M., Schiavone, F., Klich, J. et al. Antecedents of use of e-health services in Central Eastern Europe: a qualitative comparative analysis. BMC Health Serv Res 20, 171 (2020). https://doi.org/10.1186/s12913-020-5034-9, Accession Number: WOS:000521283700011, PubMed ID: 32131820, eISSN: 1472-6963 (Referința nr 61 în articol)	ISI	8		**1.000**
54	Inamdar, Zeeshan & Raut, Rakesh & Narwane, Vaibhav & Gardas, Bhaskar & Narkhede, Balkrishna & Sagnak, Muhittin. (2021). "A systematic literature review with bibliometric analysis of big data analytics adoption from period 2014 to 2018". Journal of Enterprise Information Management., Volume 34, Issue 1, Page 101-139, Special Issue SI, DOI: 10.1108/JEIM-09-2019-0267, Published JAN 26 2021 WOS:000522466700001 (Referința nr 4 în articol)	ISI-Q2	8		**2.000**
55	Amandeep Kaur, Sandeep K. Sood, Deep learning based drought assessment and prediction framework, Ecological Informatics, Volume 57, 2020, 101067, ISSN 1574-9541, https://doi.org/10.1016/j.ecoinf.2020.101067. Accession Number: WOS:000528216500006 (Referința nr 10 în articol)	ISI-Q2	8		**2.000**

56	Banijamali, Ahmad & Pakanen, Olli-Pekka & Kuvaja, Pasi & Oivo, Markku. (2020). Software Architectures of the Convergence of Cloud Computing and the Internet of Things: A Systematic Literature Review. Information and Software Technology. 10.1016/j.infsof.2020.106271. WOS:000525318800001, ISSN: 0950-5849, eISSN: 1873-6025 (Referința nr 116 în articol)	ISI-Q1	8		**2.000**
57	Tudor, Valentin & Gulisano, Vincenzo & Almgren, Magnus & Papatriantafilou, Marina. (2020). BES: Differentially private event aggregation for large-scale IoT-based systems. Future Generation Computer Systems. 10.1016/j.future.2018.07.026. Accession Number: WOS:000528199900095, ISSN: 0167-739X, eISSN: 1872-7115 (Referința nr 39 în	ISI-Q1	8		**2.000**
58	Zainol Ariffin, Khairul Akram & Ahmad, Faris Hanif. (2021). Indicators for Maturity and Readiness for Digital Forensic Investigation in Era of Industrial Revolution 4.0. Computers & Security. 105. 102237. 10.1016/j.cose.2021.102237. Accession Number: WOS:000643675100002, ISSN: 0167-4048, eISSN: 1872-6208 (Referința nr 62 în articol)	ISI-Q2	8		**2.000**
59	Dautov, Rustem & Distefano, Salvatore & Bruneo, Dario & Longo, Francesco & Merlino, Giovanni & Puliafito, Antonio. (2021). Data agility through clustered edge computing and stream processing. Concurrency and Computation: Practice and Experience. 33. 10.1002/cpe.5093. Accession Number: WOS:000632049700020, ISSN: 1532-0626, eISSN: 1532-0634 (Referința nr 25 în articol)	ISI	8		**1.000**
60	Bai, Baogang & Nazir, Shah & Bai, Yuhe & Anees, Amir. (2021). Security and provenance for Internet of Health Things: A systematic literature review. Journal of Software: Evolution and Process. 33. 10.1002/smr.2335. Accession Number: WOS:000629210800001, ISSN: 2047-7473, eISSN: 2047-7481 (Referința nr 23 în articol)	ISI	8		**1.000**
61	Shadroo, Shabnam & Rahmani, Amir & Rezaee, Ali. (2020). The two-phase scheduling based on deep learning in the Internet of Things. Computer Networks. 185. 107684. 10.1016/j.comnet.2020.107684. Accession Number: WOS:000612218600014, ISSN: 1389-1286, eISSN: 1872-7069 (Referința nr 23 în articol)	ISI-Q2	8		**2.000**
62	Sadri, Ali & Rahmani, Amir & Saberikamarposhti, Morteza & Hosseinzadeh, Mehdi. (2021). Fog data management: A vision, challenges, and future directions. Journal of Network and Computer Applications. 174. 102882. 10.1016/j.jnca.2020.102882. Accession Number: WOS:000603355800003, ISSN: 1084-8045 (Referința nr 93 în articol)	ISI-Q1	8		**2.000**
63	H. Jiang, J. Starkman, Y. -J. Lee, H. Chen, X. Qian and M. -C. Huang, "Distributed Deep Learning Optimized System over the Cloud and Smart Phone Devices," in IEEE Transactions on Mobile Computing, vol. 20, no. 1, pp. 147-161, 1 Jan. 2021, doi: 10.1109/TMC.2019.2941492. WOS:000597149600008, ISSN: 1536-1233, eISSN: 1558-0660 (Referința nr 40 în articol)	ISI-Q1	8		**2.000**
64	Macak, Martin, M. Ge and B. Buhnova. “A Cross-Domain Comparative Study of Big Data Architectures.” INTERNATIONAL JOURNAL OF COOPERATIVE INFORMATION SYSTEMS(2020): 2030001:1-2030001:27. Accession Number: WOS:000603594000001, ISSN: 0218-8430, eISSN: 1793-6365 (Referința nr 15 în articol)	ISI	8		**1.000**
65	Pesic, Sasa & Ivanovic, Mirjana & Radovanovic, Milos & Badica, Costin. (2020). CAAVI-RICS model for observing the security of distributed IoT and edge computing systems. Simulation Modelling Practice and Theory. 105. 102125. 10.1016/j.simpat.2020.102125. Accession Number: WOS:000571485300001, ISSN: 1569-190X, eISSN: 1878-1462 (Referința nr 66 în articol)	ISI-Q2	8		**2.000**
66	Kaur, Amandeep & Sood, Sandeep. (2020). "Artificial Intelligence-Based Model For Drought Prediction and Forecasting". The Computer Journal. 63. 10.1093/comjnl/bxz105. Accession Number: WOS:000600926500008, ISSN: 0010-4620, eISSN: 1460-2067 (Referința nr 7 în articol)	ISI	8		**1.000**
67	S. Benedict, "Serverless Blockchain-Enabled Architecture for IoT Societal Applications," in IEEE Transactions on Computational Social Systems, vol. 7, no. 5, pp. 1146-1158, Oct. 2020, doi: 10.1109/TCSS.2020.3008995. Accession Number: WOS:000589200000005, ISSN: 2329-924X (Referința nr 28 în articol)	ISI-Q2	8		**2.000**
68	Saba, Tanzila & Haseeb, Khalid & Ahmed, Imran & Rehman, Amjad. (2020). Secure and energy-efficient framework using Internet of Medical Things for e-healthcare. Journal of Infection and Public Health. 13. 10.1016/j.jiph.2020.06.027. Accession Number: WOS:000576827800031, PubMed ID: 32682657, ISSN: 1876-0341, eISSN: 1876-035X (Referința nr 9 în articol)	ISI-Q2	8		**2.000**
69	Rosa, Claudia Marisa; Souza, Paulo Augusto Ramalho de; Silva, Joaquim Manoel da, Innovations in health care and the internet of things (IoT): An overview of technological and scientific research, in Perspectivas em Ciência da Informação Volume : 25 , Issue: 3 ,Pages: 164-181 Published: SEP 2020, WOS:000600781100010, ISSN: 1413-9936, eISSN: 1981-5344 (Referința nr 10 în articol)	ISI	8		**1.000**
70	Ahanger, T.A.; Tariq, U.; Ibrahim, A.; Ullah, I.; Bouteraa, Y. IoT-Inspired Framework of Intruder Detection for Smart Home Security Systems. Electronics 2020, 9, 1361. https://doi.org/10.3390/electronics9091361, Accession Number: WOS:000581663100001, eISSN: 2079-9292 (Referința nr 29 în articol)	ISI	8		**1.000**
71	Koutras, D.; Stergiopoulos, G.; Dasaklis, T.; Kotzanikolaou, P.; Glynos, D.; Douligeris, C. Security in IoMT Communications: A Survey. Sensors 2020, 20, 4828. https://doi.org/10.3390/s20174828, Accession Number: WOS:000569572400001, PubMed ID: 32859036, eISSN: 1424-8220 (Referința nr 73 în articol)	ISI-Q2	8		**2.000**
72	Al-Sharo YM, "Networking Issues for Security and Privacy in Mobile Health Apps", in INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, Volume: 10 Issue: 2 Pages: 186-191 Published: FEB 2019, WOS:000463078000026 (Referința nr 24 în articol)	ISI	8		**1.000**
73	L.Coppolino, S. D'Antonio, G. Mazzeo, L. Romano, L. Sgaglione, "Exploiting New CPU Extensions for Secure Exchange of eHealth Data at the EU Level", 2018 14th European Dependable Computing Conference (EDCC), Year: 2018, Page s: 17 - 24, Electronic ISBN: 978-1-5386-8060-5 DOI: 10.1109/EDCC.2018.00015 WOS:000517596800003 (Referința nr 18 în articol)	ISI	8		**1.000**
74	J. A. Caviness, "Wireless Sensing for Healthcare Solutions", 2018 IEEE International Conference on Electro/Information Technology (EIT), Year: 2018, Page s: 0923 - 0927 DOI: 10.1109/EIT.2018.8500199 WOS:000627374800192 (Referința nr 3 în articol)	ISI	8		**1.000**
75	Islam A. T. F. Taj-Eddin, M. Samir Abou El-Seoud, Hosam Elsofany, "A Proposed Lightweight Cloud Security Framework to Secure Communications Between Internet of Things Devices", International Conference on Interactive Collaborative Learning ICL 2017: Teaching and Learning in a Digital World pp 517-525, 2018 DOI https://doi.org/10.1007/978-3-319-73204-6_57 WOS:000546474900057 (Referința nr 3 în articol)	ISI	8		**1.000**
76	M. Rifqi Ma'arif, A. Priyanto, C. Budi Setiawan, P. Winar Cahyo, "The Design of Cost Efficient Health Monitoring System based on Internet of Things and Big Data", 2018 International Conference on Information and Communication Technology Convergence (ICTC), Year: 2018, Page s: 52 - 57, South Korea DOI: 10.1109/ICTC.2018.8539374 WOS:000517984800011 (Referința nr 14 în articol)	ISI	8		**1.000**
77	Veras, AAD; de Sa, PHCG; (...); da Silva, ALD, "Computational Techniques in Data Integration and Big Data Handling in Omics", OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, Page 209-222, DOI: 10.1016/B978-0-12-804659-3.00012-9, Published 2018 WOS:000472755200012 (Referința nr 57 în articol)	Carte	8		**1.000**
78	Suciu, G and Ditu, MC, "EEG Signal Processing: Applying Deep Learning Methods to Identify and Classify Epilepsy Episodes", FUTURE ACCESS ENABLERS FOR UBIQUITOUS AND INTELLIGENT INFRASTRUCTURES, FABULOUS 2019, Book Series Lecture Notes of the Institute for Computer Sciences, Social Informatics, and Telecommunications Engineering, Volume 283, Page 59-66, DOI: 10.1007/978-3-030-23976-3_6, Published 2019 WOS:000552334400006 (Referința nr 11 în articol)	ISI	8		**1.000**
79	Bica, O and Marinescu, IA, "Conceptual Model of An IoT-Based Enhanced Living Environment for Elderly", EDUCATION EXCELLENCE AND INNOVATION MANAGEMENT: A 2025 VISION TO SUSTAIN ECONOMIC DEVELOPMENT DURING GLOBAL CHALLENGES, Page 13445-13453, 2020 WOS:000661489804035 (Referința nr 24 în articol)	ISI	8		**1.000**
80	Nawaz, A; Ahmed, S; (...); Khan, ZA, "Latest Advances in Interent Of Things and Big Data with Requirments and Taxonomy", 2020 SEVENTH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY TRENDS (ITT 2020), Page 13-19, Published 2020 WOS:000661250900003 (Referința nr 21 în articol)	ISI	8		**1.000**
81	Molano, JIR; Baracaldo, JNM and Casallas, JAT, "Prospective for the integration of Blockchain and the IoT for Cluster implementation", Volume 16, Issue 3, DOI: 10.16925/2357-6014.2020.03.06, Published 2020 WOS:000582616400004 (Referința nr 13 în articol)	ISI	8		**1.000**
82	Arfat, Y; Usman, S; (...); Katib, I, "Big Data Tools, Technologies, and Applications: A Survey", SMART INFRASTRUCTURE AND APPLICATIONS: FOUNDATIONS FOR SMARTER CITIES AND SOCIETIES, Book Series EAI-Springer Innovations in Communication and Computing, Page 453-490, DOI10.1007/978-3-030-13705-2_19, Published 2020 WOS:000656658700020 (Referința nr 13 în articol)	ISI	8		**1.000**
83	Humayun, M, "Role of Emerging IoT Big Data and Cloud Computing for Real Time Application", INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, Volume 11, Issue 4, Page 494-506, Published APR 2020 WOS:000537489900066 (Referința nr 5 în articol)	ISI	8		**1.000**
84	Haseeb, K; Almogren, A; (...); Altameem, A, "SASC: Secure and Authentication-Based Sensor Cloud Architecture for Intelligent Internet of Things", SENSORS, Volume 20, Issue 9, Article Number 2468, DOI: 10.3390/s20092468, Published MAY 2020 WOS:000537106200032 (Referința nr 16 în articol)	ISI-Q2	8		**2.000**

85	Bali, M; Tari, A; (...); Kazar, O, "Smart Design for Resources Allocation in IoT Application Service Based on Multi-agent System and DCSP", INFORMATICA-JOURNAL OF COMPUTING AND INFORMATICS, Volume 44, Issue 3, Page 373-386, DOI: 10.31449/inf.v44i3.2962, Published SEP 2020 WOS:000744101400021 (Referința nr 24 în articol)	ISI	8		1.000
86	Blanco, JM; Ge, MZ and Pitner, T, "Modeling Inconsistent Data for Reasoners in Web of Things", KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS (KSE 2021), Book SeriesProcedia Computer Science, Volume 192, Page 1265-1273, DOI: 10.1016/j.procs.2021.08.130, Published 2021 WOS:000720289001032 (Referința nr 21 în articol)	ISI	8		1.000
87	Singh, A and Ramkumar, KR, "Risk assessment for health insurance using equation modeling and machine learning", INTERNATIONAL JOURNAL OF KNOWLEDGE-BASED AND INTELLIGENT ENGINEERING SYSTEMS, Volume 25, Issue 2, Page 201-225, DOI10.3233/KES-210065, Published 2021 WOS:000679063700005 (Referința nr 54 în	ISI	8		1.000
88	Kaur, A and Sood, SK, "Energy efficient cloud-assisted IoT-enabled architectural paradigm for drought prediction", SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS, Volume 30, Article Number 100496, DOI: 10.1016/j.suscom.2020.100496, Published JUN 2021 WOS:000663407800003 (Referința nr 8 în articol)	ISI-Q1	8		2.000
89	Cuzzocrea, A; Karras, P and Vlachou, A, "Effective and efficient skyline query processing over attribute-order-preserving-free encrypted data in cloud-enabled databases", FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE, Volume 126, Page 237-251, DOI: 10.1016/j.future.2021.08.008, Published JAN 2022 WOS:000701828000019 (Referința nr 87 în articol)	ISI-Q1	8		2.000
90	Tay, SI; Alipal, J and Lee, TC, "Industry 4.0: Current practice and challenges in Malaysian manufacturing firms", TECHNOLOGY IN SOCIETY, Volume 67, Article Number 101749, DOI: 10.1016/j.techsoc.2021.101749, Published NOV 2021 WOS: 000704511300031 (Referința nr 44 în articol)	ISI-Q1	8		2.000
91	Petsani, D; Ahmed, S; (...); Konstantinidis, E, "Digital Biomarkers for Supporting Transitional Care Decisions: Protocol for a Transnational Feasibility Study", JMIR RESEARCH PROTOCOLS, Volume 11, Issue 1,Article Number 34573, DOI: 10.2196/34573, Published JAN 2022 WOS:000748995300007 (Referința nr 15 în articol)	ISI	8		1.000
92	Rajanna, RR; Sriraam, N; (...); Sahoo, S, "External Cardiac Loop Recorders: Functionalities, Diagnostic Efficacy, Challenges and Opportunities", IEEE REVIEWS IN BIOMEDICAL ENGINEERING, Volume 15, Page 273-292, DOI: 10.1109/RBME.2021.3055219, Published 2022 WOS:000745516700021 (Referința nr 126 în articol)	ISI-Q1	8		2.000
93	Lee, KH; Urtnasan, E; (...); Youk, H, "Concept and Proof of the Lifelog Bigdata Platform for Digital Healthcare and Precision Medicine on the Cloud", YONSEI MEDICAL JOURNAL, Volume 63, Page S84-S92, SupplementS DOI: 10.3349/ymj.2022.63.S84, Published JAN 2022 WOS:000745907600002 (Referința nr 19 în articol)	ISI-Q2	8		2.000
94	Jha, A; Athanerey, A and Kumar, A, "Role and challenges of internet of things and informatics in Healthcare research", HEALTH AND TECHNOLOGY, Volume12 Issue 4, Page 701-712, DOI: 10.1007/s12553-022-00661-y, Published JUL 2022 WOS:000773172100001 (Referința nr 47 în articol)	ISI	8		1.000
95	Lee, K; Lee, J; (...); Youk, H, "Diffusion of a Lifelog-Based Digital Healthcare Platform for Future Precision Medicine: Data Provision and Verification Study", JOURNAL OF PERSONALIZED MEDICINE, Volume 12, Issue 5, Article Number 803, DOI: 10.3390/jpm12050803, Published MAY 2022 WOS:000802556000001 (Referința nr 20 în articol)	ISI-Q2	8		2.000
96	Shirvanian, N; Shams, M and Rahmani, AM, "Internet of Things data management: A systematic literature review, vision, and future trends", INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, Volume 35, Issue 14, Article Number e5267, DOI: 10.1002/dac.5267, Published SEP 25 2022 WOS:000813955200001 (Referința nr 97 în articol)	ISI	8		1.000
97	Mukherjee, S; Gupta, S; (...); Jain, S, "Leveraging big data analytics in 5G-enabled IoT and industrial IoT for the development of sustainable smart cities", TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, Article Number e4618, DOI: 10.1002/ett.4618, JUL 2022 WOS:000832983100001 (Referința nr 126 în articol)	ISI-Q2	8		2.000
98	Ullah, M; Gutierrez-Rojas, D; (...); Nardelli, PHJ, "Operation of Power-to-X-Related Processes Based on Advanced Data-Driven Methods: A Comprehensive Review", ENERGIES, Volume 15, Issue 21, Article Number 8118, Published NOV 2022 WOS:000881330800001 (Referința nr 70 în articol)	ISI	8		1.000
99	Ullah, M; Narayanan, A; (...); Nardelli, PHJ, "Industrial Energy Management System: Design of a Conceptual Framework Using IoT and Big Data", IEEE Access, Volume 10, Page 110557-110567, DOI 10.1109/ACCESS.2022.3215167, Published NOV 2022 WOS: 000873679000001 (Referința nr 40 în articol)	ISI-Q2	8		2.000
100	A Belfiore, C Cuccurullo, M Aria, "IoT in healthcare: A scientometric analysis", Technological Forecasting and Social Change, Volume 184, November 2022, 122001 https://doi.org/10.1016/j.techfore.2022.122001 Nov 2022 WOS:000863238800014 (Referințe ordine alfabetică: Suciu et al., 2015 G. Suciu, V. Suciu, A. Martian, R. Craciunescu, A. Vulpe, I. Marcu, O. Fratu, ...)	ISI-Q1	8		2.000
101	CJ Martínez, S Galmés, "Analysis of the primary attacks on IoMT Internet of Medical Things communications protocols", 2022 IEEE World AI IoT Congress (AIIoT), DOI: 10.1109/AIIoT54504.2022.9817252, USA SEPT 2022 WOS: 000848394800110 (Referința nr 29 în articol)	ISI	8		1.000
102	Singh, RK; Agrawal, S; (...); Kazancoglu, Y, „Strategic issues of big data analytics applications for managing health-care sector: a systematic literature review and future research agenda", TQM JOURNAL, Volume 35, Issue 1, Page 262-291, DOI 10.1108/TQM-02-2021-0051, Published JAN 16 2023 WOS: 000918910000012 (Referințe ordine alfabetică: Suciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I. and Fratu, O. (2015))	ISI	8		1.000
103	Ullah, M; Gutierrez-Rojas, D; (...); Nardelli, PHJ, "Operation of Power-to-X-Related Processes Based on Advanced Data-Driven Methods: A Comprehensive Review", ENERGIES, Volume 15, Issue 21, Article Number 8118, DOI 10.3390/en15218118, Published NOV 2022, WOS: 000881330800001 (Referința nr 70 în articol)	ISI	8		1.000
	O. Fratu, S. Halunga, C. Perju, A. Marțian, **I. M. Marcu**, "On the Availability of CDMA Channels for Secondary Users", in Proc. 3rd International Workshop on Cognitive Radio and Advanced Spectrum Management, COGART 2010, ISBN 978-1-4244-8131-6, Rome, Italy, November 2010. (IEEE Xplore)				Punctaj
1	Fratu, O, Vulpe, A, Craciunescu, R, Halunga, S, "Small Cells in Cellular Networks: Challenges of Future HetNets", in WIRELESS PERSONAL COMMUNICATIONS, Volume: 78 Issue: 3 Pages: 1613-1627 Special Issue: SI DOI: 10.1007/s11277-014-1906-9, Published: OCT 2014, WOS:000341434800003 URL: https://link.springer.com/article/10.1007/s11277-014-1906-9 (Referința nr 7 în articol)	ISI	5		1.600
	Ana Maria Claudia Dragulinescu, Andrei Dragulinescu, **Ioana Marcu**, Simona Halunga, Octavian Fratu, "SmartGreeting: A new smart home system which enables context-aware services". In: Fratu O., Militaru N., Halunga S. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2017. Lecture Notes of the Institute for				Punctaj
1	Robert Alexandru Dobre, Radu Ovidiu Preda; Radu Alexandru Badea; Mihai Stanciu; Alexandru Brumaru, "Blockchain-Based Image Copyright Protection System using JPEG Resistant Digital Signature", 2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME), DOI: 10.1109/SIITME50350.2020.9292296 WOS:000651085100042 (Referința nr 10 în articol)	ISI	5		1.600
2	Vladescu, M; Feies, V; (...); Muraru, SL, "Mechatronic Platform with Sensors for Smart Agriculture", ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS AND NANOTECHNOLOGIES X, Book Series Proceedings of SPIE, Volume 11718, Article Number 117181U, DOI: 10.1117/12.2571236, Published 2020 WOS:000641147900065 (Referința nr 6 în articol)	ISI	5		1.600
	I. Marcu, C. Voicu, R. Crăciunescu, S. Halunga, „LDPC Performances in Multi-Carrier Systems", IEEE 11th International Conference on Communications (COMM 2016), ISBN:978-1-4673-8197-0, pp. 209-212, Bucharest, Romania, June 2016				Punctaj
1	H.-A.-Rashid, S. Islam, M. Ahsan Ullah, "Performance of multi-stage threshold decoding in MC-CDMA", 2017 IEEE International Conference on Telecommunications and Photonics (ICTP), Electronic ISBN: 978-1-5386-3374-8, 2017 DOI: 10.1109/ICTP.2017.8285953, WOS:000428139500030 (Referința nr 1 în articol)	ISI	4		2.000
2	A. S. Lunardi; J. S. Lucena; I. R. S. Casella; C. E. Capovilla; Alfeu J. Sguarezi Filho, "Wireless communication applied in a grid tie converter control for renewable sources", 6th International Conference on Renewable Energy Research and Applications (ICRERA), Pages: 552 - 555, Electronic ISBN: 978-1-5386-2095-3, San Diego, CA, USA, 2018 DOI: 10.1109/ICRERA.2017.8191122, WOS: 000426708600089 (Referința nr 5 în articol)	ISI	4		2.000
	G. Suciu, **I. Marcu**, C. Balaceanu, M. Dobrea, E. Botezat, "Efficient IoT system for Precision Agriculture", 15th International Conference on Engineering of Modern Electric Systems (EMES), ISBN: 978-1-7281-0773-8, Pages: 173-176 Oradea, Romania, June 2019 WOS:000503434500044				
1	E.L. Bolfe, et al, "Precision and Digital Agriculture: Adoption of Technologies and Perception of Brazilian Farmers", AGRICULTURE-BASEL, Volume: 10, Issue: 12, Dec. 2020 WOS: 000601731500001 (Referința nr 12 în articol)	ISI-Q1	5		3.200
2	X.-B. Jin, et al, "Deep Learning Predictor for Sustainable Precision Agriculture Based on Internet of Things System", SUSTAINABILITY, Volume: 12, Issue: 4, Article Number: 1433, Feb. 2020 WOS: 000522460200151 (Referința nr 5 în articol)	ISI-Q2	5		3.200
3	L. Garcia, et al, "IoT-Based Smart Irrigation Systems: An Overview on the Recent Trends on Sensors and IoT Systems for Irrigation in Precision Agriculture", SENSORS, Volume: 20, Issue: 4, Article Number: 1042 Feb. 2020 WOS: 000522448600093 (Referința nr 39 în articol)	ISI-Q1	5		3.200

4	Araujo, SO et al, "Characterising the Agriculture 4.0 Landscape-Emerging Trends, Challenges and Opportunities", AGRONOMY-BASEL, Volume 11, Issue 4, Article Number 667, OI10.3390/agronomy11040667, Published APR 2021 WOS: 000642671800001 (Referința nr 85 în articol)	ISI-Q1	5		**3.200**
5	Scuderi, A.; La Via, G; Timpanaro, G; Sturiale, L; "The Digital Applications of "Agriculture 4.0": Strategic Opportunity for the Development of the Italian Citrus Chain", AGRICULTURE-BASEL, Volume 12, Issue 3, Article Number 400, DOI10.3390/agriculture12030400, Published MAR 2022 WOS: 000776799400001 (Referința nr 28 în articol)	ISI-Q1	5		**3.200**
6	Mahajan, HB et al, "LCIPA: Lightweight clustering protocol for industry 4.0 enabled precision agriculture", MICROPROCESSORS AND MICROSYSTEMS, Volume 94, Article Number 104633, DOI10.1016/j.micpro.2022.104633, Published OCT 2022 WOS: 000854003400004 (Referința nr 29 în articol)	ISI-Q2	5		**3.200**
	A. Vulpe, Ş. C. Arseni, **I. Marcu**, C. Voicu, O. Fratu, „Building a Unified Middleware Architecture for Security in IoT", In WorldCIST 2017: Recent Advances in Information Systems and Technologies, vol 570, pp.105-114. Springer, Cham, DOI: 10.1007/978-3-319-56538-5_11, Apr 2017 WOS:000425541200011				**Punctaj**
1	Bangui, Hind; Rakrak, Said; Raghay, Said; Buhnova, Barbora; "Moving to the Edge-Cloud-of-Things: Recent Advances and Future Research Directions", ELECTRONICS Volume: 7 Issue: 11 Article Number: 309 Published: NOV 2018 WOS:000451527400042 URL: https://www.mdpi.com/2079-9292/7/11/309 (Referința nr 92 în articol)	ISI-Q2	5		**3.200**
2	S.C. Arseni, A. Vulpe, S. Halunga, O. Fratu, "A Hybrid Testbed for Secure Internet-of-Things", FUTURE ACCESS ENABLERS FOR UBIQUITOUS AND INTELLIGENT INFRASTRUCTURES, FABULOUS 2017, Book Series: Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering, Volume: 241 Pages: 3-8, DOI: 10.1007/978-3-319-92213-3_1, Published: 2018 WOS:000481658200001 (Referința nr 27 în articol)	ISI	5		**1.600**
3	V. Tudor, V. Gulisano, M. Almgren, M. Papatriantafilou, "BES: Differentially private event aggregation for large -scale IoT-based systems", FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE, Volume: 108, Pages: 1241-1257 , Published: JUL 2020 WOS:000528199900095 (Referința nr 54 în articol)	ISI-Q1	5		**3.200**
	I. Marcu, G. Suciu, C. Balaceanu, A. Vulpe, A.M. Dragulinescu, „Arrowhead Technology for Digitalization and Automation Solution: Smart Cities and Smart Agriculture", SENSORS, Volume: 20, Issue: 5, Article Number: 1464, DOI: 10.3390/s20051464, WOS: 000525271500226, Published: MAR 2020				**Punctaj**
1	E.S. McLamore, et al, "FEAST of biosensors: Food, environmental and agricultural sensing technologies (FEAST) in North America", BIOSENSORS & BIOELECTRONICS, Volume: 178, 2021, WOS: 000621206700007 (Referință scrisă " (Marcu et al., 2020)" în articol (referințe în ordine alfabetică)	ISI-Q1	5		**3.200**
2	P.D. Gaspar, et al, "Development of Technological Capabilities through the Internet of Things (IoT): Survey of Opportunities and Barriers for IoT Implementation in Portugal's Agro-Industry", APPLIED SCIENCES-BASEL, Volume: 11, Issue: 8, Aprlie 2021 WOS:000643955200001 (Referința nr 32 în articol)	ISI-Q2	5		**3.200**
3	K.A. Awan, et al, "AgriTrust-A Trust Management Approach for Smart Agriculture in Cloud-based Internet of Agriculture Things", SENSORS, Volume: 20, Issue: 21, Article Number: 6174, Nov. 2020 WOS: 000589377200001 (Referința nr 55 în articol)	ISI-Q2	5		**3.200**
4	B.I. Akhigbe, et al, "IoT Technologies for Livestock Management: A Review of Present Status, Opportunities, and Future Trends", BIG DATA AND COGNITIVE COMPUTING, Volume: 5, Issue: 1, Article Number: 10, Martie 2021 WOS: 000635698400001 (Referința nr 35 în articol)	ISI-Q2	5		**3.200**
5	Rakiba Rayhana; Gaozhi Xiao; Zheng Liu, "RFID Sensing Technologies for Smart Agriculture", IEEE Instrumentation & Measurement Magazine, Volume: 24, Issue: 3, May 2021 WOS: 000652048900010 (Referința nr 3 în articol)	ISI	5		**1.600**
6	Wagner, T; Seitz, J and Schneider, G, "Vibration Measurement and Visualization in Semiconductor AMHS on the basis of IoT", 2021 22ND IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY (ICIT), Page 1211-1216, DOI 10.1109/ICIT46573.2021.9453604, Published 2021 WOS: 000687856000187 (Referința nr 12 în articol)	ISI	5		**1.600**
7	Suciu, G. et al, "Digital Solutions for Smart Food Supply Chain", 2021 IEEE 27TH INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME 2021), Book Series International Symposium for Design and Technology in Electronic Packaging, Page 378-381, DOI 10.1109/SIITME53254.2021.9663672, Published2021 WOS: 000786441900090 (Referința nr 18 în articol)	ISI	5		**1.600**
8	Gharaibeh, AA; Al-Shboul, DA; (...); Jaradat, RA, "Establishing Regional Power Sustainability and Feasibility Using Wind Farm Land-Use Optimization", LAND, Volume10 Issue 5, Article Number 442, DOI 10.3390/land10050442, Published MAY 2021 WOS: 000654203200001 (Referința nr 5 în articol)	ISI-Q2	5		**3.200**
9	Martos, V; Ahmad, A; (...); Ordonez, J, "Ensuring Agricultural Sustainability through Remote Sensing in the Era of Agriculture 5.0", APPLIED SCIENCES-BASEL, Volume 11, Issue 13, Article Number 5911, DOI 10.3390/app11135911, Published JUL 2021 WOS: 000672411100001 (Referința nr 11 în articol)	ISI-Q2	5		**3.200**
10	Rahim, HU; Qaswar, M; (...); Rea, G, "Nano-Enable Materials Promoting Sustainability and Resilience in Modern Agriculture", NANOMATERIALS, Volume 11, Issue 8, Article Number 2068, DOI 10.3390/nano11082068, Published AUG 2021 WOS: 000689838100001 (Referința nr 114 în articol)	ISI-Q2	5		**3.200**
11	Jia, YS and Li, X, "Complex Event Processing Methods for Greenhouse Control", AGRICULTURE-BASEL, Volume 11, Issue 9, Article Number 811, DOI 10.3390/agriculture11090811, Published SEP 2021 WOS:000699333600001 (Referința nr 1 în articol)	ISI-Q1	5		**3.200**
12	Reddy, KV and Kumar, N., "SNR based Energy Efficient Communication Protocol for Emergency Applications in WBAN", INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, Volume 12, Issue 9, Page 268-275, Published SEP 2021 WOS: 000710864200030 (Referința nr 2 în articol)	ISI	5		**1.600**
13	Niloofar, P; Francis, DP; (...); Bartzanas, T, "Data-driven decision support in livestock farming for improved animal health, welfare and greenhouse gas emissions: Overview and challenges", COMPUTERS AND ELECTRONICS IN AGRICULTURE, Volume 190, Article Number 106406, DOI 10.1016/j.compag.2021.106406, Published NOV 2021 WOS: 000704414600001 (Referință scrisă " (Marcu, I., Suciu, G., Băläceanu, C., Vulpe, A., Drăgulinescu, A.-M., 2020)" în articol (referințe în ordine alfabetică)	ISI-Q1	5		**3.200**
14	Park, JH; Kang, PG; (...); Seo, J, "Introduction of IoT-Based Surrogate Parameters in the Ex-Post Countermeasure of Industrial Sectors in Integrated Permit Policy", SUSTAINABILITY, Volume 13, Issue 23, Article Number 13466, DOI 10.3390/su132313466, Published DEC 2021 WOS: 000735113500001 (Referința nr 7 în articol)	ISI-Q2	5		**3.200**
15	Wang, BS; Zong, BB; (...); Han, B., "Analysis of Digital Long Jump Take-off Wearable Sensor Monitoring System", JOURNAL OF SENSORS, Volume 2021, Article Number 4857624, DOI 10.1155/2021/4857624, Published DEC 22 2021 WOS:000797577000004 (Referința nr 12 în articol)	ISI	5		**1.600**
16	Siaw, D; Botchie, D and Sarpong, D, "A review of micro-practices in commodity value chains in the global south", STRATEGIC CHANGE-BRIEFINGS IN ENTREPRENEURIAL FINANCE, Volume 31, Issue 1, Pag e89-98, Special Issue SI, DOI 10.1002/jsc.2486, Published JAN 2022 WOS:000744111200010 (Referință scrisă " (Marcu, I., Suciu, G., Băläceanu, C., Vulpe, A., Drăgulinescu, A.-M., 2020)" în articol (referințe în ordine alfabetică)	ISI-Q2	5		**3.200**
17	Lam, AN; Haugen, O and Delsing, J, "Dynamical Orchestration and Configuration Services in Industrial IoT Systems: An Autonomic Approach", IEEE OPEN JOURNAL OF THE INDUSTRIAL ELECTRONICS SOCIETY, Volume 3, Page 128-145, DOI 10.1109/OJIES.2022.3149093, Published 2022 WOS: 000766264300001 (Referința nr 37 în articol)	ISI-Q1	5		**3.200**
18	Kyosti, P and Lindstrom, J, "SOA-Based Platform Use in Development and Operation of Automation Solutions: Challenges, Opportunities, and Supporting Pillars towards Emerging Trends", Volume 12, Issue 3, Article Number 1074, DOI10.3390/app12031074, Published FEB 2022 WOS:000759484400001 (Referința nr 2 în articol)	ISI-Q2	5		**3.200**
19	Torres-Sospedra, J; Lohan, ES; (...); Smekal, Z, "Applications and Innovations on Sensor-Enabled Wearable Devices", SENSORS, Volume 22, Issue 7, Article Number 2599, DOI 10.3390/s22072599, Published APR 2022 WOS:000781495200001 (Referința nr 5 în articol)	ISI-Q2	5		**3.200**
20	Panduman, YYF; Funabiki, N; (...); Kao, WC, "Design and Implementation of SEMAR IoT Server Platform with Applications", SENSORS, Volume 22, Issue 17, Article Number 6436, DOI10.3390/s22176436, Published SEP 2022 WOS:000851763000001 (Referința nr 69 în articol)	ISI-Q2	5		**3.200**
21	Turon, K., "Complaints Analysis as an Opportunity to Counteract Social Transport Exclusion in Shared Mobility Systems", SMART CITIES, Volume 5, Issue 3, Page 875-888, DOI10.3390/smartcities5030044, PublishedSEP 2022 WOS:000856882000001 (Referința nr 7 în articol)	ISI	5		**1.600**
22	Campos, JC; Manrique-Silupu, J; Dorneanu, B; Ipanaque, W; Arellano-Garcia, H; "A smart decision framework for the prediction of thrips incidence in organic banana crops", ECOLOGICAL MODELLING, Volume 473, Article Number 110147 Published NOV 2022 WOS: 000869620900002 (Referință scrisă " (Marcu et al., 2020)" în articol (referințe în ordine alfabetică)	ISI-Q2	5		**3.200**
23	Matuska, S; Machaj, J; Hudec, R; Kamencay, P; "An Improved IoT-Based System for Detecting the Number of People and Their Distribution in a Classroom", SENSORS, Volume 22, Issue 20 Published OCT 2022 WOS: 000873842800001 (Referința nr 23 în articol)	ISI-Q2	5		**3.200**
24	Saba, T; Rehman, A; Haseeb, K; Bahaj, SA; Damasevicius, R; "Sustainable Data-Driven Secured Optimization Using Dynamic Programming for Green Internet of Things", SENSORS, Volume 22, Issue 20 Published OCT 2022 WOS: 000873607800001 (Referința nr 15 în articol)	ISI-Q2	5		**3.200**

25	Zhao, Z; Feng, WK; (...); Liang, ZW, "Rapid and Accurate Prediction of Soil Texture Using an Image-Based Deep Learning Autoencoder Convolutional Neural Network Random Forest (DLAC-CNN-RF) Algorithm", AGRONOMY-BASEL, Volume 12, Issue 12, Article Number 3063, DOI 10.3390/agronomy12123063, Published DEC 2022 WOS: 000900383300001 (Referința nr 31 în articol)	ISI-Q1	5		**3.200**
26	Eremina, I; Yudin, A; (...); Oblizov, A, "The Use of Digital Technologies to Improve the Information Support of Agricultural Enterprises", INTERNATIONAL JOURNAL OF TECHNOLOGY, Volume 13, Issue 7, Page 1393-1402, DOI 10.14716/ijtech.v13i7.6184, Published DEC 27 2022 WOS:000906718400004 (Referință scrisă " (Marcu, I.A., Vulpe, A.M., 2020.)" în articol (referințe în ordine alfabetică)	ISI	5		**1.600**
	I. M. Marcu, G. Suciu, C. M. Balaceanu, A. Banaru, "IoT based System for Smart Agriculture", 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), ISBN: 978-1-7281-1624-2, Pitesti, Romania, June 2019 WOS: 000569985400006				**Punctaj**
1	Rodriguez-Robles, J et al, "Autonomous Sensor Network for Rural Agriculture Environments, Low Cost, and Energy Self-Charge", SUSTAINABILITY, Volume 12, Issue 15, Article Number 5913, DOI10.3390/su12155913, Published AUG 2020 WOS: 000559007800001 (Referința nr 15 în articol)	ISI-Q2	4		**4.000**
2	Hassija, V. et al, "A blockchain and deep neural networks-based secure framework for enhanced crop protection", AD HOC NETWORKS, Volume 119, Article Number 102537, DOI10.1016/j.adhoc.2021.102537, Published AUG 1 2021 WOS: 000661871100003 (Referința nr 9 în articol)	ISI-Q2	4		**4.000**
3	Aversano, L.; Bernardi, ML; Cimitile, M., "Water stress classification using Convolutional Deep Neural Networks", JOURNAL OF UNIVERSAL COMPUTER SCIENCE, Volume 28, Issue 3, Page 311-328, DOI10.3897/jucs.80733, Published 2022 WOS: 000778789000006 (Referință scrisă " [Marcu et al., 2019]" în articol (referințe în ordine alfabetică)	ISI	4		**2.000**
4	Bachuwar, VD; Shligram, AD and Deshmukh, LP, "Monitoring the Soil Parameters using IoT and Android Based Application for Smart Agriculture", EMERGING TECHNOLOGIES: MICRO TO NANO (ETMN-2017), Book Series AIP Conference Proceedings, Volume 1989, Article Number 020003, DOI 10.1063/1.5047679, Published 2018 WOS:000443979900003 (Referința nr 4 în articol preprint)	ISI	4		**2.000**
5	Kong, JL; Wang, HX; (...); Zhang, X, "A Spatial Feature-Enhanced Attention Neural Network with High-Order Pooling Representation for Application in Pest and Disease Recognition", AGRICULTURE-BASEL, Volume 12, Issue 4, Article Number 500, DOI10.3390/agriculture12040500, APR 2022 WOS: 000786302900001 (Referința nr 4 în articol)	ISI-Q1	4		**4.000**
6	Bogoevski, Z., Todorov, Z., Gjosheva, M., Efnusheva, D., Cholakoska, A. (2022). A Monitoring System Design for Smart Agriculture. In: Silhavy, R. (eds) Cybernetics Perspectives in Systems. CSOC 2022. Lecture Notes in Networks and Systems, vol 503. Springer, Cham. https://doi.org/10.1007/978-3-031-09073-8_9, WOS:000892638700009 (Referința nr 1 în articol)	ISI	4		**2.000**
	I. Marcu, C. Voicu, A.M.D. Drăgulinescu, O. Fratu, G. Suciu, C. Bălăceanu, M.M Andronache, "Overview of IoT basic platforms for precision agriculture", FABULOUS 2019: Future Access Enablers for Ubiquitous and Intelligent Infrastructures, Publisher: Springer, ISBN: 978-3-030-23975-6, pp 124-137, March 2019 (URL: https://link.springer.com/chapter/10.1007/978-3-030-23976-3_13) WOS: 000552334400013				**Punctaj**
1	Sebestyen, Viktor; Czvetko, Timea; Abonyi, Janos, "The Applicability of Big Data in Climate Change Research : The Importance of System of Systems Thinking ", FRONTIERS IN ENVIRONMENTAL SCIENCE Volume: 9 Article Number: 619092 Published: MAR 17 2021 WOS:000635097900001 (Referință scrisă " [Marcu, I., Voicu, C., Drăgulinescu, A]" în articol (referințe în ordine alfabetică)	ISI-Q2	7		**2.286**
2	Adami, Davide; Giordano, Stefano; Tamburello, Marialaura, "A Monitoring Application for Animal Repelling Devices in Smart Agriculture ", 25th IEEE International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (IEEE CAMAD) Location: Pisa, ITALY Date: SEP 14-16, 2020 WOS:000627806900043 (Referința nr 9 în articol)	ISI	7		**1.143**
3	Thilakarathne, NN; Yassin, H; Abu Bakar, MS; Abas, PE; "Internet of Things in Smart Agriculture: Challenges, Opportunities and Future Directions", 2021 IEEE ASIA-PACIFIC CONFERENCE ON COMPUTER SCIENCE AND DATA ENGINEERING (CSDE), DOI10.1109/CSDE53843.2021.9718402, 2021 WOS: 000800254200034 (Referința nr 15 în articol)	ISI	7		**1.143**
4	Al Asif, MR; Hasan, KF; Islam, MZ; Khondoker, R., "STRIDE-based Cyber Security Threat Modeling for IoT-enabled Precision Agriculture Systems", 2021 3RD INTERNATIONAL CONFERENCE ON SUSTAINABLE TECHNOLOGIES FOR INDUSTRY 4.0 (STI), DOI10.1109/STI53101.2021.9732597, 2021 WOS: 000841848000038 (Referința nr 3 în articol)	ISI	7		**1.143**
5	Ullo, SL; Sinha, GR; "Advances in IoT and Smart Sensors for Remote Sensing and Agriculture Applications", REMOTE SENSING, Volume 13, Issue 13, Article Number 2585, DOI10.3390/rs13132585, Published JUL 2021 WOS: 000670975600001 (Referința nr 24 în articol)	ISI-Q2	7		**2.286**
6	Vangala, A et al, "Security in IoT-enabled smart agriculture: architecture, security solutions and challenges", CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS, DOI10.1007/s10586-022-03566-7, Early Access APR 2022 WOS: 000784397800003 (Referința nr 75 în articol)	ISI	7		**1.143**
7	Hahn, C; Garcia-Marti, I; (...); Ziska, F, "Observations from Personal Weather Stations-EUMETNET Interests and Experience", CLIMATE, Volume 10, Issue 12, Article Number 192, DOI 10.3390/cli10120192, Published DEC 2022 WOS:000900660300001 (Referința nr 23 în articol)	ISI	7		**1.143**
8	Grunt, M; Blazejewski, A; Pecolt, S.; Krolikowski, ., "BelBuk System-Smart Logistics for Sustainable City Development in Terms of the Deficit of a Chemical Fertilizers", ENERGIES, Volume 15, Issue 13, Article Number 4591, DOI 10.3390/en15134591, Published JUL 2022 WOS: 000823873300001 (Referința nr 42 în articol)	ISI	7		**1.143**
	R. O. Preda, **I. Marcu**, A. Ciobanu, „Image authentication and recovery using wavelet-based dual watermarking", Scientific Bulletin of the University Politehnica of Bucharest, Series C: Electrical Engineering and Computer Science, Vol. 77, Issue 4, pp. 119-130, ISSN: 2286-3540, 2015				**Punctaj**
1	R. Ullah, H.A. Alquhayz, "Intelligent Watermarking Scheme for image Authentication and Recovery", INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS Volume: 8 Issue: 5 Pages: 216-223 Published: MAY 2017 WOS:000403339800027 URL: https://thesai.org/Publications/ViewPaper?Volume=8&Issue=5&Code=IJACSA&SerialNo=27 (Referința nr 8 în articol)	ISI	3		**2.667**
2	Sivasubramanian, Nandhini; Konganathan, Gunaseelan, "A novel semi fragile watermarking technique for tamper detection and recovery using IWT and DCT ", COMPUTING Volume: 102 Issue: 6 Special Issue: SI Pages: 1365-1384 Published: JUN 2020 (Referința nr 12 în articol)	ISI-Q2	3		**5.333**
3	N. Sivasubramanian, G. Konganathan, "Semi Fragile Watermarking Technique using IWT and a Two Level Tamper Detection Scheme", PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON INTERNET OF THINGS, BIG DATA AND SECURITY (IOTBDS 2019), Pages: 156-164, DOI: 10.5220/0007759701560164, Published: 2019 WOS: 000570344500014 (Referință scrisă " [R. O. Preda, I. Marcu, and A. Ciobanu]" în articol (referințe în ordine alfabetică)	ISI	3		**2.667**
4	X. YuOrcid, C. Wang, Xiao Zhou, "Review on Semi-Fragile Watermarking Algorithms for Content Authentication of Digital Images", Open Access Future Internet 2017, 9(4), 56; doi:10.3390/fi9040056 WOS:000419780100003 URL: https://www.mdpi.com/1999-5903/9/4/56 (Referința nr 31 în articol)	ISI-Q2	3		**5.333**
	Mircea Popescu, Răzvan Bărtușică, Alexandru Boitan, **Ioana Marcu**, Simona Halunga, „Considerations on estimating the minimal level of attenuation in TEMPEST filtering for IT", In: Fratu O., Militaru N., Halunga S. (eds) Future Access Enablers for Ubiquitous and Intelligent Infrastructures. FABULOUS 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 241. Springer, Cham				**Punctaj**
1	Velicu, V. et al, "Experimental Study of Radiated Compromising Emanations for Computer Monitors", 2019 6TH INTERNATIONAL SYMPOSIUM ON ELECTRICAL AND ELECTRONICS ENGINEERING (ISEEE), Book Series International Symposium on Electrical and Electronics Engineering, Published 2019 WOS:000614815800037 (Referința nr 7 în articol)	ISI	5		**1.600**
2	Bartusica, R; Alexandru, B; (...); Mihai, M, "Processing gain considerations on compromising emissions", ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS AND NANOTECHNOLOGIES X, Book Series Proceedings of SPIE, Volume 11718, Article Number 1171821, DOI10.1117/12.2571272, Published 2020 WOS:000641147900072 (Referința nr 8 în articol)	ISI	5		**1.600**
3	Bartusica, R; Popescu, M; (...); Halunga, S., "Considerations for Emission Security Risks From the Perspective of Signal Processing Techniques", 2018 12TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM), Book Series IEEE International Conference on Communications, Page 535-538, Published 2018 WOS:000449526000101 (Referința nr 9 în articol)	ISI	5		**1.600**

4	Bogdan Trip, Vlad Butnariu, Alexandru Boitan, Simona Halunga, "Video Signal Recovery from the Smartphones Touchscreen LCD Display", FABULOUS 2019: Future Access Enablers for Ubiquitous and Intelligent Infrastructures, pp 89-95, https://doi.org/10.1007/978-3-030-23976-3_9, Sept. 2019 WOS:000552334400009 (Referința nr 4 în articol)	ISI	5		**1.600**
	C. Balaceanu, **I. Marcu**, G. Suciu, C. Dantas, P. Mayer, " Developing a Smart Toilet System for ageing people and persons with disabilities", ECBS 2019, ISBN:978-1-4503-7636-5, WOS: 000525376600016, Bucharest, Romania, Sept 2019				**Punctaj**
1	Ballester, I; Mujirishvili, T and Kampel, M, "RITA: A Privacy-Aware Toileting Assistance Designed for People with Dementia", PERVASIVE COMPUTING TECHNOLOGIES FOR HEALTHCARE, PERVASIVE HEALTH 2021, Book Series Lecture Notes of the Institute for Computer Sciences Social Informatics and Telecommunications Engineering, Volume 431, Page 318-330, DOI10.1007/978-3-030-99194-4_20, Published 2022 WOS:000790610600020 (Referința nr 1 în articol)	ISI	5		**1.600**
2	Orza, O; Constantin, F; Negoita, A (; Bosoc, SC ; Balaceanu, C; Suciu, G, "Indoor air quality monitoring for improvement of the environment in Smart Toilets", 021 16TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Page 150-153, DOI 10.1109/EMES52337.2021.9484146, Romania 2021 WOS: 000855847300038 (Referința nr 3 în articol)	ISI	5		**1.600**
3	M.Moshiur Rahman, G. Hossain, R. Challoo, M. Rizkalla, "iRestroom : A smart restroom cyberinfrastructure for elderly people", Internet of Things, Volume 19, August 2022, 100573 WOS: 000833457700001 (Referința nr 31 în articol)	ISI-Q1	5		**3.200**
	I. M. Marcu, A. Țigănuș, A. M. Dragulinescu, "A new approach on Smart-Parking concept", ECBS 2019, ISBN:978-1-4503-7636-5, WOS: 000525376600015, Bucharest, Romania, Sept 2019				**Punctaj**
1	Feng Yuan Hu, Bo Rui Wang; Hong Xin Zhang, "Design and Module Simulation of a Smart Parking System Based On QR Code and Drone Monitoring for Open-Space Temporary Parking Lots", 2021 IEEE International Conference on Consumer Electronics and Computer Engineering (ICCECE), DOI: 10.1109/ICCECE51280.2021.9342550 WOS: 000680655600116 (Referința nr 12 în articol)	ISI	3		**2.667**
	A.-M. C. Drăgulinescu, **I. Marcu**, S. Halunga, O. Fratu, "Persons Counting and Monitoring System based on Passive Infrared Sensors and Ultrasonic Sensors (PIRUS)", 2nd EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (FABULOUS 2016), October 24–25, 2016, Belgrade, Serbia URL: https://link.springer.com/chapter/10.1007/978-3-319-74935-8_14				**Punctaj**
1	Nguyen, HT; Topolsky, N; (...); Mokshantsev, A, "Info-analytic technologies in the work of fire and rescue units using infrared technologies", JOURNAL OF STRUCTURAL FIRE ENGINEERING, Volume 11, Issue 4, Page 461-479, DOI10.1108/JSFE-03-2020-0010, Published OCT 8 2020 WOS:000552827100001 (Referință scrisă "[Drăgulinescu, A.-M.C., Marcu, I., Halunga, S. and Fratu, O. (2018)]" în articol (referințe în ordine alfabetică)	ISI	4		**2.000**
2	De Sanctis, M; Di Domenico, S; Fioravanti, D; Abellan, EB; Rossi, T; Cianca, E , "RF-Based Device-Free Counting of People Waiting in Line: A Modular Approach", JIEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, Volume 71, Issue 10, Page 10471-10484, DOI10.1109/TVT.2022.3182548, Published OCT 2022 WOS:000870332400023 (Referința nr 40 în articol)	ISI-Q1	4		**4.000**
	A.M. Badescu, O. Fratu, S. Halunga, **I. Marcu**, 2009, "Consideration on Wave Propagation in Underground Dielectrics", Proceedings of Loughborough Antennas & Propagation Conference, Loughborough, UK; ISBN: 978-1-4244-2720-8; pag. 377 - 380; INSPEC Accession Number: 11008727; DOI: 10.1109/LAPC.2009.5352370				**Punctaj**
1	X. Xusheng, M. Hongwei, M. Kun, F. Hongwei, "The Wireless Channel Characteristic Analysis of Coal Mine Rescue Robot in Unstructured Vertical Working Environment", INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND APPLICATION ENGINEERING (CSAE), Book Group Author(s): Destech Publicat Inc, Book Series: DESTech Transactions on Computer Science and Engineering, Volume: 190, Pages: 579-585, 2017 WOS:000426973900069 ISBN:978-1-60595-505-6 (Referința nr 6 în articol)	ISI	4		**2.000**
	A3.1.2 Citări [7] în cărți, reviste și volume ale unor manifestări științifice - BDI [4]	Baza de date	Nr. Autori articol citat	[4]	
	I. M. Marcu, G. Suciu, C. M. Balaceanu, A. Banaru, "IoT based System for Smart Agriculture", 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), ISBN: 978-1-7281-1624-2, Pitesti, Romania, June 2019 WOS: 000569985400006				**Punctaj**
1	Chandoul Marwa; Soufiene Ben Othman; Hedi Sakli, "IoT Based Low-cost Weather Station and Monitoring System for Smart Agriculture", 2020 20th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), DOI: 10.1109/STA50679.2020.9329292 URL: https://ieeexplore.ieee.org/document/9329292 (Referința nr 11 în articol)	IEEE Explore	4		**1.000**
2	K. Gayathri & S. Thangavelu, "Monitoring the Soil Parameters Using IoT for Smart Agriculture", Intelligent Data Communication Technologies and Internet of Things, pp 743–757, Springer, Singapore 2022 URL: https://link.springer.com/chapter/10.1007/978-981-16-7610-9_55#citeas (Referința nr 4 în articol)	Springerlink	4		**1.000**
3	Bouni, M., Hssina, B., Douzi, K., Douzi, S. (2022). Comparative Study Between Different Recommendation Systems in Smart Agriculture. In: Boulouard, Z., Ouaissa, M., Ouaissa, M., El Himer, S. (eds) AI and IoT for Sustainable Development in Emerging Countries. Lecture Notes on Data Engineering and Communications Technologies, vol 105. Springer, Cham. https://doi.org/10.1007/978-3-030-90618-4_11 URL: https://link.springer.com/chapter/10.1007/978-3-030-90618-4_11#citeas (Referința nr 25 în articol)	Springerlink	4		**1.000**
4	N. Umapathi; Chilukamukku Vyshnavi; Kashireddy Srilekha; Vadlakonda Sahithi, "Monitoring of Crop Growth Parameters using Arduino and ESP8266", 2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET), DOI: 10.1109/ICEFEET51821.2022.9848009, 2022 URL: https://ieeexplore.ieee.org/document/9848009 (Referința nr 14 în articol)	IEEE Explore	4		**1.000**
5	Narendra Kumar; Anil Kumar Dahiya; Krishna Kumar; Sarvesh Tanwar, "Application of IoT in Agriculture", 2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Electronic ISBN:978-1-6654-1703-7, DOI: 10.1109/ICRITO51393.2021.9596120, Location: Noida, India, 2021 URL: https://ieeexplore.ieee.org/document/9596120 (Referința nr 13 în articol)	IEEE Explore	4		**1.000**
6	S. N. Shilaskar, S. S. Bhatlawande, J. B. Deshmukh and S. A. Dehankar, "IoT Based Smart Irrigation and Farm Protection System," 2023 International Conference on Advances in Intelligent Computing and Applications (AICAPS), Kochi, India, 2023, pp. 1-5, doi: 10.1109/AICAPS57044.2023.10074143 (Referința nr 12 în articol)	IEEE Explore	4		**1.000**
7	M. A. Habibi, W. D. Laksono, Ariprihartа, Q. A. Sias, L. Gumilar and C. A. A. Izhar, "Design and Build of the Mist Sprayer Powered by Solar Panels for Cultivating Oyster Mushrooms," 2022 International Conference on Electrical and Information Technology (IEIT), Malang, Indonesia, 2022, pp. 244-250, doi: 10.1109/IEIT56384.2022.9967887. (Referința nr 3 în articol)	IEEE Explore	4		**1.000**
8	Javaid, M., Haleem, A., Khan, I. H., & Suman, R. (2022). Understanding the potential applications of Artificial Intelligence in Agriculture Sector. Advanced Agrochem. URL: https://www.sciencedirect.com/science/article/pii/S277323712200020X (Referința nr 122 în articol)	Elsevier	4		**1.000**
	A. Marțian, **I. Marcu**, I. Marghescu, "Spectrum Occupancy in an Urban Environment: A Cognitive Radio Approach", în Proc. 6th Advanced International Conference on Telecommunications, AICT 2010, ISBN 978-1-4244-6748-8, Barcelona, Spania, Mai 2010, pp 25-29. (IEEE Xplore), doi: 10.1109/AICT.2010.90				**Punctaj**
1	M. López-Benítez, F. Casadevall, "A radio spectrum measurement platform for spectrum surveying in cognitive radio", Proceedings of the 7th International ICST Conference on Testbeds and Research Infrastructures for the Development of Networks & Communities (TRIDENTCOM 2011), Shanghai, China, April 17-19, 2011, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol. 90, pp. 59-74, DOI https://doi.org/10.1007/978-3-642-29273-6_5 (Referința nr 12 în articol)	Springerlink	3		**1.333**
2	Daniel Willkomm, "Enabling Sensing-based Opportunistic Spectrum Re-usage with Secondary QoS Support", PhD thesis, Berlin Institute of Technology 2011 URL: https://dblp.uni-trier.de/rec/html/phd/dnb/Willkomm11 (Referința nr 105 în articol)	DBLP	3		**1.333**
3	A. Marțian, A. Achim, O. Fratu, I. Marghescu, "Analysis of frequency spectrum usage from a cognitive radio perspective", 3rd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL 2010), Page s: 1 - 5, 2010 DOI: 10.1109/ISABEL.2010.5702773 (Referința nr 12 în articol)	IEEE Explore	3		**1.333**
4	A. L. S. Meirelles, K. V. Cardoso and J. F. de Rezende, "A strategy to improve sensing accuracy of energy detection for distributed spectrum management systems", Network Operations and Management Symposium (LANOMS), 2011 7th Latin American, Quito, 2011, pp. 1-8. DOI: 10.1109/LANOMS.2011.6102266 (Referința nr 3 în articol)	IEEE Explore	3		**1.333**
	I. Marcu, S. Halunga, O. Fratu, D. Vizireanu, „Multiuser systems implementations in fading environments", Applications of MATLAB in Science and Engineering", In-Tech Publisher, ISBN 978-953-307-708-6, September 9, 2011				**Punctaj**

1	C. Voicu, S. Halunga, D. Vizireanu, "Performances of conventional and MMSE detectors for image transmissions", 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), Nis, Serbia, 2011 Print ISBN: 978-1-4577-2018-5, DOI: 10.1109/TELSKS.2011.6112009 (Referința nr 13 în articol)	IEEE Explore	4		**1.000**
	G. Suciu, **I. Marcu**, C. Balaceanu, M. Dobrea, E. Botezat, "Efficient IoT system for Precision Agriculture", 15th International Conference on Engineering of Modern Electric Systems (EMES), ISBN: 978-1-7281-0773-8, Pages: 173-176 Oradea, Romania, June 2019 WOS:000503434500044				**Punctaj**
1	George Suciu, Ijaz Hussain, Andreea Badicu, Lucian Necula, Teodora Ușurelu, "IoT Services Applied at the Smart Cities Level", WorldCIST 2020: Trends and Innovations in Information Systems and Technologies, pp 457-463, DOI: https://doi.org/10.1007/978-3-030-45691-7_42, June 2020 URL: https://link.springer.com/chapter/10.1007/978-3-030-45691-7_42 (Referința nr 5 în articol)	Springerlink	5		**0.800**
	I. Marcu, G. Suciu, C. Balaceanu, A. Vulpe, A.M. Dragulinescu, „Arrowhead Technology for Digitalization and Automation Solution: Smart Cities and Smart Agriculture", SENSORS, Volume: 20, Issue: 5, Article Number: 1464, DOI: 10.3390/s20051464, WOS: 000525271500226, Published: MAR 2020				**Punctaj**
1	B D Deebak et al, "Lightweight Blockchain Based Remote Mutual Authentication for AI-Empowered IoT Sustainable Computing Systems", IEEE Internet of Things Journal (Early Access), DOI: 10.1109/JIOT.2022.3152546, Feb 2022 URL: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9716894 (Referința nr 27 în articol)	IEEE Explore	5		**0.800**
2	J. de las Morenas, F. Moya-Fernández, J. A. López-Gómez, "The Edge Application of Machine Learning Techniques for Fault Diagnosis in Electrical Machines", Sensors 2023, 23(5), 2649; https://doi.org/10.3390/s23052649 (Referința nr 1 în articol)	Scopus	5		**0.800**
3	A.G. Olabi, M. Ali Abdelkareem, H.Jouhara, "Energy digitalization: Main categories, applications, merits, and barriers", Energy, Volume 271, 15 May 2023, 126899 https://doi.org/10.1016/j.energy.2023.126899 (Referința în articol)	Elsevier	5		**0.800**
	C. Balaceanu, **I. Marcu**, G. Suciu, C. Dantas, P. Mayer, " Developing a Smart Toilet System for ageing people and persons with disabilities", ECBS 2019, ISBN:978-1-4503-7636-5, WOS: 000525376600016, Bucharest, Romania, Sept 2019				**Punctaj**
1	Fang Liu; Tianyu Chen; Minjun Tang; Qiaoxin Yang, "Analysis of methods for detecting seat temperature of smart toilet", MEMAT 2022; 2nd International Conference on Mechanical Engineering, Intelligent Manufacturing and Automation Technology, Print ISBN:978-3-8007-5761-9, Location: Guilin, China, 2022 URL: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9788984 (Referința nr 27 în articol)	IEEE Explore	5		**0.800**
2	Akshay R et al, "Disease Transmission Prevention at Public Toilets with IoT-Enabled Devices in Smart Cities", 2022 International Conference on Electronics and Renewable Systems (ICEARS), DOI: 10.1109/ICEARS53579.2022.9752084, Location: Tuticorin, India 2022 URL: https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9752084 (Referința nr 11 în articol)	IEEE Explore	5		**0.800**
	A Marţian, C Vladeanu, **I. Marcu**, I Marghescu, „Evaluation of Spectrum Occupancy in an Urban Environment in a Cognitive Radio Context", International Journal on Advances in Telecommunications, IARIA, vol. 3, no. 3&4, Dec. 2010, pp. 172-181				**Punctaj**
1	Chatterjee, S., Dutta, S., Bhattacharya, P.P. and Roy, J.S., "Optimization of spectrum sensing parameters in cognitive radio using adaptive genetic algorithm", Journal of Telecommunications and Information Technology, ISSN: 18196608, 2017 (Referința nr 10 în articol)	Scopus	4		**1.000**
2	Cullen, A.C., Rubinstein, B.I.P., Kandeepan, S. et al. Predicting dynamic spectrum allocation: a review covering simulation, modelling, and prediction. Artif Intell Rev (2023). https://doi.org/10.1007/s10462-023-10449-9 (Referință scrisă "[Marţian A, Vlădeanu C, Marcu I et al (2010)]" în articol (referințe în ordine alfabetică)	Springerlink	4		**1.000**
3	L. Bedogni, M. Di Felice, L. Bononi, "Dynamic Spectrum Access for Machine to Machine Communications: Opportunities, Standards, and Open Issues", Handbook of Cognitive Radio pp 1-28, Online ISBN: 978-981-10-1389-8, 2018 DOI: https://doi.org/10.1007/978-981-10-1389-8_57-1 URL: https://link.springer.com/referenceworkentry/10.1007%2F978-981-10-1389-8_57-1 (Referința nr 39 în articol)	Springerlink	4		**1.000**
	I. M. Marcu, A. Țigănuș, A. M. Dragulinescu, "A new approach on Smart-Parking concept", ECBS 2019, ISBN:978-1-4503-7636-5, WOS: 000525376600015, Bucharest, Romania, Sept 2019				**Punctaj**
1	Tayyba Zahoo, Farooque Azam, Muahmmad Waseem Anwar, Ayesha Tariq, "An Investigation of Smart Parking Tools, Technologies, & Challenges", ICSIE 2020: Proceedings of the 2020 9th International Conference on Software and Information Engineering (ICSIE)November 2020 Pages 198–203https://doi.org/10.1145/3436829.3436851 URL: https://dl.acm.org/doi/abs/10.1145/3436829.3436851 (Referința nr 5 în articol)	ACM	3		**1.333**
	G. Suciu, V. Suciu, A. Martian, R. Craciunescu, A. Vulpe, **I. Marcu**, S. Halunga, O. Fratu, „Big Data, Internet of Things and Cloud Convergence – An Architecture for Secure E-Health Applications", Journal of Medical Systems, Springer Publisher, Online ISSN 1573-689X, September 2015				**Punctaj**
1	M. Maksimović, V.Vujović, "Internet of Things Based E-health Systems: Ideas, Expectations and Concerns", Handbook of Large-Scale Distributed Computing in Smart Healthcare pp 241-280, Springer, Cham DOI https://doi.org/10.1007/978-3-319-58280-1_10 Print ISBN 978-3-319-58279-5 (Referința nr 110 în articol)	Springerlink	8		**0.500**
2	Mahantesh N. Birje & Savita S. Hanji, "Internet of things based distributed healthcare systems: a review", Journal of Data, Information and Management volume 2, pages149–165 (2020), https://doi.org/10.1007/s42488-020-00027-x (Referință scrisă "[Suciu G, Suciu V, Martian A et al (2015)]" în articol (referințe în ordine alfabetică)	Springerlink	8		**0.500**
3	M Rashid, H Singh, V Goyal, SA Parah, "Big data based hybrid machine learning model for improving performance of medical Internet of Things data in healthcare systems", https://doi.org/10.1016/B978-0-12-819664-9.00003-X, 2021 (Referință scrisă "[Suciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I., et al. (2015)]" în articol	Elsevier	8		**0.500**
4	Md. Asif-Ur-Rahman ; Fariha Afsana ; Mufti Mahmud ; M. Shamim Kaiser ; Muhammad R. Ahmed; Omprakash Kaiwartya; Anne James-Taylor, "Towards a Heterogeneous Mist, Fog, and Cloud based Framework for the Internet of Healthcare Things", IEEE Internet of Things Journal (Early Access), pp 1, Electronic ISSN: 2327-4662, 2018 DOI: 10.1109/JIOT.2018.2876088 (Referința nr 52 în articol)	IEEE Explore	8		**0.500**
5	J Mohanty, S Mishra, S Patra, B Pati, "IoT security, challenges, and solutions: a review", Progress in Advanced Computing and Intelligent Engineering. Advances in Intelligent Systems and Computing, vol 1199. Springer, Singapore. https://doi.org/10.1007/978-981-15-6353-9_46 (Referința nr 25 în articol)	Springerlink	8		**0.500**
6	R Sharma, P Agarwal, RP Mahapatra, "Evolution in Big Data Analytics on Internet of Things: Applications and Future Plan", Multimedia Big Data Computing for IoT Applications. Intelligent Systems Reference Library, vol 163. Springer, Singapore. https://doi.org/10.1007/978-981-13-8759-3_18 (Referința nr 24 în articol)	Springerlink	8		**0.500**
7	S. A. Aljawarneh, "Formulating models to survive multimedia big content from integrity violation", Journal of Ambient Intelligence and Humanized Computing, pp 1–10,2018 DOI https://doi.org/10.1007/s12652-018-1090-y (Referință "[Suciu G, Suciu V, Martian A, Craciunescu R, Vulpe A, Marcu I, Fratu O (2015)]" în articol (referințe în ordine alfabetică)	Springerlink	8		**0.500**
8	I. Zitzmann, D. Karl, S. Hirschner, "Nachhaltigkeitsaspekte im Kontext von Digitalisierung und Industrie 4.0", Geschäftsmodelle in der digitalen Welt pp 475-4, 2018 DOI https://doi.org/10.1007/978-3-658-22129-4_24 (Referință scrisă "[Suciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I., HaSuciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I., Halunga, S., Fratu, O. (2015)]" în articol (referințe în ordine alfabetică)	Springerlink	8		**0.500**
9	Raluca Maria Aileni, Suciu George, Sever Pasca & Valderrama Sukuyama Carlos Alberto, "Data Fusion-Based AI Algorithms in the Context of IIoTS", Internet of Things for Industry 4.0. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-32530-5_2 (Referința nr 27 în articol)	Springerlink	8		**0.500**
10	G. Suciu, A. Scheianu, C. M. Bălăceanu, I. Petre, M. Dragu, M. Vochin, A. Vulpe, "Sensors Fusion Approach Using UAVs and Body Sensors", World Conference on Information Systems and Technologies, WorldCIST'18 2018: Trends and Advances in Information Systems and Technologies pp 146-153, 2018 DOI: https://doi.org/10.1007/978-3-319-77700-9_15 (Referința nr 25 în articol)	Springerlink	8		**0.500**
11	L. Syed, S. Jabeen, S. Manimala, H. A. Elsayed, "Data Science Algorithms and Techniques for Smart Healthcare Using IoT and Big Data Analytics", Smart Techniques for a Smarter Planet, pp 211-241, 2019 DOI: https://doi.org/10.1007/978-3-030-03131-2_11 URL: https://link.springer.com/chapter/10.1007/978-3-030-03131-2_11 (Referința nr 17 în articol)	Springerlink	8		**0.500**
12	UD Ulusar, DG Ozcan, F Al-Turjman, "Open Source Tools for Machine Learning with Big Data in Smart Cities", Smart Cities Performability, Cognition, & Security. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-14718-1_8 (Referința nr 11 în articol)	Springerlink	8		**0.500**
13	Prathyusha Mudigonda & Srirama Kanakaratnam Abburi , "A Survey: 5G in IoT is a Boon for Big Data Communication and Its Security", Lecture Notes in Electrical Engineering, vol 601. Springer, Singapore. https://doi.org/10.1007/978-981-15-1420-3_33 (Referința nr 12 în articol)	Springerlink	8		**0.500**

14	Garima Verma & Shiva Prakash , "Internet of Things for Healthcare: Research Challenges and Future Prospects", Advances in Communication and Computational Technology. Lecture Notes in Electrical Engineering, vol 668. Springer, Singapore. https://doi.org/10.1007/978-981-15-5341-7_80 (Referința nr 18 în articol)	Springerlink	8		**0.500**
15	Ghazanfar Latif & Jaafar Alghazo , "IoT Cloud Based Rx Healthcare Expert System", Fog Computing for Healthcare 4.0 Environments. Signals and Communication Technology. Springer, Cham. https://doi.org/10.1007/978-3-030-46197-3_10 (Referința nr 26 în articol)	Springerlink	8		**0.500**
16	N Renugadevi, S Saravanan, CMN Sudha, "Revolution of Smart Healthcare Materials in Big Data Analytics", Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2021.04.256, 2021 (Referința nr 20 în articol)	Elsevier	8		**0.500**
17	R Hireche, H Mansouri, ASK Pathan, "Fault Tolerance and Security Management in IoMT", Towards a Wireless Connected World: Achievements and New Technologies. Springer, Cham. https://doi.org/10.1007/978-3-031-04321-5_4, 2022 URL: https://link.springer.com/chapter/10.1007/978-3-031-04321-5_4 (Referința nr 177 în articol)	Springerlink	8		**0.500**
18	M Ullah, A Narayanan, A Wolff, "Smart Grid Information Processes Using IoT and Big Data with Cloud and Edge Computing", 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), DOI: 10.23919/MIPRO52101.2021.9596885, Croatia (Referința nr 21 în articol)	Springerlink	8		**0.500**
19	M Alloghani, S Subair, C Thron , "A Systematic Review on Application of Data Mining Techniques in Healthcare Analytics and Data-Driven Decisions", Artificial Intelligence for Data Science in Theory and Practice. Studies in Computational Intelligence, vol 1006. Springer, Cham. https://doi.org/10.1007/978-3-030-92245-0_6, 2022 URL: https://link.springer.com/chapter/10.1007/978-3-030-92245-0_6 (Referință scrisă "Suciu, G., Suciu, V., Martian, A., Craciunescu, R., Vulpe, A., Marcu, I., Halunga, S., & Fratu, O. (2015)" în articol (referințe în ordine alfabetică)	Springerlink	8		**0.500**
20	C. L. Gonçalves, L. Pereira, A. C. Santos Akkar, "Bibliometric mapping of the research trends on software architecture for e-Health systems", Procedia Computer Science Volume 219, 2023, Pages 1462-1469 , https://doi.org/10.1016/j.procs.2023.01.436 (Referința nr 31 în articol)	Elsevier	8		**0.500**
21	Mamoon Rashid a, Ansari Jameel Ahmad b, Deepak Prashar, "Chapter Two - Integration of IoT with big data analytics for the development of smart society", Artificial Intelligence and Machine Learning in Smart City Planning, 2023, Pages 13-27, https://doi.org/10.1016/B978-0-323-99503-0.00008-9 (Referința în capitol)	Elsevier	8		**0.500**
	A.-E. Marcu, G. Suciu, E. Olteanu, D. Miu, A. Drosu, **I. Marcu**, "IoT System for Forest Monitoring", 42nd International Conference on Telecommunications and Signal Processing (TSP), ISBN: 978-1-7281-1864-2, pp. 629-632, Budapest, Hungary, WOS: 000493442800138, July 2019				**Punctaj**
1	Hayder Fadhil Abdulsada, et al, "Fire Spread Monitoring System of A Forest Based On Interpolation and Cloud Computing", 5th International Conference on Engineering Technology and its Applications (IICETA), Electronic ISBN:978-1-6654-7215-9, June 2022, URL: https://ieeexplore.ieee.org/document/9888683 (Referința nr 10 în articol)	IEEE Explore	6		**0.667**
2	Agus Ramelan et al, "A Preliminary Prototype of LoRa-Based Wireless Sensor Network for Forest Fire Monitoring", 2021 International Conference on ICT for Smart Society (ICISS), DOI: 10.1109/ICISS53185.2021.9533237, Indonesia, 2022 URL: https://ieeexplore.ieee.org/document/9533237 (Referința nr 6 în articol)	IEEE Explore	6		**0.667**
3	S Mohmmad, DS Rao, "Preserving the Forest Natural Resources by Machine Learning Intelligence", International Conference on Intelligent and Smart Computing in Data Analytics pp 239–253, vol 1312. Springer, Singapore. https://doi.org/10.1007/978-981-33-6176-8_27 URL: https://link.springer.com/chapter/10.1007/978-981-33-6176-8_27#citeas (Referința nr 2 în articol)	Springerlink	6		**0.667**
4	Y Li, Y Duan, H Duan, Z Chen , "A Parallel-based Air-ground Integration System for Forest Ecological Monitoring", 2021 IEEE 1st International Conference on Digital Twins and Parallel Intelligence (DTPI), DOI: 10.1109/DTPI52967.2021.9540194, China, 2021 URL: https://ieeexplore.ieee.org/document/9540194 (Referința în articol)	IEEE Explore	6		**0.667**
5	Kumar, A., Hussain, J., Chun, A. (2023). Building Your IoT Solution. In: Connecting the Internet of Things . Apress, Berkeley, CA. https://doi.org/10.1007/978-1-4842-8897-9_6 (Referința nr 13 în articol)	Springerlink	6		**0.667**
6	S. K. Saravanan, T. Krishna Kumar, D. Udaya Suriya Rajkumar, R. Krishnamoorthy, R. Narayana Rao and R. Thiagarajan, "IoT Alert Reflexion of Forbidden Deforestation Regions with Drone observation," 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), Coimbatore, India, 2023, pp. 1650-1655, doi: 10.1109/ICAIS56108.2023.10073774. (Referința nr 3 în articol)	IEEE Explore	6		**0.667**
	I. Pirnog, **I. Marcu,** C. Oprea, "Automated Segmentation of Pigmented Skin Lesions Images for Smartphone Applications", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.107-110, Sinaia, Romania, Oct. 2019 WOS: 000514295300021				
1	D. Wishma; C. Kaushik Viknesh; R. Seetharaman; P. Ramaraj, "Teledermatology-Teleremedy Technology to Diagnose Early Melanoma", 22023 Second International Conference on Electronics and Renewable Systems (ICEARS), DOI: 10.1109/ICEARS56392.2023.10085079, Tuticorin, India URL: https://ieeexplore.ieee.org/document/10085079/references#references (Referința nr 6 în articol)	IEEE Explore	3		**1.333**
	C. Oprea, I. Pirnog, **I. Marcu**, M. Udrea, "Robust Pose Estimation Using Time-of Flight Imaging", 2019 International Semiconductor Conference (CAS 2019), Electronic ISBN: 978-1-7281-1888-8, pp.301-304, WOS: 000514295300063, Sinaia, Romania, Oct. 2019				**Punctaj**
1	Boris Bačić; Jason Zhang, "Towards Real-Time Drowsiness Detection for Elderly Care", 2020 5th International Conference on Innovative Technologies in Intelligent Systems and Industrial Applications (CITISIA), DOI: 10.1109/CITISIA50690.2020.9371810, Australia, 2020 URL:https://ieeexplore.ieee.org/document/9371810 (Referința în articol)	IEEE Explore	4		**1.000**
	M. Vochin, A. Vulpe, **I. Marcu,** G. Suciu, "Low-power intelligent displaying system with indoor mobile location capability", FABULOUS 2019: Future Access Enablers for Ubiquitous and Intelligent Infrastructures, Publisher: Springer, ISBN: 978-3-030-23975-6, pp 146-153, March 2019 (URL: https://link.springer.com/chapter/10.1007/978-3-030-23976-3_15) WOS: 000552334400015				**Punctaj**
1	Communication and Aerospace Technology (ICECA), DOI: 10.1109/ICECA52323.2021.9675907, India, 2021 URL: https://ieeexplore.ieee.org/document/9675907 (Referința nr 2 în articol)	IEEE Explore	4		**1.000**
	R. O. Preda, **I. Marcu**, A. Ciobanu, „Image authentication and recovery using wavelet-based dual watermarking", Scientific Bulletin of the University Politehnica of Bucharest, Series C: Electrical Engineering and Computer Science, Vol. 77, Issue 4, pp. 119-130, ISSN: 2286-3540, 2015				**Punctaj**
1	Gunjan Singh; Areesha Anjum; Saiful Islam, "Content Prioritization Based Self-Embedding for Image Restoration", 2020 7th International Conference on Signal Processing and Integrated Networks (SPIN), Electronic ISBN:978-1-7281-5475-6, DOI: 10.1109/SPIN48934.2020.9071122, India, 2020 (Referința nr 2 în articol)	IEEE Explore	3		**1.333**
	A3.2 Membru în colective de redacție sau comitete științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	Baza de date	[9]		
1	Membru in Organizing si Technical Program Committee al conferintei internationale FABULOUS 2017 (https://fabulous-conf.eai-conferences.org/2017/show/org-com.html)	ISI			**10.000**
	A3.3 Membru în colective de redacție sau comitete științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI [9]	Baza de date			
					0.000
	A3.4 Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaţionale de prestigiu				
1					**0.000**
	Total A3				**566.062**