UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PENTRU ACORDAREA ATESTATULUI DE ABILITARE

CANDIDAT Conf. Dr. ing. Marius-Constantin Vochin

Post Nr 31, Conferentiar, Depart. de Telecomunicatii Fac. de Electronică, Telecomunicații și Tehnologia Informației

Condiţii	**Îndeplinire condiţii**	
A. Doctor	Diploma de Doctor în domeniul Inginerie Electronică și Telecomunicații, din 11.11.2014 emisa de Universitatea Politehnica din București.	
B. Îndeplinirea standardelor minime naţionale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]	Standarde indeplinite, conform Comisiei CNATDCU Nr 11, Electronică, Telecomunicații și Nanotehnologie Anexată: Fişa 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
A2. Activitatea de cercetare	600	742
A3. Recunoaşterea şi impactul activităţii	150	597
TOTAL (A)	**850**	**1481**
Condiţii minimale obligatorii pe subcategorii [Număr]	**Minim prevăzut**	**Realizat**
A.1.1.1 – A.1.1.2 Cărți și capitole în cărți de specialitate	1	8
A. 2.1. Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI Proceedings	15 dintre care minimum 3 în reviste cotate ISI Q1 sau Q2	37 din care 4 in reviste cotate Q1 sau Q2
A. 2.4.1. Granturi / proiecte de cercetare câştigate	2	4
A. 3.1. Număr de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS)	25	139
Factor de impact ISI cumulat pentru publicații	10	25.62
C. Atestarea studiilor (diploma + Foi Matricole) si a altor realizari profesionale	**Diploma de Licenta**, in domeniul Inginerie Electronica si Telecomunicatii Nr 2526 din 28.12.2009 emisă de Universitatea Politehnica Bucuresti	
	Diplomă de Master, Specializarea Tehnologii Software avansate pentru Comunicatii din 10.01.2012 emisă de Universitatea Politehnica Bucuresti _____ **Alte Diplome**……. _____ **Alte Certificate: Certificate de absolvire Departamentul pentru Pregătirea Personalului Didactic, 12.02.2016** **Certificat de competenta lingvistica limba engleza nivel B2/CEFR** _____ **Alte Acte de atestare a studiilor/realizarilor profesionale**.....	

Subsemnatul Vochin Marius-Constantin, candidat la concursul pentru ocuparea postului de conferentiar universitar, poziția 31, Departam. de telecomunicatii, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, din Domeniul de Studii Univ. Inginerie Electronica si Telecomunicatii, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr 11, Electronică, Telecomunicații și Nanotehnologie, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minimale prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, in momentul înscrierii la concurs, si susțin veridicitatea informațiilor prezentate in dosar si in materialul de mai sus. Lucrările considerate a fi incluse in Baza ISI Thomson Reuters Web of Science sau in alte Baze de Date Internaționale [BDI] sunt vizibile in aceste baze, in dreptul numelui candidatului, la aceasta data.

Candidat, **Data**

..... 22.09.2021

IN CONTINUARE: Fişa de calcul si de sustinere a indeplinirii standardelor minimale specifice domeniului, in acord cu realizarile mentionate

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

Conf. dr. ing. Marius Vochin

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

23 septembrie 2021

CENTRALIZATOR

Condiţii minimale pentru profesor la Comisia de Electronica, Telecomunicatii si Nanotehnolog	Val. Min.	Obţinut
A1 Activitate didactică şi profesională	100	142
A2 Activitatea de cercetare	600	742.51
A3 Recunoaşterea şi impactul activităţii	150	597.13
INDICATORUL DE MERIT (A= A1 + A2 + A3)	**850**	**1481.31**
A1.1.1-A1.1.2 Cărţi şi capitole în cărţi de specialitate	1	8
A2.1 Articole în reviste cotate şi în volumele unor manifestări ştiinţifice indexate ISI	15	37
din care în reviste cotate ISI Q1 sau Q2 [10]	3	4
A2.4.1 Granturi/proiecte câştigate prin competiţie ca director sau responsabil	2	8
A3.1.1 Numar de citări în cărţi, reviste cotate ISI şi în volume ale unor manifestări ştiinţifice cotate IS	25	139
Factor de impact cumulat pentru publicatii	10	25.62

PREZENTARE DETALIATA

A1 - Activitate didactică şi profesională

Nr.crt.	**A1.1.1 Cărţi/monografii/capitole ca autor - internaţionale** *[50 / nr. de autori]*				
1	Gabriel Lucian Ioan, Grazziela Niculescu, Marius-Constantin Vochin, TRANSMISSION, COMMUTATION et ROUTAGE dans les réseaux de communication, Editura Politehnica Press, 2021, ISBN 978-606-515-977-8	Carte	3		**16.67**
2	Gabriel Lucian Ioan, Grazziela Niculescu, Marius-Constantin Vochin, TRANSMISSION, SWITCHING and ROUTING in communication networks, Editura Politehnica Press, 2021, ISBN 978-606-515-976-1.	Carte	3		**16.67**
3	Gabriel Lucian Ioan, Grazziela Niculescu, Marius-Constantin Vochin, Qualité des services et performance des réseaux de communications, Editura Politehnica Press, 2021, ISBN 978-606-515-965-5	Carte	3		**16.67**
4	QUALITY OF TELECOMMUNICATIONS SERVICES, Gratiela Niculescu, Lucian Ioan, Marius Vochin, ISBN 978-606-515-912-9, Editura Politehnica Press, 2020.	Carte	3		**16.67**
5	Switching Systems in Telecommunication Networks, Alexandru Rusu-Casandra, Marius-Constantin Vochin, Lucian Ioan, ISBN 978-606-515-868-9, Editura Politehnica Press, 2019.	Carte	3		**16.67**
6	Routing in Telecommunication Networks, Marius-Constantin Vochin, Alexandru Rusu-Casandra, Gratiela Niculescu, ISBN 978-606-515-867-2, Editura Politehnica Press, 2019.	Carte	3		**16.67**
Nr.crt.	**A1.1.2 Cărţi/monografii/capitole ca autor - naţionale** *[50 / nr. de autori]*		Nr. Autori		
1	Arhitecturi şi Protocoale pentru Comunicaţii, Teorie şi aplicaţii practice, Radu Caius Lupu, Dragoş Ş. Niculescu, Marius-Constantin Vochin, ISBN 978-606-515-727-9, Editura Politehnica Press, 2016.	Carte	3		**16.67**
2	Marius-Constantin Vochin, Radu Caius Lupu, Sisteme de operare, Editura Politehnica Press, 2020, ISBN 978-606-515-906-8	Carte	2		**25.00**
Nr.crt.	**A1.2.1 Material didactic / lucrari didactice - Manuale didactice** *[40 / nr. de autori]*				
	Total A1				**142**

A2 - Activitatea de cercetare

Nr.crt.	**A2.1 Articole în reviste cotate şi în volumele unor manifestări ştiinţifice indexate ISI** *[(25+30 * factor impact) /nr. de autori]*	Q	Nr. Autori	Factor impact 2021	**Punctaj**
1	Andra Ciobanu, Eugen Borcoci, Marius Constantin Vochin, and Frank Y. Li, Optimal Service Placement with QoS Monitoring in NFV and Slicing Enabled 5G IoT Networks, acceptat la IEEE Global Communications Conference, 7-11 December 2021 // Madrid, Spain	ISI, IEEE Xplore	4	0.25	**8.13**
2	Vochin, George Suciu, Mihaela Balanescu, Vasileios Anestis, Thomas Bartzanas, 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, 2021, 106406, ISSN 0168-1699,	Q1, ScienceDir	9	5.565	**21.33**
3	Popa, R.A.; Popa, D.C.; Mărginean, G.E.; Suciu, G.; Bălănescu, M.; Paştea, D.; Vulpe, A.; Vochin, M.; Drăgulinescu, A.M. Hybrid Platform for Assessing Air Pollutants Released from Animal Husbandry Activities for Sustainable Livestock Agriculture. Sustainability 2021, 13, 9633. https://doi.org/10.3390/su13179633, WOS 000694541300001	ISI Q2	9	3.251	**13.61**

4	Suciu, George, Mari-Anais Sachian, Alexandru Vulpe, Marius Vochin, Aristeidis Farao, Nikolaos Koutroumpouchos, and Christos Xenakis. 2021. "SealedGRID: Secure and Interoperable Platform for Smart GRID Applications" Sensors 21, no. 16: 5448. https://doi.org/10.3390/s21165448, WOS:000689771600001	ISI Q1	7	3.576	**18.90**
5	Andra Ciobanu, Eugen Borcoci, Marius Constantin Vochin, A Quality-of-Service Scenario Awareness for Use-Cases of Open Source Management and Control System Hub in Edge Computing, IEEE International Black Sea Conference on Communications and Networking, 24-28 May 2021, 10.1109/BlackSeaCom52164.2021.9527879	IEEE Xplore	3	0.25	**10.83**
6	Sorin Zoican, Marius Vochin, Roxana Zoican, Dan Galaţchi, Neural Network-based Data Communication System in Internet of Vehicles, The 13th International Conference on Communications, June, 2020, Bucharest, WOS:000612723900044, ISBN:978-1-7281-5611-8, IEEE, 10.1109/COMM48946.2020.9142007	ISI, IEEE Xplore	4	0.25	**8.13**
7	George Suciu, Cristiana Istrate, Mari-Anais Sachian, Alexandru Vulpe, Marius Vochin, Aristeidis Farao, Christos Xenakis, FI-WARE authorization in a Smart Grid scenario, The Global IoT Summit (GIoTS2020), June 2020, IEEE, doi 10.1109/GIOTS49054.2020.9119589, WOS:000610926300016	ISI, IEEE Xplore	7	0.25	**4.64**
8	Sorin Zoican, Marius Vochin, Roxana Zoican, Dan Galatchi, Distributed Internet of Things Framework using Dual Core Blackfin Microcomputer, International Symposium on Electronics and Telecommunications 2020, ISETC'20, Timisoara, November 05 - 06 2020, IEEE	IEEE Explore	4	0.25	**8.13**
9	IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME), Pitesti, Romania, 2020, pp. 89-93, doi: 10.1109/SIITME50350.2020.9292196, WOS:000651085100016	E Explore, Sprin	7	0.25	**4.64**
10	George Suciu, Mari-Anais Sachian, Marius Dobrea, Cristiana-Ioana Istrate, Ana Lavinia Petrache, Alexandru Vulpe, Marius Vochin, Securing the Smart Grid: A Blockchain-based Secure Smart Energy System, 54th International Universities Power Engineering Conference – UPEC 2019, Bucharest, Romania, IEEE, 10.1109/UPEC.2019.8893484, WOS:000619338200027.	SI, IEEE Explore	7	0.25	**4.64**
11	L. Dobrescu, S. Obreja, M. Vochin, D. Dobrescu and S. Halichidis, "New Approaches for Quantifying Internet Activity," 2019 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2019, pp. 1-4. doi: 10.1109/EHB47216.2019.8969998, WOS:000558648300130, IEEE	SI, IEEE Explore	5	0.25	**6.50**
12	Vochin, Marius, Alexandru Vulpe, Marcu, Ioana, Suciu, G. (2019). Low-power intelligent displaying system with indoor mobile location capability. FABULOUS 2019 - 4th EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures. Sofia., SpringerLink WOS: 000552334400015, 10.1007/978-3-030-23976-3_15	ISI, SpringerLink	4	0.25	**8.13**
13	Vochin, M.; Vulpe, A.; Boicescu, L.; Obreja, S.G.; Suciu, G. An Intelligent Low-Power Displaying System with Integrated Emergency Alerting Capability. Sensors 2019, 19, 666, WOS:000459941200229.	ISI, Q1	5	3.576	**26.46**
14	George Suciu, Mari-Anais Sachian, Marius Vochin, Marius Dobrea, Cristian Beceanu, Ana Petrache, Raluca Iosu, Blockchain applicability using Smart Power Management: SealedGrid Architecture, 2019 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), Bucharest, Romania, WOS 000550100400222, 10.1109/isgteurope.2019.8905680	SI, IEEE Explore	7	0.25	**4.64**
15	Vochin, M., Zoican, S., & Borcoci, E. (2017). Intelligent vehicle navigation system with assistance and alerting capabilities. Concurrency & Computation: Practice & Experience, WOS:000491414300018.	ISI, Q3	3	1.536	**23.69**
16	Zoican, S., Vochin, M., Zoican, R., & Galatchi, D. Blockchain and Consensus Algorithms in Internet of Things. 2018, International Symposium on Electronics and Telecommunications ISETC 2018 (pp. 1–4). DOI: 10.1109/isetc.2018.8583923, Timisoara, IEEE, WOS:000463031500039.	SI, IEEE Explore	4	0.25	**8.13**
17	Fading and Wi-Fi Communication Analysis using Ekahau Heatmapper George Suciu, Alexandru Vulpe, Marius Vochin, Andreea Mitrea, Muneeb Anwarand, and Hussain Ijaz, EUC 2018 16th IEEE International Conference on Embedded and Ubiquitous Computing 29-31 October 2018, Faculty of Automatic Control and Computers, University Politehnica of Bucharest, Romania, pp 145-149, DOI: 10.1109/euc.2018.00029, WOS:000458739600022.	SI, IEEE Explore	6	0.25	**5.42**
18	Things Using Blackfin Microcomputers Family and Visual Analytics Tools. In 2018 International Conference on Communications (COMM) (Vol. 747, pp. 115–120). Bucharest. WOS:000449526000020, https://doi.org/10.1109/ICComm.2018.8430121, ISBN: 978-1-5386-2350-3, IEEE	SI, IEEE Explore	4	0.25	**8.13**
19	Vulpe, A., Vochin, M., Boicescu, L., & Suciu, G. (2017). Intelligent low-power displaying and alerting infrastructure for secure institutional networks. In 3rd EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures OCTOBER 12–14, 2017 | BUCHAREST, ROMANIA. Bucharest. 10.1007/978-3-319-92213-3_21, WOS:000481658200021.	ISI, SpringerLink	4	0.25	**8.13**
20	Vochin, M., & Al-Amily, H. (2017). Mobile Communication application for V2V Systems. In the 13-th International Symposium on Signals, Circuits and Systems. ISSCS 2017. Iasi, Romania. Retrieved from http://scs.etc.tuiasi.ro/isscs2017/, WOS:000425211500064, IEEE.	SI, IEEE Explore	2	0.25	**16.25**
21	Al-Amily, H., & Vochin, M. (2017). Practical Design of High Frequency Low Noise Amplifier using Ansys. In ECAI 2017 - International Conference – 9th Edition Electronics, Computers and Artificial Intelligence. Targoviste. Retrieved from http://ecai.ro/index.php, WOS:000425865900086, IEEE	ISI, IEEE Explor	2	0.25	**16.25**
22	Suciu, G., Bezdedeanu, L., Ganaside, A., & Vochin, M. (2017). Space technologies for disaster early warning and management. In International Black Sea Conference on Communications and Networking. istanbul. Retrieved from http://blackseacom2017.ieee-blackseacom.org/, WOS:000427892400057, IEEE.	ISI, IEEE Explor	4	0.25	**8.13**
23	Suciu, G., Scheianu, A., & Vochin, M. (2017). Disaster Early Warning using Time-Critical IoT on Elastic Cloud Workbench. In International Black Sea Conference on Communications and Networking. Retrieved from http://blackseacom2017.ieee-blackseacom.org/ WOS:000427892400056, ISBN:978-1-5090-5049-9, ISSN: 2375-8236, DOI: 10.1109/BlackSeaCom.2017.8277712EID: 2-s2.0-85050736478	ISI, IEEE Explor	3	0.25	**10.83**
24	Vochin, M., Vulpe, A., Suciu, G., & Boicescu, L. (2017). Intelligent displaying and alerting system based on an integrated communications infrastructure and low-power technology. In WorldCist'17 - 5th World Conference on Information Systems and Technologies. Porto Santo Island, Madeira, Portugal, 11 - 13 April 2017, https://doi.org/10.1007/978-3-319-56538-5_14, ISBN 978-3-319-56538-5, WOS:000425541200014	ISI, SpringerLink	4	0.25	**8.13**

25	Vochin, M., Zoican, S., & Borcoci, E. (2017). Intelligent System for Vehicle Navigation Assistance. In WorldCist'17 - 5th World Conference on Information Systems and Technologies. Porto Santo Island, Madeira, Portugal, 11 - 13 April 2017, WOS:000425541200015.	ISI, SpringerLink	3	0.25	**10.83**
26	George Suciu, Marius Vochin, Alexandru Vulpe, O. F. (2016). Vehicular Mobile Data Collection Platform to Support the Development of Intelligent Transportation Systems. In 24th Telecommunications Forum TELFOR 2016. Belgrade. Retrieved from http://www.telfor.org.rs/, DOI 10.1109/TELFOR.2016.7818753, WOS:000393491700043	ISI, IEEE Explor	4	0.25	**8.13**
27	Marius Vochin, Eugen Borcoci, Serban Georgica Obreja, Jordi Mongay Batalla, & Daniel Negru. (2016). Performance Analysis of an Adaptive Media Content Streaming System. In The 11th International Conference on COMMUNICATIONS COMM 2016. Bucharest. https://doi.org/10.1109/ICComm.2016.7528320, WOS:000383221900032	ISI, IEEE Explor	5	0.25	**6.50**
28	Suciu, G., Butca, C., Conu, R., Suciu, V., Hristea, G., Vochin, M., & Todoran, G. (2016). Rapid Detection of Pesticide Residues based on Telemetry Platform. In International Symposium on Electronics and Telecommunications 2016. Timisoara. Retrieved from http://conference.etc.upt.ro/isetc2016/, DOI 10.1109/ISETC.2016.7781065, WOS:000390717800022.	ISI, IEEE Explor	7	0.25	**4.64**
29	Radio: WiFi, iBeacon and ePaper. In 15th RoEduNet Conference: Networking in Education and Research. bucharest, WOS:000390713800050, DOI 10.1109/RoEduNet.2016.7753249, ISBN: 978-1-5090-5398-8, ISSN: 2247-5443.	ISI, IEEE Explor	5	0.25	**6.50**
30	Zoican, S., & Vochin, M. (2016). Computing system and network architectures in high frequency trading financial applications. In 2016 International Conference on Communications (COMM). Bucuresti, WOS:000383221900030, https://doi.org/10.1109/ICComm.2016.7528289.	ISI, IEEE Explor	2	0.25	**16.25**
31	Zoican, S., Vochin, M., Zoican, R., & Galațchi, D. (2016). Lane Departure Warning System Implementation using the Blackfin Microcomputer. In 2016 12th IEEE International Symposium on Electronics and Telecommunications (ISETC). Timisoara. Retrieved from	ISI, IEEE Explor	4	0.25	**8.13**
32	Media Aware Network Element Data Plane Performance Evaluation. Marius Vochin, Eugen Borcoci, Gustavo Carneiro. 2014, The Scientific Bulletin, Series C, University POLITEHNICA of Bucharest, ISSN (print): 2286-3540 / (online): 2286-3559, WOS:000421805200007	ESCI, ISI	3	0.365	**11.98**
33	Embedded Content Aware Router Implementation using the Blackfin Microcomputer, Sorin Zoican, Marius Vochin, Roxana Zoican, Dan Galatchi, International Symposium on Electronics and Telecommunications ETC 2014, Eleventh Edition, IEEE conference #33953., WOS:000366633300051.	ISI, IEEE Explor	4	0.25	**8.13**
34	On Implementing Packet Inspection using CUDA Enabled Graphical Processing Units. Sorin Zoican, Marius Vochin. Bucharest, COMM 2014 International Conference, 2014, pp. 1 – 6, INSPEC Accession Number 14484810, WOS:000345844600005, IEEE	ISI, IEEE Explor	2	0.25	**16.25**
35	Niculescu, Mihai Stanciu. Bucharest, 2012. 20th European Signal Processing Conference EUSIPCO 2012. pg. 2213-2217, ISSN: 2219-5491, ISBN: 978-1-4673-1068-0, WOS:000310623800445, IEEE	ISI, IEEE Explor	4	0.25	**8.13**
36	LwIP Stack Protocol For Embedded Sensors Network, Sorin Zoican, Marius Vochin, COMM 2012 International Conference, Bucharest, pp. 221 – 224, Print ISBN: 978-1-4577-0057-6, WOS:000307808200051, IEEE	ISI, IEEE Explor	2	0.25	**16.25**
37	Implementation of a Media Aware Network Element for Content Aware Networks. Dragoş S. Niculescu, Mihai Stanciu, Marius Vochin, Eugen Borcoci. Budapest, Hungary, April 17-22, 2011, The Fourth International Conference on Communication Theory, Reliability, and Quality of Service, pp 2213 – 2217, ISSN: 2308-4022, ISBN: 978-1-61208-126-7, WOS:000395118200014.	ISI	4	0.25	**8.13**
Nr.crt.	**A2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)** *[20 / nr. de autori]*	Baza de date	Nr. Autori		**Punctaj**
1	George Suciu, Cristiana Istrate, Mari-Anais Sachian, Alexandru Vulpe, Marius Vochin, FI-WARE based authorization for a smart grid's scalable, trusted, and interoperable platform - Practical Experience Report, The 15th International Conference on Critical Information Infrastructures Security 2020 CRITIS, September 2020, Bristol, UK.		5		**6.67**
2	Eugen Borcoci, Marius Vochin, Serban Georgica Obreja, On Systematic Identification of Requirements for Vehicle-to-Everything 5G Slices, The Tenth International Conference on Mobile Services, Resources, and Users, held in Lisbon, Portugal during September 27 - October 01, 2020 - Best paper award		3		**2.86**
3	Eugen Borcoci, Marius Vochin, Serban Georgica Obreja, On Business Models for Vehicle-to-Everything Systems Based on 5G Slicing, The Sixteenth International Conference on Networking and Services ICNS 2020, September, 2020, Lisbon, Portugal		3		**4.00**
4	George Suciu, Cristiana-Ioana Istrate, Alexandru Vulpe, Mari-Anais Sachian, Marius Vochin, Attribute-based Access Control for Secure and Resilient Smart Grids, 6th International Symposium for ICS & SCADA Cyber Security Research 2019, Athens, Greece		5		**4.00**
5	Borcoci, E., Vochin, M., & Obreja, S. (2018). Mobile Edge Computing versus Fog Computing in Internet of Vehicles. In The Tenth International Conference on Advances in Future Internet AFIN 2018. Venice, Italy: IARIA. Retrieved from https://www.iaria.org/conferences2018/ProgramAFIN18.html, pp 8-15, ISSN 2308-4340.		3		**6.67**
6	Zoican, S., Vochin, M., Zoican, R., & Galațchi, D. (2018). Face detection in internet of things using blackfin microcomputers family. In Advances in Intelligent Systems and Computing (Vol. 747, pp. 128–135). https://doi.org/10.1007/978-3-319-77700-9_13	SpringerLink	4		**5.00**
7	Boicescu, L., Vochin, M., Vulpe, A., & Suciu, G. (2018). Intelligent low-power displaying and alerting infrastructure for smart buildings. In Advances in Intelligent Systems and Computing (Vol. 747, pp. 136–145). https://doi.org/10.1007/978-3-319-77700-9_14	SpringerLink	4		**5.00**
8	Suciu, G., Scheianu, A., Bălăceanu, C. M., Petre, I., Dragu, M., Vochin, M., & Vulpe, A. (2018). Sensors fusion approach using UAVs and body sensors. Advances in Intelligent Systems and Computing (Vol. 747). https://doi.org/10.1007/978-3-319-77700-9_15	opus, SpringerLi	7		**2.86**
9	Borcoci, E., Obreja, S. G., & Vochin, M. C. (2018). Functional Layered Architectures and Control Solutions in Internet of Vehicles-Comparison. International Journal on Advances in Internet Technology 11(1&2), 11(1&2), 31–43, ISSN: 1942-2652.		3		**6.67**
10	Borcoci, E., Obreja, S., & Vochin, M. (2017). Internet of Vehicles Functional Architectures - Comparative Critical Study. The Ninth International Conference on Advances in Future Internet AFIN 2017, September 10 - 14, 2017 - Rome, Italy, Best Paper Award, ISSN: 2308-4340, ISBN: 978-1-61208-583-8.		3		**6.67**

11	Borcoci, E., Ambarus, T., & Vochin, M. (2017). Distributed Control Plane Optimization in SDN-Fog VANET. In The International Symposium on Advances in Software Defined Networking and Network Functions Virtualization. Venice: IARIA. Retrieved from https://www.iaria.org/conferences2017/SOFTNETWORKING.html		3		**6.67**
12	Eugen Borcoci, Tudor Ambarus, M. Vochin. (2016). Multi-criteria based Optimization of Placement for Software Defined Networking Controllers and Forwarding Nodes. In The Fifteenth International Conference on Networks ICN 2016. Lisbon: IARIA.		3		**6.67**
13	Borcoci, E., Vochin, M., Constantinescu, M., Batalla, J. M., & Negru, D. (2015). Server and Path Selection in a Light Architecture Content Streaming System with Dual Adaptation. INTERNATIONAL JOURNAL ON ADVANCES IN NETWORKS AND SERVICES · JANUARY 2015, NetSer15v8(n12), 92–105.		5		**4.00**
14	Management System Scalability Evaluation in Multi-domain Content Aware Networks, Eugen Borcoci, Mihai Constantinescu, Marius Vochin, International Journal On Advances in Networks and Services, vol. 7 nr. 3&4 2014, issn: 1942-2644.		3		**6.67**
15	Serban Georgica Obreja, Radu Iorga, Eugen Borcoci, Cristian Cernat, Marius Vochin, Jordi Mongay Batalla, Daniel Negru, J. B.-Q. (2016). Over the Top Content Streaming Adaptive System-Implementation and Validation. In The Ninth International Conference on Communication Theory, Reliability, and Quality of Service CTRQ 2016. Lisbon: IARIA.		7		**2.86**
16	Borcoci, E., Iorga, R., Vochin, M., & Negru, D. (2015). Design of a Flexible Over the Top Content Streaming System with Dual Adaptation. International Journal On Advances in Telecommunications, 8(3&4), 215–226.		4		**5.00**
17	Borcoci, E., Ambarus, T., & Vochin, M. (2015). On Multi-controller Placement Optimization in Software Defined Networking - based WANs. In The Fourteenth International Conference on Networks ICN 2015 (pp. 261–266). Retrieved from https://www.thinkmind.org/download.php?articleid=icn_2015_11_40_96028		3		**6.67**
18	Lidia Dobrescu, Armand Ropot, Cezar Plesca, Marius Vochin, S. S. (2015). Implementing a New System for Recording the Effective Doses for Patients Investigated by Radiological Imaging Investigations. In Innovation and Sustainability International Scientific Conference Interdisciplinary approach of innovation as a progress factor (pp. 5–9). Bucharest: Editura Niculescu. https://doi.org/ISSN 2501-6695		5		**4.00**
19	Multi-controller Scalability in Multi-domain Content Aware Networks Management. Eugen Borcoci, Mihai Constantinescu, Marius Vochin. Chamonix, France, The Tenth International Conference on Networking, ICNS 2014, pp. 62-68, ISSN: 2308-4006, ISBN: 978-1-61208-330-8.		3		**6.67**
20	On Server and Path Selection Algorithms and Policies in a light Content-Aware Networking Architecture, Eugen Borcoci, Marius Vochin, Mihai Constantinescu, Jordi Mongay Batalla, Daniel Negru, 2014 International Conference on Networks & Soft Computing (ICSNC), Nice, France, ISSN: 2163-9027, ISBN: 978-1-61208-368-1		5		**4.00**
21	Quality of Service Assurance in Multi-domain Content-Aware Networks for Multimedia Applications. Marius Vochin, Eugen Borcoci, Serban Georgica Obreja, Cristian Cernat, Radu Badea, Vlad Poenaru, Seville, Spain, 2014, The Sixth International Conference on Evolving Internet, pp. 9-14, INTERNET 2014, ISSN: 2308-443X, ISBN: 978-1-61208-349-0.		6		**3.33**
Nr.crt.	**A2.3.1 Brevete de inventie internationale** *[35/numar autori]*				
Nr.crt.	**A2.3.2 Brevete de inventie nationale** *[25/numar autori]*				
Nr.crt.	**A2.4.1.1 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - internaționale** *[20*ani de desfăşurare]*		Nr.ani		
Nr.crt.	**A2.4.1.2 Granturi sau proiecte câștigate prin competiție în calitate de director sau responsabil contract - naționale** *[10*ani de desfăşurare]*		Nr.ani		
1	Project leader al “A Massive MIMO Enabled IoT Platform with Networking Slicing for Beyond 5G IoV/V2X and Maritime Services” – SOLID-B5G, Norway Grants 2014-2021, Project contract no. 42/2021, grant RO-NO-2019-0499, 1,2 M euros budget, 7 parteneri.		3		**30.00**
2	Grant cercetare postdoctorala „Dezvoltarea competențelor de antreprenoriat ale doctoranzilor și postdoctoranzilor – cheie a succesului în carieră (A-Succes)”, POCU 380/6/13, contract nr. 51675/09.07.2019 - cod SMIS: 125125.		2		**20.00**
3	UEFISCDI PN-III-P2-2.1-CI-2018-1562 “Sistem inteligent de monitorizare a coloniilor de albine” (Intelligent Hive Colony Monitoring System- SIMCA), Nr. Contract 270CI／2018.		1		**10.00**
4	UEFISCDI PN-III-P2-2.1-BG-2016-0475 grant nr. 60BG/2016 “Intelligent communications system based on integrated infrastructure, with dynamic display and alerting - SICIAD”, competitia Bridge Grant (Transfer de cunoastere la agentul economic), 2016-2018.		2		**20.00**
5	Project leader al proiectului de cercetare “Intelligent Navigation Assistance System”, Contract nr. 101/26.09.2016 (acronym: SIAN), finantat prin programul “Excellence Research Grants”, UPB – GEX. Identifier: UPB–EXCELENȚĂ–2016, 2016-2017.		1		**10.00**
Nr.crt.	**A2.4.2.1 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - internaționale** *[4*ani de desfăşurare]*		Nr.ani		
1	PREdictive maintenance for Valuable ENergy efficiency acTIONs, Call name: P 3 - SP 3.5 - Proiecte EUREKA Tradițional (Network), EUREKA-Cluster, Eurostars, PN-III-P3-3.5-EUK-2019-0247 2021- 2023, valoare totala contract 2.041.880,00 lei, Project partners: SOCIETATEA DE INGINERIE SISTEME * SIS S.A. (RO); BEIA CONSULT INTERNATIONAL S.R.L. (RO)		3		**16.00**
2	Smart ai based storage system, ERANET-REGSYS-AISTOR, 2020-2023, total buget 1.210.001,00 RON, Coordinator: BEIA CONSULT INTERNATIONAL		3		**16.00**
3	Membru in echipa de implementare a proiectului FarmSustainaBl nr. 119／2019, ERA-NET ERA-GAS / ICT-AGRI / SusAn joint call, 2019-2022, BEAM Innovation S.R.L.		4		**16.00**
4	SealedGrid nr. 777996, H2020-EU.1.3.3. – Stimulating innovation by means of cross-fertilisation of knowledge, 2018-2021, Total cost: EUR 1 080 000, Scalable, trustEd, and interoperAble pLatform for sEcureD smart GRID		3		**16.00**
5	Membru proiect European Celtic-Plus CLOUDBOOK - A Cloud-aware distributed parallel compiler, ID: C2016/2-4, Budget (total): 3707 K€, Effort: 53.7 PY, 2018-2020, 7 parteneri.		3		**12.00**
6	“Radiowave propagation in heterogeneous media: implications on the electronics of Cosmic Neutrino Detectors” - ERC 2016 Starting Grants, 24 luni, coordinator dr. ing. Alina Badescu.		2		**8.00**

7	Proiectul european CHIST-ERA, „Service and user-based DIstributed SElection of content streaming source and Dual AdaptatioN" (DISEDAN), contract nr. 3_CHIST-ERA/06.01.2014, director de proiect prof. dr. ing. Eugen Borcoci.		2		**8.00**
8	Proiectul european FP7, "MediA Ecosystem DepLoyment Through UbIquitous Content-Aware NeTwork Environments" (ALICANTE) grant nr. 248652 , 2010-2013, director de proiect prof. dr. ing. Eugen Borcoci.		4		**16.00**
9	Proiectul european FP6-IP, "End-to-End QoS through Integrated Management of Content, Networks and Terminals", (ENTHRONE II), Nr. 038463, 2006-2008, director de proiect prof. dr. ing. Eugen Borcoci.		3		**12.00**
Nr.crt.	**A2.4.2.2 Granturi sau proiecte câștigate prin competiție în calitate de membru în echipă - naționale** *[2*ani de desfăşurare]*		Nr.ani		
1	"Creșterea competitivității inovative a SC AdNet Market Media prin investiții inițiale de inovare, in scopul realizării unei platforme tehnologice SmartDelta, în cadrul unei unități nou înființate pentru realizarea activităților CD în colaborare efectivă" (SmartDelta), Cod SMIS 2014+:121884, POC nr. 279/25.06.2020		2		**4.00**
2	Postdoctoral research grant „Dezvoltarea competențelor de antreprenoriat ale doctoranzilor și postdoctoranzilor – cheie a succesului în carieră (A-Succes)", POCU 380/6/13, contract nr. 51675/09.07.2019 - cod SMIS: 125125, 2019-2021.		2		**4.00**
3	Membru proiect - Tehnologii pentru rețele si servicii de comunicații din generația a 5-a, Orange Romania, 13930/14/08/2018, 2018, 3 luni, parteneri Orange Romania si UPB		1		**2.00**
4	Membru echipa proiect Mediu Inteligent pentru Locuinţa Asistată Folosind Unde RADIO, coordonator dr. ing. Alexandru Tatomirescu, GNaC2018 ARUT.		2		**4.00**
5	PaSS-IoT - nr contract EL07.16.11, UPB–EXCELENȚĂ–2016, coord. Vulpe Alexandru		1		**2.00**
6	Proiectul național UEFISCDI, „New Innovative System for Radiation Safety of Patients Investigated by Radiological Imaging Methods, based on Smart Cards and PKI Infrastructures" (SRSPIRIM), contract Nr187/2012 , director de proiect conf. dr. ing. Lidia Dobrescu		4		**8.00**
7	Proiectul național OI POSDRU PRACSIS – „Parteneriat pentru o carieră de succes în domeniul securității informațiilor și a sistemelor informatice", nr 135813, director de proiect Prof. dr. ing. Petru-Lucian MILEA		2		**4.00**
8	Proiectul national POSDRU/90/2.1/S/62591 "Practicanţii de azi, profesioniştii de mâine ai televiziunilor!", coordonator proiect: Prof. dr. ing. Corneliu BURILEANU		3		**6.00**
	Total A2			**25.62**	**742.5**
	A3 - Recunoașterea și impactul activității				
	A3.1.1 Citări în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI *[cărţi/ISI = 8 / nr. Autori articol citat]*	Q	Nr. Autori articol citat		**Punctaj**
Articol citat	Suciu, George, Mari-Anais Sachian, Alexandru Vulpe, Marius Vochin, Aristeidis Farao, Nikolaos Koutroumpouchos, and Christos Xenakis. 2021. "SealedGRID: Secure and Interoperable Platform for Smart GRID Applications" Sensors 21, no. 16: 5448. https://doi.org/10.3390/s21165448, WOS:000689771600001	ISI Q1	7		**2.29**
1	Krause, T.; Ernst, R.; Klaer, B.; Hacker, I.; Henze, M. Cybersecurity in Power Grids: Challenges and Opportunities. Sensors 2021, 21, 6225. https://doi.org/10.3390/s21186225	ISI Q1			
Articol citat	L. Dobrescu, S. Obreja, M. Vochin, D. Dobrescu and S. Halichidis, "New Approaches for Quantifying Internet Activity," 2019 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2019, pp. 1-4. doi: 10.1109/EHB47216.2019.8969998, WOS:000558648300130.	ISI, IEEE			
1	Lisiecki A., Król D. (2020) Internet Advertising Strategy Based on Information Growth in the Zettabyte Era. In: Hernes M., Wojtkiewicz K., Szczerbicki E. (eds) Advances in Computational Collective Intelligence. ICCCI 2020. Communications in Computer and Information Science, vol 1287. Springer, Cham. https://doi.org/10.1007/978-3-030-63119-2_36	Springer	5		**1.60**
Articol citat	George Suciu, Cristiana-Ioana Istrate, Alexandru Vulpe, Mari-Anais Sachian, Marius Vochin, Attribute-based Access Control for Secure and Resilient Smart Grids, 6th International Symposium for ICS & SCADA Cyber Security Research 2019, Athens, Greece citat de				
1	Decentralized Identifier in the Blockchain-Based Energy Transaction Platform," 2021 International Conference on Information Networking (ICOIN), Jeju Island, Korea (South), 2021, pp. 845-848, doi: 10.1109/ICOIN50884.2021.9333894, IEEE	IEEE	5		**1.60**
2	Yagnik A. Rathod, Dr. Chetan B. Kotwal, Dr. Sohil D. Pandya, "An ABAC Based Policy Definement for Enriching Access Control in Cloud", International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), ISSN : 2456-3307, Volume 5 Issue 1, pp. 586-592, January-February 2019, doi: https://doi.org/10.32628/CSEIT2062125		5		**0.80**
3	Y. Zhang, M. Yutaka, M. Sasabe and S. Kasahara, "Attribute-Based Access Control for Smart Cities: A Smart-Contract-Driven Framework," in IEEE Internet of Things Journal, vol. 8, no. 8, pp. 6372-6384, 15 April15, 2021, doi: 10.1109/JIOT.2020.3033434.	IEEE Explore	5		**3.20**
4	Cristina Alcaraz, Juan E. Rubio, Javier Lopez, Blockchain-assisted access for federated Smart Grid domains: Coupling and features, Journal of Parallel and Distributed Computing, 2020, ISSN 0743-7315, https://doi.org/10.1016/j.jpdc.2020.05.012	Q2	5		**3.20**
5	Nakamura, Y.; Zhang, Y.; Sasabe, M.; Kasahara, S. Exploiting Smart Contracts for Capability-Based Access Control in the Internet of Things. Sensors 2020, 20, 1793, https://doi.org/10.3390/s20061793.	Q1	5		**3.20**
Articol citat	Eugen Borcoci, Tudor Ambarus, M. Vochin. (2016). Multi-criteria based Optimization of Placement for Software Defined Networking Controllers and Forwarding Nodes. In The Fifteenth International Conference on Networks ICN 2016. Lisbon: IARIA, ISSN: 2308-4413, ISBN: 978-1-61208-450-3				
1	Kumari, A, Sairam, AS. Controller placement problem in software-defined networking: A survey. Networks. 2021; pp 1– 29. https://doi.org/10.1002/net.22016 ISSN 0028-3045	Q1	3		**5.33**
2	T. Das, V. Sridharan and M. Gurusamy, "A Survey on Controller Placement in SDN," in IEEE Communications Surveys & Tutorials, vol. 22, no. 1, pp. 472-503, Firstquarter 2020, doi: 10.1109/COMST.2019.2935453	Q1, IEEE	3		**5.33**

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1	L. Dong, Q. Ni, W. Wu, C. Huang, T. Znati and D. Z. Du, "A Proactive Reliable Mechanism Based Vehicular Fog Computing Network," in IEEE Internet of Things Journal, doi: 10.1109/JIOT.2020.3007608.	Q1, IEEE	3		**5.33**
2	Yahiatene, Y, Rachedi, A, Riahala, MA, Menacer, DE, Nait-Abdesselam, F. A blockchain-based framework to secure vehicular social networks. Trans Emerging Tel Tech. 2019;e3650. https://doi.org/10.1002/ett.3650, ISI Q2	Q2	3		**5.33**
3	Zaheer, Tayyaba & Malik, Asad & Rahman, Anis & Zahir, Ayesha & Fraz, Muhammad. (2019). A Vehicular Network-based Intelligent Transport System for Smart Cities Journal Title XX(X):1-11. International Journal of Distributed Sensor Networks. 15. DOI 10.1177/1550147719888845.	Scopus	3		**2.67**
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	Borcoci, E., Obreja, S., & Vochin, M. (2017). Internet of Vehicles Functional Architectures - Comparative Critical Study. The Ninth International Conference on Advances in Future Internet AFIN 2017, September 10 - 14, 2017 - Rome, Italy, Best Paper Award, ISSN: 2308-4340, ISBN: 978-1-61208-583-8.				
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2	Ali E.S., Hassan M.B., Saeed R.A. (2021) Machine Learning Technologies in Internet of Vehicles. In: Magaia N., Mastorakis G., Mavromoustakis C., Pallis E., Markakis E.K. (eds) Intelligent Technologies for Internet of Vehicles. Internet of Things (Technology, Communications and Computing). Springer, Cham. https://doi.org/10.1007/978-3-030-76493-7_7	Springer	3		**5.33**
3	Mendiboure, L., Chalouf, M.A. and Krief, F. (2021). Toward New Intelligent Architectures for the Internet of Vehicles In Intelligent Network Management and Control: Intelligent Security, Multi-criteria Optimization, Cloud Computing, Internet of Vehicles, Intelligent Radio, Badr Benmammar, 2021, ISBN : 9781789450088, ISTE, WILEY, https://doi.org/10.1002/9781119817840.ch8	WILEY	3		**5.33**
4	Garg, S., Mehrotra, D., Pandey, H.M. et al. Accessible review of internet of vehicle models for intelligent transportation and research gaps for potential future directions. Peer-to-Peer Netw. Appl. (2021), Springer. https://doi.org/10.1007/s12083-020-01054-6	Q2	3		**5.33**
5	Settouti, Ahmed Khalid Yassine. (2020). Sélection des services Cloud Computing: apport des méthodes intelligentes, ISTE Editions.		3		**2.67**
6	Mendiboure, Léo. (2020). Distribution géographique de données dans l'Internet des Véhicules: une approche logicielle et sécurisée utilisant les réseaux cellulaires. 10.13140/RG.2.2.34868.68481.		3		**1.33**
7	Mendiboure, Léo & Chalouf, Mohamed & Krief, Francine. (2020). Vers de nouvelles architectures intelligentes pour l'Internet des véhicules, , In book: Gestion et contrôle intelligents des réseauxPublisher: Iste, ISBN 9781789480085.		3		**2.67**
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1	Alam, T. Blockchain cities: the futuristic cities driven by Blockchain, big data and internet of things. GeoJournal (2021). https://doi.org/10.1007/s10708-021-10508-0 Springer	Springer	4		**4.00**
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3	S. Vári-Kakas, O. Poszet, A. Mirela Pater, E. Valentina Moisi and A. Vári-Kakas, "Issues Related to the Use of Blockchains in IoT Applications," 2021 16th International Conference on Engineering of Modern Electric Systems (EMES), 2021, pp. 1-4, doi: 10.1109/EMES52337.2021.9484103.	IEEE	4		**2.00**
4	Babu, Murali & Radhika, K & Saravanan, T & Periasamy, J. (2021). Assessment of the Effects of Blockchain Based Protection in Network Performance. Journal of Physics: Conference Series. 1964. 042077. 10.1088/1742-6596/1964/4/042077.	Scopus	4		**1.00**
5	Ankur Lohachab, Saurabh Garg, Byeong Kang, Muhammad Bilal Amin, Junmin Lee, Shiping Chen, and Xiwei Xu. 2021. Towards Interconnected Blockchains: A Comprehensive Review of the Role of	Q1, ACM	4		**4.00**
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15	Eigelshoven, Felix; Ullrich, André; and Bender, Benedict, "PUBLIC BLOCKCHAIN – A SYSTEMATIC LITERATURE REVIEW ON THE SUSTAINABILITY OF CONSENSUS ALGORITHMS" (2020). Research Papers . 202. https://aisel.aisnet.org/ecis2020_rp/202	AIS	4		**1.00**
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8	J. Lu, Z. Zhang, T. Hu, P. Yi and J. Lan, "A Survey of Controller Placement Problem in Software-defined Networking," in IEEE Access. doi: 10.1109/ACCESS.2019.2893283	IEEE Access	3		**5.33333**
9	A. Alshamrani, S. Guha, S. Pisharody, A. Chowdhary and D. Huang, "Fault Tolerant Controller Placement in Distributed SDN Environments," 2018 IEEE International Conference on Communications (ICC), Kansas City, MO, 2018, pp. 1-7. doi: 10.1109/ICC.2018.8422593	IEEE	3		**2.66667**
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12	Aoki, H., & Shinomiya, N. (2016, February). Controller placement problem to enhance performance in multi-domain SDN networks. In ICN (Vol. 120, p. 2016).		3		**1.33333**
13	P. D. Bhole and D. D. Puri, "Distributed Hierarchical Control Plane of Software Defined Networking," 2015 International Conference on Computational Intelligence and Communication Networks (CICN), Jabalpur, 2015, pp. 516-522. doi: 10.1109/CICN.2015.106 http://ieeexplore.ieee.org/abstract/document/7546147/references?ctx=references	IEEE	3		**2.66667**
14	He Li, R. E. De Grande and A. Boukerche, "An efficient CPP solution for resilience-oriented SDN controller deployment," 2017 IEEE International Parallel and Distributed Processing Symposium Workshops (IPDPSW), Lake Buena Vista, FL, 2017, pp. 540-549. doi: 10.1109/IPDPSW.2017.161	IEEE	3		**2.66667**
15	Controller Placement Algorithms in Software Defined Network - A Review of Trends and Challenges, Si-Kee Yoon, ZIA Khalib, N Yaakob, A Amir MATEC Web Conf. 140 01014 (2017) DOI: 10.1051/matecconf/201714001014		3		**1.33333**
16	Ali S. et al. (2017) Motivation of DDOS Attack-Aware Link Assignment between Switches to SDN Controllers. In: Wang G., Atiquzzaman M., Yan Z., Choo KK. (eds) Security, Privacy, and Anonymity in Computation, Communication, and Storage. SpaCCS 2017. Lecture Notes in Computer Science, vol 10656. Springer, Cham	ISI, Springer	3		**2.66667**
17	Dynamic Load-Balancing Vertical Control for Large-Scale Software-Defined Internet of Things L Zhang, X Zhong, Y Wei, K Yang - arXiv preprint arXiv:1712.10210, 2017 - arxiv.org		3		**1.33333**
18	高先明, 王宝生, 邓文平, 陶静. SDN 网络中控制器放置问题综述. 通信学报. 2017 Aug 25;38(7):155-64.		3		**1.33333**
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Articol citat	Multi-controller Scalability in Multi-domain Content Aware Networks Management. Eugen Borcoci, Mihai Constantinescu, Marius Vochin. Chamonix, France, The Tenth International Conference on Networking, ICNS 2014, pp. 62-68, ISSN: 2308-4006, ISBN: 978-1-61208-330-8.				
1	Kálmán, G., Orfanus, D., & Hussain, R. (2014). Overview and future of switching solutions for industrial ethernet. International Journal on Advances in Networks and Services Volume, 7.		3		**1.33333**
Articol citat	Borcoci, E., Ambarus, T., & Vochin, M. (2017). Distributed Control Plane Optimization in SDN-Fog VANET. In The International Symposium on Advances in Software Defined Networking and Network Functions Virtualization. Venice: IARIA. Retrieved from https://www.iaria.org/conferences2017/SOFTNETWORKING.html, Best Paper Award				
1	L. Chen, F. Tang and X. Li, "Mobility- and Load-Adaptive Controller Placement and Assignment in LEO Satellite Networks," IEEE INFOCOM 2021 - IEEE Conference on Computer Communications, 2021, pp. 1-10, doi: 10.1109/INFOCOM42981.2021.9488806.	IEEE	3		**2.66667**
2	Narayana, V.L. and Patibandla, R.S.M.L. (2021). An Efficient Fog-Based Model for Secured Data Communication. In Integration of Cloud Computing with Internet of Things (eds M. Mangla, S. Satpathy, B. Nayak and S.N. Mohanty), Wiley, https://doi.org/10.1002/9781119769323.ch3	Wiley	3		**2.66667**
3	Nadia Mouawad, SDN based Mobility Management and Quality of Service Provisioning for 5G Vehicular Networks, LI-PaRAD - Laboratoire d'Informatique Parallélisme Réseaux Algorithmes Distribués, 2020		3		**2.66667**
4	Muthanna, Ammar, et al. "Secure IoT Network Structure Based on Distributed Fog Computing, with SDN/Blockchain." (2019).		3		**1.33333**
5	Karima Smida, Hajer Tounsi, Mounir Frikha, Ye-Qiong Song, Software Defined Internet of Vehicles: a survey from QoS and scalability perspectives, Conference: 2019 15th International Wireless Communications and Mobile Computing Conference (IWCMC), Tangier, Morocco, 2019, pp. 1349-1354, DOI: 10.1109/IWCMC.2019.8766647	IEEE	3		**2.66667**
6	Khakimov A, Ateya AA, Muthanna A, Gudkova I, Markova E, Koucheryavy A. IoT-fog based system structure with SDN enabled. In Proceedings of the 2nd International Conference on Future Networks and Distributed Systems 2018 Jun 26 (p. 62). ACM.	ACM	3		**2.66667**
7	N. Mouawad, R. Naja and S. Tohme, "Optimal and Dynamic SDN Controller Placement," 2018 International Conference on Computer and Applications (ICCA), Beirut, 2018, pp. 1-9. doi: 10.1109/COMAPP.2018.8460361		3		**1.33333**

8	Bumgardner VC, Hickey C, Marek VW. Edge-enabled Distributed Network Measurement. In2018 IEEE International Conference on Pervasive Computing and Communications Workshops (PerCom Workshops) 2018 Mar 19 (pp. 524-529). IEEE, 10.1109/PERCOMW.2018.8480233	IEEE	3		**2.66667**
	A3.2.1 Prezentari invitate in plenul unor manifestari stiintifice internationale și profesor invitat				
1	Plenary Lecture: "Automotive Navigation Assistance Systems", 8th International Conference on AUTOMOTIVE and TRANSPORTATION SYSTEMS (ICAT '17), Brasov, Romania June 27-29, 2017				**10**
	A3.2.2 Prezentari invitate in plenul unor manifestari stiintifice nationale și profesor invitat				
1	Sistem inteligent monitorizare apicola, Targul Cercetatorilor - CNMB 100, ian 2020				**10**
	A3.3.1. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate - ISI *[punctaj unic 10/activitate]*				
1	Membru Reviewer Board al Remote Sensing, https://www.mdpi.com/journal/remotesensing/submission_reviewers				**10**
2	Membru Program Committee al conferintei 2021 Joint EuCNC & 6G Summit, https://www.eucnc.eu/technical-programme-committee/				**10**
3	Membru Program Committee al conferintei Worldcist 2021, http://www.worldcist.org/index.php/committees				**10**
4	Membru Program Committee al conferintei Worldcist 2020, http://www.worldcist.org/index.php/committees				**10**
5	Membru Program Committee al conferintei Worldcist 2019, http://www.worldcist.org/2019/index.php/committees				**10**
6	PC member The 2019 CLIMA Congress				**10**
7	Membru Program Committee al conferintei Worldcist 2018, http://www.worldcist.org/2018/index.php/committees				**10**
8	Membru Program Committe al conferintei Worldcist 2017, http://www.worldcist.org/2017/index.php/committees				**10**
9	Organizare workshop ERLANG 2018: ERLANG - Emerging Trends, Challenges and Solutions in Infrastructures and Smart Building Management				**10**
	A3.3.2. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate - BDI *[punctaj unic 6/activitate]*				
1	Membru Editorial Board al International Journal of Future Generation Communication and Networking (IJFGCN), https://nadiapub.com/journals/ijfgcn/ijfgcn-editorial-board/				6
2	Membru Editorial Board al American Journal of Networks and Communications, http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=132				**6**
	A3.3.2. Membru în colective de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, naţionale si internaționale neindexate *[punctaj unic 3/activitate]*				
1	Organizare si participare la 2 Workshop-uri in proiect SRSPIRIM si la 3 Workshop-uril in proiectul Pracsis.				**15**
	A3.4.1 Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale *[punctaj unic 15/activitate]*				
1	Eugen Borcoci, Marius Vochin, Serban Georgica Obreja, On Systematic Identification of Requirements for Vehicle-to-Everything 5G Slices, The Tenth International Conference on Mobile Services, Resources, and Users, held in Lisbon, Portugal during September 27 - October 01, 2020				**15**
2	Best Paper Award: "Multi-controller Scalability in Multi-domain Content Aware Networks Management", ICNS 2014, The Tenth International Conference on Networking and Services, held in Chamonix, France - April 20 - 24, 2014				**15**
3	Best Paper Award: "Quality of Service Assurance in Multi-domain Content-Aware Networks for Multimedia Applications", INTERNET 2014, The Sixth International Conference on Evolving Internet, held in Seville, Spain - June 22 - 26, 2014				**15**
4	Best Paper Award: "Distributed Control Plane Optimization in SDN-Fog VANET", The Sixteenth International Conference on Networks ICN 2017 April 23 - 27, 2017 - Venice, Italy https://www.iaria.org/conferences2017/awardsICN17/softnet2017_a2.pdf				**15**
5	Best Paper Award: Borcoci, E., Obreja, S., & Vochin, M. (2017). Internet of Vehicles Functional Architectures - Comparative Critical Study. The Ninth International Conference on Advances in Future Internet AFIN 2017, September 10 - 14, 2017 - Rome, Italy, Best Paper Award, ISSN: 2308-4340, ISBN: 978-1-61208-583-8.				**15**
	A3.4.2 Premii nationale in domeniu *[punctaj unic 5/activitate]*				
1	Premiul II la Sesiunea de Comunicari Stiintifice Studentesti E.T.T.I., mai 2009				**5**
	Total A3				**597.1**