Fisa de verificare a standardelor minimale stabilite prin OM nr. 6129/2016

Candidat **FOLEA Silviu-Corneliu**
Domeniul **Ingineria Sistemelor**

Nr. Crt	Domeniul activ.	Criteriu		Subcategorii		Indicatori (kpi)	Numar	Punctaj
1	Activitatea didactica si profesionala (A1)	Cărţi de autor sau capitole [1] de specialitate la edituri cu ISBN		A1.1.1.	Internationale	50/nr autori sau 100/nr. autori cu condiţia[2]	1	5.00
				A1.1.2	Nationale	50/nr autori	1	16.67
		Material didactic/Lucrări didactice publicate la edituri cu ISBN		A1.2.1		40/nr autori	0	0.00
						Total punctaj A(1)		**21.67**
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI, şi lucrări în volumele unor manifestări ştiinţifice indexate ISI		A2.1		(25+ 30 * factor impact [3]) / nr. de autori	24	391.51
		Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale recunoscute (BDI)[4]		A2.2		20 / nr. de autori	1	4.00
		Proprietate intelectiala, brevete de inventie, certificate ORDA		A2.3.1	Internationale [5]	35 / nr. de autori	0	0.00
				A2.3.2	nationale	25 / nr. de autori	0	0.00
		Granturi/proiecte de cercetare câştigate pin competiţie [6] sau Contracte cu agenţi economici, în valoare de minimum 10.000 dolari USA echivalent încasaţi [6]	Director / responsabil	A2.4.1.1	Internationale	20 * ani de desfasurare	0	0.00
				A2.4.1.2	nationale	10 * ani de desfasurare	0	0.00
			Membru in echipa	A2.4.2.1	Internationale	4 * ani de desfasurare	3	10.00
				A2.4.2.2	nationale	2 * ani de desfasurare	22	10.00
						Total punctaj A(2)		**415.51**
3	Recunoasterea si impactul activitatii (A3)	Citari [7] in carti, reviste si volume ale unor manifestari stiintifice		A3.1.1	carti, ISI [8]	8 / nr aut art. citat	151	555.47
				A3.1.2	BDI [4]	4 / nr aut art. citat	84	103.53
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, ISI [9]	Punctaj unic pentru fiecare activitate	A3.2		10	0	0.00
		Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate BDI [4]	Punctaj unic pentru fiecare activitate	A3.3		6	0	0.00
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaţionale de prestigiu.		A3.4		15	1	0.00
						Total punctaj A(3)		**659.00**

Conditii minimale							
Nr.	**Domeniu de activitate (A)**	**Conferentiar**	**CSII**	**Profesor**	**CSI**	**Realizat**	
A1	**Activitatea didactica / profesionala (A1)**	50	Fără restricţi	100	Fără restricţi	**21.67**	
A2	**Activitatea de cercetare (A2)**	300	350	600	700	**415.51**	
A3	**Recunoasterea impactului activitatii (A3)**	50	50	150	150	**659.00**	
Total (A)		**400**	**400**	**850**	**850**	**1096.18**	
Conditii minimale obligatorii pe subcategorii		**Conferentiar**	**CSII**	**Profesor**	**CSI**	**Realizat**	
A1.1.1.-A1.1.2	**Carti si capitole in carti de specialitate**	1	1	1	1	**2.00**	
A2.1.	**Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings**	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	6 din care minimum 1 în reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	15 din care minimum 3 în reviste cotate ISI Q1 sau Q2[10]	**24.00**	
A2.4.1	**Granturi/proiecte castigate prin competitie (Director/ responsabil) sau contracte cu agentii economici in valoare de minim 10.000 de USD sau echivalent incasati**	1	2	2	4	**0.00**	
A3.1.1	**Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI [11]**	10	10	25	25	**151.00**	
	Factor de impact ISI cumulat pentru publicaţii [12]	4	4	10	20	**30.06**	
	Nr Minim Reviste ISI in zona Q1/Q2	1	1	3	3	**7.00**	6 [Q1] +1 [Q2] +2 [Q3]

Candidat FOLEA Silviu-Corneliu

Data **26.10.2020**

h-index
Web of Science = **7**
Scopus = **9**
Google Academic = **16**

Anexa: datele pentru calculul indeplinirii criteriilor

A1.1.1.-A1.1.2. Carti, monografii, capitole ca autor, internationale si nationale

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Punctaj	
1	1. G. Moiş, H. Hedeşiu, S. Folea	Digital Design Laboratory using LabVIEW™, 256 pg., ISBN 978-973-713-353-3	Mediamira, Cluj-Napoca	2020	16.67	
2	C.I. Muresan, R. De Keyser, I.R. Birs, S. Folea, O. Prodan	"An Autotuning Method for a Fractional Order PD Controller for Vibration Suppression" In: Taş K., Baleanu D., Machado J. (eds) Mathematical Methods in Engineering. Nonlinear Systems and Complexity, vol 24. Springer, Cham.	The Institution of Engineering and Technology	2019	5.00	[2]
				Total	21.67	

A1.2.1. Materiale didactice

Nr.	Autori	Titlu capitol / carte	Editura	Anul	Punctaj
1					0.00
				Total	0.00

A2.1. Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings

Nr.	Autori	Titlu articol	Factor Impact	Nr. Aut	Punctaj		
1	**S.C. Folea**, G.D. Mois	"Lessons Learned from the Development of Wireless Environmental Sensors," in *IEEE Transactions on Instrumentation and Measurement* , vol. 69/6, pp. 3470-3480, DOI: 10.1109/TIM.2019.2938137, June 2020, **ISI Journal**.	3.067	2	58.51	Q1	Scopus
2	1. Birs, I.; **Folea, S.**; Prodan, O.; Dulf, E.; Muresan, C.,	"An Experimental Tuning Approach of Fractional Order Controllers in the Frequency Domain." Applied Science, vol. 10, pp. 2379, https://doi.org/10.3390/app10072379, March 2020, **ISI Journal**.	2.287	5	18.72	Q1	Scopus

3	T. Sanislav, S. Zeadally, G.D. Mois, **S.C. Folea**	"Wireless energy harvesting: Empirical results and practical considerations for Internet of Things," in *Journal of Network and Computer Applications* , vol. 121, pp. 149-158, ISSN 1084-8045, https://doi.org/10.1016/j.jnca.2018.08.002, 2018, **ISI Journal**.	5.273	4	45.80	Q1	Scopus	
4	C.I. Muresan, I.R. Birs, **S. Folea** and C. Ionescu	"Fractional order based velocity control system for a nanorobot in non-Newtonian fluids", BULLETIN OF THE POLISH ACADEMY OF SCIENCES TECHNICAL SCIENCES, Vol. 66, No. 6, 2018 DOI: 10.24425/bpas.2018.125946, **ISI Journal**.	1.277	5	12.66	Q2		
5	Muresan, C. I., Ionescu, C. M., Dulf, E. H., Rusu-Both, R. and **Folea, S.**	"Advantage of Low-Cost Predictive Control: Study Case on a Train of Distillation Columns," *Chemical Engineering & Technology,* 41: 1936-1948, 2018, doi:10.1002/ceat.201700529, **ISI Journal**.	2.418	5	19.51	Q3	Scopus	
6	G.D. Mois, T. Sanislav, **S.C. Folea**, S. Zeadally	"Performance Evaluation of Energy-Autonomous Sensors Using Power-Harvesting Beacons for Environmental Monitoring in Internet of Things (IoT)," *Sensors* , Vol. 18, Issue: 6, Article Number: 1709, doi:10.3390/s18061709, http://www.mdpi.com/1424-8220/18/6/1709, **ISI Journal**.	3.031	4	28.98	Q1	Scopus	
7	C.I. Muresan, **S. Folea**, I.R. Birs, C. Ionescu	"A novel fractional-order model and controller for vibration suppression in flexible smart beam," *Nonlinear Dynamics* , 93:525–541, 9 March 2018, **ISI Journal**.	4.604	4	40.78	Q1	Scopus	
8	**S. Folea**, R. De Keyser, I.R. Birs, C.I. Muresan, C.I. Ionescu	"Discrete-Time Implementation and Experimental Validation of a Fractional Order PD Controller for Vibration Suppression in Airplane Wings," *Acta Polytechnica Hungarica* , vol. 14, no. 1, pp. 191-206, **ISI Journal**.	1.286	5	12.72	Q3	Scopus	OA
9	G. Mois, **S. C. Folea** and T. Sanislav	"Analysis of Three IoT-Based Wireless Sensors for Environmental Monitoring," in *IEEE Transactions on Instrumentation and Measurement* , vol. 66, Issue: 8, Pages: 2056-2064, Aug 2017, **ISI Journal**.	3.067	3	39.00	Q1	Scopus	
10	A. Puscasiu, A. Fanca, D.I. Gota, S. Folea, H. Valean	"A Survey on Distributed Greenhouse Gases Monitoring Systems", (IJACSA) *International Journal of Advanced Computer Science and Applications* , Vol. 10, No. 11, pp. 300-304, 2019	0.25	4	8.13			OA
11	A. Fanca, A. Puscasiu, H. Valean, S. Folea	"A Survey on Smartphone-Based Accident Reporting and Guidance Systems", *(IJACSA) International Journal of Advanced Computer Science and Applications* , Vol. 9, Issue: 9, Pages: 409-414, SEP 2018.	0.25	4	8.13			OA
12	I. Birs, C. Muresan, I. Nascu, S. Folea and C. Ionescu	"Experimental results of fractional order PI controller designed for second order plus dead time (SOPDT) processes," 2018 15th International Conference on Control, Automation, Robotics and Vision (ICARCV), Singapore, 2018, pp. 1143-1147.	0.25	5	6.50		Scopus	
13	I. Birs, C. Muresan, O. Prodan, S. Folea, C. Ionescu	"Analytical modeling and preliminary fractional order velocity control of a small scale submersible", SICE International Symposium on Control Systems (SICE ISCS), IEEE, Pages: 165-170, 2018, Proceedings Paper.	0.25	5	6.50		Scopus	
14	A. Fanca, A. Puscasiu, S. Folea, H. Valean	"Trauma Accident Detecting and Reporting System", 21st IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR THETA), MAY 24-26, 2018, Proceedings Paper.	0.25	4	8.13		Scopus	
15	A. Puscasiu, A. Fanca, H. Valean, S. Folea	"Traffic control using distributed greenhouse gases measurements", 21st IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR THETA), MAY 24-26, 2018, Proceedings Paper.	0.25	4	8.13		Scopus	
16	I. Birs, C. Muresan, O. Prodan, S. Folea, C. Ionescu	"Structural vibration attenuation using a fractional order PD controller designed for a fractional order process", 3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control (PID), Vol. 51, Issue: 4, Pages: 533-538, MAY 09-11, 2018, Ghent Univ, Ghent, BELGIUM, Proceedings Paper.	0.25	5	6.50		Scopus	
17	I. Birs, C. Muresan, S. Folea, O. Prodan	"An Experimental Nanomedical Platform for Controller Validation on Targeted Drug Delivery," Australian and New Zealand Control Conference (ANZCC), 17-20 December 2017, Gold Coast, Australia.	0.25	4	8.13		Scopus	
18	C. Muresan, S. Folea, I. Birs, C. Ionescu	"Fractional Order Modeling and Control of a Smart Beam", 1st Annual IEEE Conference on Control Technology and Applications, IEEE, Pages: 1517-1523, 2017, Proceedings Paper.	0.25	4	8.13		Scopus	
19	D. Mois, Z. Szilagyi, T. Sanislav, S. Folea	"An HTTP-Based Environmental Monitoring System using Power Harvesting", 21st International Conference on System Theory, Control and Computing (ICSTCC), Pages: 845-848, 2017, Sinaia, ROMANIA, Proceedings Paper.	0.25	4	8.13		Scopus	
20	A. Puscasiu, S. Folea, H. Valean, A. Fanca, T. Sanislav	"Monitoring The On-Site Contribution To The Greenhouse Effect By Distributed Measurement Of Carbon Dioxide", 18th International Carpathian Control Conference (ICCC), Pages: 40-45, 2017, Sinaia, ROMANIA, Proceedings Paper.	0.25	5	6.50		Scopus	
21	I. Birs, S. Folea, C. Muresan	"An Optimal Fractional Order Controller for Vibration Attenuation", 25th Mediterranean Conference on Control and Automation (MED), IEEE, Book Series: Mediterranean Conference on Control and Automation, Pages: 828-832, 2017, Valletta, MALTA, Proceedings Paper.	0.25	3	10.83		Scopus	
22	I. Birs, S. Folea, F. Ionescu, O. Prodan, C. Muresan	"Preliminary results and simulation of an active pendulum system for a three floor building", 10th International Conference on Structural Dynamics (EURODYN), Procedia Engineering, Vol. 199, Pages: 1647-1652, DOI: 10.1016/j.proeng.2017.09.088, 2017 , Proceedings Paper.	0.25	5	6.50		Scopus	OA
23	C. Avram, S. Folea, D. Radu, A. Astilean	"Wireless radiation monitoring system", Proceedings - 31st European Conference on Modelling and Simulation, ECMS 2017, pg. 416-422, Budapesta, 2017, Proceedings Paper.	0.25	4	8.13		Scopus	
24	IR Birs, S Folea, D Copot, O Prodan, CI Muresan	"Comparative analysis and exprimental results of advanced control strategies for vibration suppression in aircraft wings", Journal of Physics: Conference Series 783 (1), 012054, Proceedings Paper.	0.25	5	6.50		Scopus	OA
		Factor impact cumulat	30.060					
		Total punctaj A2.1.			**391.51**			

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)

Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. Autori	Punctaj
1	I. Birs, C. Muresan, S. Folea, O. Prodan, and C. Ionescu	Fractional Order Modeling and Control of a Carrier Prototype for Targeted Drug Delivery. In Proceedings of the 2018 2nd International Conference on Computational Biology and Bioinformatics (ICCBB 2018). ACM, New York, NY, USA, 1-5.	Scopus, ACM	5	4.00

Total punctaj A2.2. **4.00**

A2.3.1., A2.3.2. Proprietate intelectiala, brevete de inventie internationale si nationale

Nr.	Autori	Denumire brevet	Tip: nat / internat.	Nr. Autori	Punctaj
1					0.00
		Factor impact cumulat	**0**		
		Total punctaj A2.3.1			**0.00**
		Total punctaj A2.3.2			**0.00**

A2.4.1.1., A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1					
		Total punctaj A2.4.1			**0**

A2.4.2.1., A2.4.2.2. Granturi/proiecte castigate prin competitie: membru in echipa

Nr.	Tip: nat / internat.	Denumire proiect	Perioada	Nr. Ani	Punctaj
1	National	"Prototip scalabil de nanorobot in fluide non-Newtoniene folosind model si control de ordin fractionar", 92PED/2017, Muresan Cristina	2017-2018	2	4
2	National	"Sisteme inteligente privind siguranța populației prin controlul și reducerea expunerii la radon corelate cu optimizarea eficienței energetice a locuințelor din aglomerări urbane importante din România", ID 37_229 SMART_RAD_EN, POC-A1-A1.1.4-E-2015	2016-2020 (2016)	1	2
3	National	Noi Strategii de Control de Ordin Fractionar pentru Atenuarea Vibratiilor in Flancul Avioanelor, TE 86/2015, Muresan Cristina	2015-2017	2	4
		Total punctaj A2.4.1			**10**

A3.1.1. Citari in carti, reviste si volume ale unor manifestari stiintifice (carti, ISI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj	
1	Birs, I., Muresan, C., Nascu, I., Folea, S., & Ionescu, C. (2018, November). Experimental results of fractional order PI controller designed for second order plus dead time (SOPDT) processes. In 2018 15th International Conference on Control, Automation, Robotics and Vision (ICARCV) (pp. 1143-1147). IEEE.	Birs, I., Muresan, C., Nascu, I., & Ionescu, C. (2019). A Survey of Recent Advances in Fractional Order Control for Time Delay Systems. *IEEE Access* , 7, 30951-30965.	5	3.20	Q1
2	Sanislav, T., Zeadally, S., Mois, G. D., & Folea, S. C. (2018). Wireless energy harvesting: Empirical results and practical considerations for Internet of Things. Journal of Network and Computer Applications, 121, 149-158.	Chowdhury, A., Raut, S. A., & Narman, H. S. (2019). DA-DRLS: Drift adaptive deep reinforcement learning based scheduling for IoT resource management. *Journal of Network and Computer Applications* .	4	4.00	Q1
3	Muresan, C. I., Ionescu, C. M., Dulf, E. H., Rusu-Both, R., & Folea, S. (2018). Advantage of Low-Cost Predictive Control: Study Case on a Train of Distillation Columns. Chemical Engineering & Technology, 41(10), 1936-1948.	Maxim, A., Ferracuti, R., & Ionescu, C. M. (2019). A Theoretical Framework to Determine RHP Zero Dynamics in Sequential Interacting Sub-Systems. *Algorithms* , 12(5), 102.	5	1.60	ISI
4	Muresan, C. I., Folea, S., Birs, I. R., & Ionescu, C. (2018). A novel fractional-order model and controller for vibration suppression in flexible smart beam. Nonlinear Dynamics, 1-17.	Zorić, N. D., Tomović, A. M., Obradović, A. M., Radulović, R. D., & Petrović, G. R. (2019). Active vibration control of smart composite plates using optimized self-tuning fuzzy logic controller with optimization of placement, sizing and orientation of PFRC actuators. *Journal of Sound and Vibration* .	4	4.00	Q1
5	Moiș, G., Sanislav, T., Folea, S., & Zeadally, S. (2018). Performance Evaluation of Energy-Autonomous Sensors Using Power-Harvesting Beacons for Environmental Monitoring in Internet of Things (IoT). Sensors, 18(6), 1709.	Rajasekaran, M., Yassine, A., Hossain, M. S., Alhamid, M. F., & Guizani, M. (2019). Autonomous monitoring in healthcare environment: Reward-based energy charging mechanism for IoMT wireless sensing nodes. *Future Generation Computer Systems* , 98, 565-576.	4	4.00	Q1
6		Senthilkumar, R., & Tamilselvan, G. M. (2018). Design of a Hybrid Accumulator Architecture for Harvesting and Storing of Power in WSN using an Adaptive Power Organizing Algorithm. *Journal of Circuits, Systems and Computers* , 1950130.	4	2.00	Q4
7	POP, A. F., Puscasiu, A., Folea, S., & Vălean, H. (2018, May). Trauma accident detecting and reporting system. In 2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR) (pp. 1-5). IEEE.	Bhatti, F., Shah, M. A., Maple, C., & Islam, S. U. (2019). A novel internet of things-enabled accident detection and reporting system for smart city environments. *Sensors* , 19(9), 2071.	4	4.00	Q2
8		Dar, B. K., Shah, M. A., ul Islam, S., Maple, C., Mussadiq, S., & Khan, S. (2019). Delay-Aware Accident Detection and Response System using Fog Computing. *IEEE Access* .	4	4.00	Q1
9	Birs, I., Muresan, C., Prodan, O., Folea, S., & Ionescu, C. (2018, March). Analytical modeling and preliminary fractional order velocity control of a small scale submersible. In 2018 SICE International Symposium on Control Systems (SICE ISCS) (pp. 157-162). IEEE.	Kapoulea, S., Psychalinos, C., & Elwakil, A. S. (2018). Single active element implementation of fractional-order differentiators and integrators. *AEU-International Journal of Electronics and Communications* , 97, 6-15.	5	3.20	Q2

10	Birs, I. R., Muresan, C. I., Folea, S., & Prodan, O. (2017, December). An experimental nanomedical platform for controller validation on targeted drug delivery. In 2017 Australian and New Zealand Control Conference (ANZCC) (pp. 161-165). IEEE.	Kapoulea, S., Psychalinos, C., & Elwakil, A. S. (2018). Single active element implementation of fractional-order differentiators and integrators. *AEU-International Journal of Electronics and Communications* , 97, 6-15.	4	4.00	Q2
11	Muresan, C. I., Folea, S., Birs, I. R., & Ionescu, C. M. (2017, August). Fractional order modeling and control of a smart beam. In 2017 IEEE Conference on Control Technology and Applications (CCTA) (pp. 1517-1523). IEEE.	Markowski, K. A., Birs, I., Muresan, C. I., & Prodan, O. (2018). Different fractional order models for an experimental smart beam system. *Bulletin of the Polish Academy of Sciences: Technical Sciences* .	4	4.00	Q2
12	G. Mois, S. C. Folea and T. Sanislav, "Analysis of Three IoT-Based Wireless Sensors for Environmental Monitoring," in IEEE Transactions on Instrumentation and Measurement, vol. 66, Issue: 8, Pages: 2056-2064, Aug 2017.	Rajasekaran, M., Yassine, A., Hossain, M. S., Alhamid, M. F., & Guizani, M. (2019). Autonomous monitoring in healthcare environment: Reward-based energy charging mechanism for IoMT wireless sensing nodes. *Future Generation Computer Systems* , 98, 565-576.	3	5.33	Q1
13		Sayed, S., Hussain, T., Gastli, A., & Benammar, M. (2019). Design and realization of an open-source and modular smart meter. Energy Science & Engineering.	3	5.33	Q2
14		Rabby, M. K. M., Alam, M. S., & Shawkat, M. S. A. (2019). A priority based energy harvesting scheme for charging embedded sensor nodes in wireless body area networks. *PloS one* , 14(4), e0214716.	3	5.33	Q1
15		Tsai, Y. T., Jhu, W. Y., Chen, C. C., Kao, C. H., & Chen, C. Y. (2019). Unity game engine: interactive software design using digital glove for virtual reality baseball pitch training. *Microsystem Technologies* , 1-17.	3	2.67	Q3
16		Sardar, S., Mishra, A. K., & Khan, M. Z. A. (2019). Performance Evaluation of LTE-CommSense System for Discriminating the Presence of Multiple Objects in Outdoor Environment. *IEEE Transactions on Instrumentation and Measurement* .	3	5.33	Q1
17		Zhang, Y., Tian, G., Zhang, S., & Li, C. (2019). A Knowledge-Based Approach for Multiagent Collaboration in Smart Home: From Activity Recognition to Guidance Service. *IEEE Transactions on Instrumentation and Measurement* .	3	5.33	Q1
18		Tong, J., Cui, M., Tian, M., & He, Y. (2018). Surrogate Model-Based Energy-Efficient Scheduling for LPWA-Based Environmental Monitoring Systems. *IEEE Access* , 6, 59940-59948.	3	5.33	Q1
19		Urmonov, O., & Kim, H. (2018). An energy-efficient fail recovery routing in TDMA MAC protocol-based wireless sensor network. *Electronics* , 7(12), 444.	3	5.33	Q2
20		Yang, Z., Zarabi, S., Fernandes, E., Rua-Taborda, M. I., Debéda, H., Salehian, A., ... & Wei, L. (2018). A Simple Wireless Sensor Node System for Electricity Monitoring Applications: Design, Integration, and Testing with Different Piezoelectric Energy Harvesters. *Sensors* , 18(11), 3733.	3	5.33	Q2
21		Giri, P., Ng, K., & Phillips, W. (2018). Wireless Sensor Network System for Landslide Monitoring and Warning. *IEEE Transactions on Instrumentation and Measurement* , (99), 1-11.	3	5.33	Q1
22		Sayed, M., Nemitz, M., Aracri, S., McConnell, A., McKenzie, R., & Stokes, A. (2018). The Limpet: A ROS-Enabled Multi-Sensing Platform for the ORCA Hub. *Sensors* , 18(10), 3487.	3	5.33	Q2
23		Zhao, Z., Wang, X., & Wang, T. (2018). A Novel Measurement Data Classification Algorithm Based on SVM for Tracking Closely Spaced Targets. *IEEE Transactions on Instrumentation and Measurement* , (99), 1-12.	3	5.33	Q1
24		Misra, S., Mukherjee, A., & Roy, A. (2018). Knowledge discovery for enabling smart Internet of Things: A survey. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery* , 8(6), e1276.	3	5.33	Q2
25		Fernández, M., Guerra, D., Gil, U., Peña, I., & Arrinda, A. (2018). Measurement Methodology for Determining the Optimal Frequency Domain Configuration to Accurately Record WiFi Exposure Levels. *IEEE Transactions on Instrumentation and Measurement* , (99), 1-11.	3	5.33	Q1
26		Cerro, G., Ferdinandi, M., Ferrigno, L., Laracca, M., & Molinara, M. (2018). Metrological Characterization of a Novel Microsensor Platform for Activated Carbon Filters Monitoring. *IEEE Transactions on Instrumentation and Measurement* , (99), 1-12.	3	5.33	Q1
27		Pawar, S. C., & Awati, J. S. (2018). ENVIRONMENT MONITORING SYSTEM IN CHEMISTRY LABORATORY. *ENVIRONMENT* .	3	5.33	Q2
28		Lee, H. C., & Ke, K. H. (2018). Monitoring of Large-Area IoT Sensors Using a LoRa Wireless Mesh Network System: Design and Evaluation. *IEEE Transactions on Instrumentation and Measurement* .	3	5.33	Q1
29		Jawad, H., Nordin, R., Gharghan, S., Jawad, A., & Ismail, M. (2017). Energy-efficient wireless sensor networks for precision agriculture: A review. *Sensors* , 17(8), 1781.	3	5.33	Q2
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		Total punctaj A3.1.1.		**555.47**	

A3.1.2. Citari in carti, reviste si volume ale unor manifestari stiintifice (BDI)

Nr.	Articol citat	Articol care citeaza	Numar autori art.citat	Punctaj
1	Fanca, A., Puscasiu, A., Valean, H., & Folea, S. (2018). A survey on Smartphone-Based Accident Reporting and Guidance Systems. International Journal of Advanced Computer Science and Applications, 9(9), 409-414.	Fanca, A., Puscasiu, A., Gota, D. I., & Valean, H. (2018, November). Evaluating Data Accuracy of Built-In Smartphone Sensors for Mobile Applications. In 2018 26th Telecommunications Forum (TELFOR) (pp. 1-4). IEEE.	4	1.00
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		Total punctaj A3.1.2.		**103.53**

A3.4. Premii in domeniu ... si premii internationale de prestigiu

Nr.	Anul	Descriere premiu	Punctaj
		Total punctaj A3.4.	**0**

Candidat FOLEA Silviu-Corneliu

Data **26.10.2020**