

**Fisa de verificare a standardelor minime pentru gradul de profesor stabilite
prin OM nr. 6129/2016**

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	Domeniul: Calculatoare, tehnologia informației și ingineria sistemelor (Comisia 15)			
	Condiții minime [punctaj]	Minim prevăzut	Realizat	
	A1 - Activitatea didactică și profesională	100	108.13	
	A2 - Activitatea de cercetare	600	1292.45	
	A3 - Recunoașterea și impactul activității	150	1064.67	
	Total	850.00	2465.24	
	Condiții minime obligatorii pe subcategorii [Număr]			
	A1.1.1 - A1.1.2 Cărți de specialitate	1	2	
	A2.1 Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	15 din care minim 3 în reviste cotate ISI Q1 sau Q2	46 din care 13 în reviste cotate ISI Q1 sau Q2	
	A2.4.1 Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	2	2	
	A3.1.1 Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS)	25	> 204	
	Factor de impact cumulat pentru publicații	10	66.74	
	Punctaj pe subcategorii [punctaj]		Realizat	
	A1.1.1 Cărți și capitole în cărți de specialitate în edituri internaționale recunoscute		28.13	
	A1.2.1. Material didactic / Lucrări didactice		80.00	
	A2.1 Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI		1156.61	
	A2.2 Articole în reviste cotate și în volumele unor manifestări științifice indexate în baze de date internaționale (BDI)		32.33	
	A2.4.1.2 Granturi / proiecte naționale câștigate prin competiție - Director/ responsabil		43.33	
	A2.4.2.2 Granturi / proiecte naționale câștigate prin competiție - Membru în echipă		60.17	
	A3.1.1. Citări în cărți, reviste și volume ale manifestărilor științifice (ISI)		1064.67	

	A1.1.1 Cărți și capitole în cărți de specialitate în edituri internaționale recunoscute			
Nr. Crt.	Articol	Nr. Autori	Punctaj	link
1	I. Ungurean , C. Turcu, V. Gaitan and V. Popa, An RFID-Based Anti-Counterfeiting Track and Trace Solution, Designing and Deploying RFID Applications, Cristina Turcu (Ed.), ISBN: 978-953-307-265-4, pp. 251-266, 2011, InTech, Available from: https://www.intechopen.com/chapters/18096	4	3.125	https://www.intechopen.com/chapters/18096
2	Vasile Gheorghîță Găitan, Cristina-Nicoleta Găitan, Ioan Ungurean , Valentin Popa, “Utilizarea specificațiilor OPC DA pentru implementarea aplicațiilor distribuite de tip SCADA”, - Cernăuți: DrukArt, 2013. - XX, 348 p., ISBN 978-966-2021-69-1	4	12.500	http://irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv/cgiirbis_64.exe?Z21ID=&I21DBN=EC&P21DBN=EC&S21STN=1&S21REF=10&S21FMT=fullwebr&C21COM=S&S21CNR=20&S21P01=0&S21P02=0&S21P03=A=&S21COLORTERMS=1&S21STR=%D0%9F%D0%BE%D0%BF%D0%B0%20%D0%92\$
3	Nicoleta-Cristina GĂITAN, Vasile Gheorghîță GĂITAN, Ioan UNGUREAN , Valentin POPA – „Utilizarea specificațiilor OPC DA pentru implementarea aplicațiilor distribuite de tip SCADA- implementare, utilizare, Editura DrukArt, Cernăuți, Ucraina, 2014, ISBN 978-617-7172-20-7.	4	12.500	http://irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv/cgiirbis_64.exe?Z21ID=&I21DBN=EC&P21DBN=EC&S21STN=1&S21REF=10&S21FMT=fullwebr&C21COM=S&S21CNR=20&S21P01=0&S21P02=0&S21P03=A=&S21COLORTERMS=1&S21STR=%D0%9F%D0%BE%D0%BF%D0%B0%20%D0%92\$
			28.125	

	A1.2.1. Material didactic / Lucrări didactice			
Nr. Crt.	Articol	Nr. Autori	Punctaj	link
1	Ioan Ungurean , Nicoleta-Cristina Gaitan, "Sisteme in timp real", ISBN: 978-606-25-0468-7, MATRIXROM 2019	2	20.000	https://www.matrixrom.ro/?s=ioan+ungurean
2	Ioan Ungurean , „Sisteme de operare. Indrumar de laborator”, ON-LINE, Editura Universității “Ștefan cel Mare” Suceava, 2022, ISBN: 978-973-666-722-0	1	40.000	https://drive.google.com/drive/u/1/folders/1LDRY7hQSPrTHvuHTFX-yPCzzHg7Y8dxq
3	Ioan Ungurean , Nicoleta-Cristina Gaitan, "Internetul obiectelor. Aplicații practice utilizând BeagleBone Black, module de extensie Click Boards și platforma IoT thingier.io", ISBN: 978-606-25-0725-1, MATRIXROM 2022	2	20.000	https://www.matrixrom.ro/?s=ioan+ungurean
			80.000	

	A2.1 Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI							
Nr. Crt.	Articol	An publicare	Factor Impact - anul publicării/2023	Q1/Q2	Nr. Autori	Punctaj	doi	WOS
1	I. Ungurean and N. C. Gaitan, "A Dynamic IIoT Framework Based on the Publish-Subscribe Paradigm" Sensors 23, no. 24: 9829, 2023 https://doi.org/10.3390/s23249829	2023	3.4	Q2	2	63.500	https://doi.org/10.3390/s23249829	https://www.webofscience.com/wos/woscc/full-record/WOS:001130849500001
2	Haiqing Yao, Qian Zhang, Xiuwen Fu, Yongsheng Yang, Ioan Ungurean, "Charger and receiver deployment for trajectory coverage with delay constraint in mobile wireless rechargeable sensor networks", Ad Hoc Networks, Volume 149, 2023, 103237, ISSN 1570-8705, https://doi.org/10.1016/j.adhoc.2023.103237	2023	4.4	Q1	5	31.400	https://doi.org/10.1016/j.adhoc.2023.103237	https://www.webofscience.com/wos/woscc/full-record/WOS:001030006400001
3	N. C. Gaitan, I. Ungurean, G. Corotinschi, and C. Roman, "An Intelligent Energy Management System Solution for Multiple Renewable Energy Sources" Sustainability 15, no. 3: 2531, 2023, https://doi.org/10.3390/su15032531	2023	3.3	Q2	4	31.000	https://doi.org/10.3390/su15032531	https://www.webofscience.com/wos/woscc/full-record/WOS:000929505300001
4	N. C. Gaitan, I. Ungurean, C. Roman, and C. Francu, "An Optimizing Heat Consumption System Based on BMS," Applied Sciences, vol. 12, no. 7, p. 3271, Mar. 2022, doi: 10.3390/app12073271. [Online]. Available: http://dx.doi.org/10.3390/app12073271	2022	2.7	Q1	4	26.500	http://dx.doi.org/10.3390/app12073271	https://www.webofscience.com/wos/woscc/full-record/WOS:000781487000001
5	M. Feng, H. Yao, and I. Ungurean, "A Roadside Unit Deployment Optimization Algorithm for Vehicles Serving as Obstacles," Mathematics, vol. 10, no. 18, p. 3282, Sep. 2022, doi: 10.3390/math10183282. [Online].	2022	2.4	Q1	3	32.333	http://dx.doi.org/10.3390/math10183282	https://www.webofscience.com/wos/woscc/full-record/WOS:000856826200001
6	Naveed Ahmad, Basit Shahzad, Muhammad Arif, Diana Idrui, Ioan Ungurean, Oana Geman, "An Energy-Efficient Framework for WBAN in Health Care Domain", Journal of Sensors, vol. 2022, Article ID 5823461, 11 pages, 2022.	2022	1.9		6	13.667	https://doi.org/10.1155/2022/5823461	https://www.webofscience.com/wos/woscc/full-record/WOS:000772983200003
7	Haiqing Yao, Chaoqun Zheng, Xiuwen Fu, Yongsheng Yang, Ioan Ungurean, "Charger and receiver deployment with delay constraint in mobile wireless rechargeable sensor networks", Ad Hoc Networks, Volume 126, 2022, 102756, ISSN 1570-8705	2022	4.8	Q1	5	33.800	https://doi.org/10.1016/j.adhoc.2021.102756	https://www.webofscience.com/wos/woscc/full-record/WOS:000753443600003
8	M. Arif, V. D. Kumar, L. Jayakumar, I. Ungurean, D. Idrui, and O. Geman, "DAHP-TOPSIS-Based Channel Decision Model for Co-Operative CR-Enabled Internet on Vehicle (CR-IoV)," Sustainability, vol. 13, no. 24, p. 13966, Dec. 2021, doi: 10.3390/su132413966. [Online]. Available: http://dx.doi.org/10.3390/su132413966	2021	3.889	Q2	6	23.612	https://doi.org/10.3390/su132413966	https://www.webofscience.com/wos/woscc/full-record/WOS:000737446400001
9	I. Ungurean and N. C. Gaitan, "Software Architecture of a Fog Computing Node for Industrial Internet of Things," Sensors, vol. 21, no. 11, p. 3715, May 2021, doi: 10.3390/s21113715. [Online]. Available: http://dx.doi.org/10.3390/s21113715	2021	3.847	Q2	2	70.205	http://dx.doi.org/10.3390/s21113715	https://www.webofscience.com/wos/woscc/full-record/WOS:000660652800001
10	N. C. Gaitan and I. Ungurean, "BACnet Application Layer over Bluetooth—Implementation and Validation," Sensors, vol. 21, no. 2, p. 538, Jan. 2021, doi: 10.3390/s21020538. [Online]. Available: http://dx.doi.org/10.3390/s21020538	2021	3.847	Q2	2	70.205	https://doi.org/10.3390/s21020538	https://www.webofscience.com/wos/woscc/full-record/WOS:000611698400001
11	H. Yao, X. Fu, Y. Yang, Ioan Ungurean and O. Postolache, "An Efficient Multi-constraint Relay Deployment Strategy for Wireless Sensor Network," Wireless Pers Commun 118, 2423–2444 (2021). https://doi.org/10.1007/s11277-021-08133-8	2021	2.017		5	17.102	https://doi.org/10.1007/s11277-021-08133-8	https://www.webofscience.com/wos/woscc/full-record/WOS:000616482100002
12	I. Ungurean and N. C. Gaitan, "A Software Architecture for the Industrial Internet of Things—A Conceptual Model," Sensors, vol. 20, no. 19, p. 5603, Sep. 2020, doi: 10.3390/s20195603. [Online]. Available: http://dx.doi.org/10.3390/s20195603	2020	3.576	Q2	2	66.140	https://doi.org/10.3390/s20195603	https://www.webofscience.com/wos/woscc/full-record/WOS:000586735900001
13	I. Ungurean, "Timing Comparison of the Real-Time Operating Systems for Small Microcontrollers," Symmetry, vol. 12, no. 4, p. 592, Apr. 2020, doi: 10.3390/sym12040592. [Online]. Available: http://dx.doi.org/10.3390/sym12040592	2020	2.713	Q2	1	106.390	https://doi.org/10.3390/sym12040592	https://www.webofscience.com/wos/woscc/full-record/WOS:000540222200103
14	O. Geman, I. Chiuchisan, I. Ungurean, M. Hagan and M. Arif, "Ubiquitous Healthcare System Based on the Sensors Network and Android Internet of Things Gateway," 2018 IEEE SmartWorld, Ubiquitous Intelligence & Computing, Advanced & Trusted Computing, Scalable Computing & Communications, Cloud & Big Data Computing, Internet of People and Smart City Innovation (SmartWorld/SCALCOM/UIC/ATC/CBDCom/IOP/SCI), 2018, pp. 1390-1395, doi: 10.1109/SmartWorld.2018.00241.	2018	0.25		5	6.500	https://doi.org/10.1109/SmartWorld.2018.00241	https://www.webofscience.com/wos/woscc/full-record/WOS:000458742900205
15	N. C. GAITAN and I. Ungurean, "Software vs Hardware Implementations for Real-Time Operating Systems" International Journal of Advanced Computer Science and Applications(IJACSA), 9(12), 2018. http://dx.doi.org/10.14569/IJACSA.2018.091206	2018	0.7		2	23.000	http://dx.doi.org/10.14569/IJACSA.2018.091206	https://www.webofscience.com/wos/woscc/full-record/WOS:000456778600006
16	I. Ungurean and N. C. Gaitan, "Performance analysis of tasks synchronization for real time operating systems," 2018 International Conference on Development and Application Systems (DAS), 2018, pp. 63-66, doi: 10.1109/DAAS.2018.8396072.	2018	0.25		2	16.250	https://doi.org/10.1109/DAAS.2018.8396072	https://www.webofscience.com/wos/woscc/full-record/WOS:000467080400012
17	I. Ungurean, "Using Co-Processors to Activate Real Time Capabilities on Fog Nodes." In Proceedings of the 2nd International Symposium on Computer Science and Intelligent Control, p. 20. ACM, 2018	2018	0.25		1	32.500	https://doi.org/10.1145/3284557.3284700	https://www.webofscience.com/wos/woscc/full-record/WOS:000455371000020
18	I. Ungurean, A. Brezilianu, "An Internet of Things Framework for Remote Monitoring of the HealthCare Parameters," Advances in Electrical and Computer Engineering, vol.17, no.2, pp.11-16, 2017, doi:10.4316/AECE.2017.02002	2017	0.7		2	23.000	https://doi.org/10.4316/AECE.2017.02002	https://www.webofscience.com/wos/woscc/full-record/WOS:000405378100002

19	Ungurean, I. , Gaitan, N.C. and Gaitan, V.G., "A Middleware Based Architecture for the Industrial Internet of Things," KSII Transactions on Internet and Information Systems, vol. 10, no. 8. Korean Society for Internet Information (KSII), 31-Aug-2016.	2016	1.2		3	20.333	https://doi.org/10.3837/tiis.2016.07.001	https://www.webofscience.com/wos/woscc/full-record/WOS:000381404300001
20	N. C. Gaitan, V. G. Gaitan and I. Ungurean , "An IoT Middleware Framework for Industrial Applications," International Journal of Advanced Computer Science and Applications(IJACSA), 7(9), 2016. http://dx.doi.org/10.14569/IJACSA.2016.070905	2016	0.7		3	15.333	https://dx.doi.org/10.14569/IJACSA.2016.070905	https://www.webofscience.com/wos/woscc/full-record/WOS:000391110500006
21	I. Ungurean and N. C. Gaitan, "Monitoring and control system for smart buildings based on OPC UA specifications," 2016 International Conference on Development and Application Systems (DAS), 2016, pp. 82-85, doi: 10.1109/DAAS.2016.7492552.	2016	0.25		2	16.250	https://doi.org/10.1109/DAAS.2016.7492552	https://www.webofscience.com/wos/woscc/full-record/WOS:000383222200013
22	N. C. Gaitan, V. G. Gaitan and I. Ungurean , "A Survey on the Internet of Things Software Architecture" International Journal of Advanced Computer Science and Applications(IJACSA), 6(12), 2015. http://dx.doi.org/10.14569/IJACSA.2015.061219	2015	0.7		3	15.333	https://dx.doi.org/10.14569/IJACSA.2015.061219	https://www.webofscience.com/wos/woscc/full-record/WOS:000369852000020
23	V. G. Gaitan, N. C. Gaitan and I. Ungurean , "CPU Architecture Based on a Hardware Scheduler and Independent Pipeline Registers," in IEEE Transactions on Very Large Scale Integration (VLSI) Systems, vol. 23, no. 9, pp. 1661-1674, Sept. 2015, doi: 10.1109/TVLSI.2014.2346542.	2015	2.8	Q2	3	36.333	https://doi.org/10.1109/TVLSI.2014.2346542	https://www.webofscience.com/wos/woscc/full-record/WOS:000364208100008
24	I. Ungurean , V. G. Gaitan and N. C. Gaitan, "A distributed software architecture for remote monitor and control of the smart buildings," 2015 International Workshop on Computational Intelligence for Multimedia Understanding (IWCIM), 2015, pp. 1-5, doi: 10.1109/IWCIM.2015.7347090.	2015	0.25		3	10.833	https://doi.org/10.1109/IWCIM.2015.7347090	https://www.webofscience.com/wos/woscc/full-record/WOS:000380431200030
25	N. C. Gaitan, V. G. Gaitan, I. Ungurean and I. Zagan, "Methods to Improve the Performances of the Real-Time Operating Systems for Small Microcontrollers," 2015 20th International Conference on Control Systems and Computer Science, 2015, pp. 261-266, doi: 10.1109/CSCS.2015.10.	2015	0.25		4	8.125	https://doi.org/10.1109/CSCS.2015.10	https://www.webofscience.com/wos/woscc/full-record/WOS:000380375200039
26	N. C. Gaitan, V. G. Gaitan and I. Ungurean , "Gradual Development of an IoT Architecture for Real-World Things," 2015 IEEE European Modelling Symposium (EMS), 2015, pp. 344-349, doi: 10.1109/EMS.2015.57.	2015	0.25		3	10.833	https://doi.org/10.1109/EMS.2015.57	https://www.webofscience.com/wos/woscc/full-record/WOS:000411862000038
27	Ungurean, I. , Gaitan, V.G. and Gaitan, N.C., "Intensive computing on a large data volume with a short-vector single instruction multiple data processor," IET Computers & Digital Techniques, 8(5), 2014, pp.219-228.	2014	1.1		3	19.333	https://doi.org/10.1049/iet-cdt.2013.0149	https://www.webofscience.com/wos/woscc/full-record/WOS:000341185100003
28	V. G. Gaitan, N. C. Gaitan and I. Ungurean , "A flexible acquisition cycle for incompletely defined fieldbus protocols," ISA transactions, 53(3), 2014, pp.776-786.	2014	6.3	Q1	3	71.333	https://doi.org/10.1016/j.isatra.2014.02.006	https://www.webofscience.com/wos/woscc/full-record/WOS:000336778800011
29	I. Ungurean , N. C. Gaitan and V. G. Gaitan, "An IoT architecture for things from industrial environment," 2014 10th International Conference on Communications (COMM), 2014, pp. 1-4, doi: 10.1109/ICComm.2014.6866713.	2014	0.25		3	10.833	https://doi.org/10.1109/ICComm.2014.6866713	https://www.webofscience.com/wos/woscc/full-record/WOS:000345844600057
30	I. Ungurean , N. C. Gaitan and V. G. Gaitan, "Transparent interaction of SCADA systems developed over different technologies," 2014 18th International Conference on System Theory, Control and Computing (ICSTCC), 2014, pp. 476-481, doi: 10.1109/ICSTCC.2014.6982462.	2014	0.25		3	10.833	https://doi.org/10.1109/ICSTCC.2014.6982462	https://www.webofscience.com/wos/woscc/full-record/WOS:000704338900078
31	E. -E. C. Moisuc, A. -B. Larionescu and I. Ungurean , "Hardware event handling in the hardware real-time operating systems," 2014 18th International Conference on System Theory, Control and Computing (ICSTCC), 2014, pp. 54-58, doi: 10.1109/ICSTCC.2014.6982390.	2014	0.25		3	10.833	https://doi.org/10.1109/ICSTCC.2014.6982390	https://www.webofscience.com/wos/woscc/full-record/WOS:000704338900010
32	I. Rusu, S. Pentiu, I. Ungurean and E. Crăciun, "A parallel approach for Monte Carlo-based photon propagation simulation," 2012 5th Romania Tier 2 Federation Grid, Cloud & High Performance Computing Science (RQLCG), 2012, pp. 78-81.	2012	0.25		4	8.125	https://ieeexplore.ieee.org/abstract/document/6528251	https://www.webofscience.com/wos/woscc/full-record/WOS:000325983100020
33	I. Ungurean , I. Rusu and S. Pentiu, "High-performance computing on a supercomputer based on new-generation processors," 2012 5th Romania Tier 2 Federation Grid, Cloud & High Performance Computing Science (RQLCG), 2012, pp. 96-99.	2012	0.25		3	10.833	https://ieeexplore.ieee.org/abstract/document/6528256	https://www.webofscience.com/wos/woscc/full-record/WOS:000325983100025
34	A. M. Gaitan, V. Vopa, V. G. Gaitan, A.I., Petrariu and I. Ungurean , "Products Authentication and Traceability using RFID Technology and OPC UA Servers", Elektronika ir Elektrotechnika, 18(10), 2012, 73-76. https://doi.org/10.5755/j01.eee.18.10.3067	2012	0.9		5	10.400	https://doi.org/10.5755/j01.eee.18.10.3067	https://www.webofscience.com/wos/woscc/full-record/WOS:000313297600018
35	I. Ungurean and N. Gaitan, "Speech analysis for medical predictions based on Cell Broadband Engine," 2012 Proceedings of the 20th European Signal Processing Conference (EUSIPCO), 2012, pp. 1733-1736.	2012	0.25		2	16.250	https://ieeexplore.ieee.org/abstract/document/6334288	https://www.webofscience.com/wos/woscc/full-record/WOS:000310623800348
36	S.G. Pentiu, I. Ungurean , "Multilevel Parallelization of Unsupervised Learning Algorithms in Pattern Recognition on a Roadrunner Architecture," In: Brazier, F.M.T., Nieuwenhuis, K., Pavlin, G., Warnier, M., Badica, C. (eds) Intelligent Distributed Computing V. Studies in Computational Intelligence, vol 382, 2011, Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-24013-3_8	2011	0.25		2	16.250	https://doi.org/10.1007/978-3-642-24013-3_8	https://www.webofscience.com/wos/woscc/full-record/WOS:000307523200008
37	G. Radu, I. Balan and I. Ungurean , "Tuning Fuzzy Perceptron using Parallelized Evolutionary Algorithms," Elektronika ir Elektrotechnika, 107(1), 2011, pp.51-54.	2011	0.9		3	17.333	https://eejournal.ktu.lt/index.php/elt/article/view/9080	https://www.webofscience.com/wos/woscc/full-record/WOS:000286694500012
38	I. Ungurean , S. Pentiu, V. G. Gaitan and O. Gherman, "Using resources provided by cell broadband engine in order to develop an application of hierarchical data clustering," 9th RoEduNet IEEE International Conference, 2010, pp. 224-227.	2010	0.25		4	8.125	https://ieeexplore.ieee.org/abstract/document/5541563	https://www.webofscience.com/wos/woscc/full-record/WOS:000290548400038

39	I. Ungurean, "Job scheduling algorithm based on dynamic management of resources provided by grid computing systems," Elektronika ir Elektrotechnika, 103(7), 2010, pp.57-60.	2010	0.9		1	52.000	https://eejournal.ktu.lt/index.php/elt/article/view/9276	https://www.webofscience.com/wos/woscc/full-record/WOS:000282503600013
40	S.G. Pentiu, I. Ungurean, "Analysis of Huge Volume of Documents on a Hybrid HPC Cluster," In Intelligent Distributed Computing IV (pp. 275-282), 2010, Springer, Berlin, Heidelberg.	2010	0.25		2	16.250		https://www.webofscience.com/wos/woscc/full-record/WOS:000287889200029
41	N. C. Gaitan, V. G. Gaitan, S. G. Pentiu, I. Ungurean, E. Dodiu, "Middleware Based Model of Heterogeneous Systems for SCADA Distributed Applications," Advances in Electrical and Computer Engineering, vol.10, no.2, pp.121-124, 2010, doi:10.4316/AECE.2010.02021	2010	0.7		5	9.200	https://doi.org/10.4316/AECE.2010.02021	https://www.webofscience.com/wos/woscc/full-record/WOS:000280312600021
42	I. Ungurean, S. G. Pentiu, V. Gaitan, "Performance Evaluation of an Experimental Grid Computer using MPI Applications. Elektronika Ir Elektrotechnika, 93(5), 2009, 55-58.	2009	0.9		3	17.333	https://eejournal.ktu.lt/index.php/elt/article/view/10181	https://www.webofscience.com/wos/woscc/full-record/WOS:000267479400013
43	V. G. Gaitan, I. Ungurean, N. C. Gaitan and V. Popa, "Keeping industrial systems and communicators up-to-date using interoperable communicating components and electronic data sheets," IEEE EUROCON 2009, 2009, pp. 371-378, doi: 10.1109/EURCON.2009.5167658.	2009	0.25		4	8.125	https://ieeexplore.ieee.org/xpl/conhome/5159343/proceeding	https://www.webofscience.com/wos/woscc/full-record/WOS:000272589500063
44	C. Turcu, T. Cerlinca, C. Turcu, M. Cerlinca, R. Prodan, and I. Ungurean, "Improving efficiency in patient identification and monitoring using RFID and multi-agent technologies", In Proceedings of the 2nd WSEAS International Conferences on Biomedical Electronics and Biomedical Informatics, Moscow, Russia, 2009	2009	0.25		6	5.417	https://dl.acm.org/doi/10.5555/1946539.1946586	https://www.webofscience.com/wos/woscc/full-record/WOS:000273246200045
45	V. G. Gaitan, V. Popa, C. Turcu, N. C. Gaitan, I. Ungurean, "The Uniform Engineering of Distributed Control Systems Using the OPC Specification," Advances in Electrical and Computer Engineering, vol.8, no.2, pp.71-77, 2008, doi:10.4316/AECE.2008.02013	2008	0.7		5	9.200	https://doi.org/10.4316/AECE.2008.02013	https://www.webofscience.com/wos/woscc/full-record/WOS:000264815000013
46	V. Gaitan, V. Popa, I. Ungurean, N.C. Gaitan, "The integration of real device capabilities in distributed applications based on OPC technology, " In 12th WSEAS International Conference on COMPUTERS, 2008, pp. 148-153	2008	0.25		4	8.125	https://dl.acm.org/doi/10.5555/1513605.1513634	https://www.webofscience.com/wos/woscc/full-record/WOS:000260369300018
46			66.739	13		1156.612		

	A2.2 Articole în reviste cotate și în volumele unor manifestări științifice indexate în baze de date internaționale (BDI)				
Nr. Crt.	Articol	BDI	Nr. Autori	Punctaj	Link
1	I. Ungurean and N. C. Gaitan, "Integrating Cloud and Edge/Fog Computing in Advanced Metering Infrastructure," 2024 International Symposium on Sensing and Instrumentation in 5G and IoT Era (ISSI), Lagoa, Portugal, 2024, pp. 1-5, doi: 10.1109/ISSI63632.2024.10720496.	IEEE	2	10.000	https://doi.org/10.1109/ISSI63632.2024.10720496
2	I. Ungurean , J. Chi, K. Wang, N. C. Gaitan, H. Yao and Y. Yang, "Mobile ZigBee Network in a High RF Interference Environment," 2019 International Conference on Sensing and Instrumentation in IoT Era (ISSI), 2019, pp. 1-5, doi: 10.1109/ISSI47111.2019.9043705.	IEEE	6	3.333	https://doi.org/10.1109/ISSI47111.2019.9043705
3	N. C. Gaitan and I. Ungurean , "Internet of M-Health Things System for Remote EKG Monitoring," 2019 International Conference on Sensing and Instrumentation in IoT Era (ISSI), 2019, pp. 1-4, doi: 10.1109/ISSI47111.2019.9043668.	IEEE	2	10.000	https://doi.org/10.1109/ISSI47111.2019.9043668
4	H. Yao, K. Lin, I. Ungurean and Y. Yang, "Constrained Relay Node Deployment in Wireless Sensor Network for Structural Health Monitoring," 2019 International Conference on Sensing and Instrumentation in IoT Era (ISSI), 2019, pp. 1-5, doi: 10.1109/ISSI47111.2019.9043653.	IEEE	4	5.000	https://doi.org/10.1109/ISSI47111.2019.9043653
5	M. Danubianu, S. -G. Pentiuc, O. A. Schipor, M. Nestor and I. Ungurean , "Distributed Intelligent System for Personalized Therapy of Speech Disorders," 2008 The Third International Multi-Conference on Computing in the Global Information Technology (iccg 2008), 2008, pp. 166-170, doi: 10.1109/ICCGI.2008.31.	IEEE	5	4.000	https://doi.org/10.1109/ICCGI.2008.31
				32.333	

	A2.4.1.2 Granturi / proiecte de cercetare câștigate prin competiții sau contracte cu agenți economici în valoare de minimi 10.000 dolari USA echivalent încasați - Director/ responsabil			
Nr. Crt.	Articol	Nr ani	Punctaj	
1	“Contribuții la dezvoltarea aplicațiilor din domeniul recunoașterii formelor și inteligenței artificiale pe sisteme GRID” Câștigat la competiția de proiecte de tip BD din 2008 (2008-2010)	3	30.000	http://old.uefiscdi.ro/userfiles/file/BURSE%20BD/Rez_BD_2008_NOI.pdf
2	"EEA M100 Cities - Climate-Neutral and Smart Cities: Planning, Piloting, Inspiring"- responsabil partener USV - proiect internațional finanțat prin granturile SEE și norvegiene (suma încasată USV - 25000 Euro).	8 luni	13.333	https://m100.ro/eea-m100-cities
			43.333	

	A2.4.1.2 Granturi / proiecte naționale câștigate prin competiție - Membru în echipă			
Nr. Crt.	Articol	Nr ani	Punctaj	
1	Grid pentru dezvoltarea aplicațiilor de recunoașterea formelor și inteligență artificială distribuită -GRIDNORD, Contract 80/13.09.2007, PNII – CAPACITĂȚI, Director: prof.dr.ing. Ștefan Gheorghe PENTIUC http://www.eed.usv.ro/gridnord/html/echipa.html	2	4.000	http://www.eed.usv.ro/gridnord/html/echipa.html
2	Interacțiunea gestuală cu sistemele informatice și robotice – INTEROB, 31-CEEX-II03/02.10.2006, Director: prof.dr.ing. Ștefan Gheorghe PENTIUC http://www.eed.usv.ro/interob/html/genpro.html	2.25 (27 luni)	4.500	http://www.eed.usv.ro/interob/html/genpro.html
3	Sistem pentru terapia personalizată a tulburărilor de expresie lingvistică – TERAPERS, 56-CEEX II03/27.07.2006, Director: prof.dr.ing. Ștefan Gheorghe PENTIUC, http://www.eed.usv.ro/terapers/html/genpro.html	2.25 (27 luni)	4.500	http://www.eed.usv.ro/terapers/html/genpro.html
4	Sistem metropolitan eterogen pentru monitorizarea datelor specifice consumului de utilități – SMEDU, Contract nr. 80/25.09.2007, Program PNII- INOVARE, Director: prof.dr.ing. Cornel TURCU (SC Elsaco SA)	2	4.000	
5	Sistem informatic pentru controlul și verificarea autenticității produselor – ATPROD, Contract 12-082/01.10.2008 Program PNII – Parteneriate, Director: prof.dr.ing. Valentin POPA	3	6.000	http://siscon.usv.ro/atprod/index.php
6	Proiectul „Creșterea competitivității Clusterului Regional Inovativ EURONEST IT&C Hub și stimularea interacțiunilor dintre membri pentru dezvoltarea de produse și servicii de înaltă tehnologie”. Cod SMIS 49786, POSCCE 2007-2013, Axa 1, DMI 1.3, Operațiunea 1.3.3., proiectul finanteaza 2 proiecte de cercetare, USV conduce proiectul SisConGes "Dezvoltarea unui sistem reconfigurabil pentru controlul cladirilor inteligente si gestionarea energiilor provenite din surse regenerabile", Cercetator stiintific II	1	2.000	
7	Performanța sustenabilă în cercetarea doctorală și post doctorală – PERFORM, Cod proiect: POSDRU/159/1.5/S/138963, Director: prof.dr.ing. Cornel TURCU (Universitatea Stefan cel Mare). Cercetator postdoctoral 2014-2015	1.5 (18 luni)	3.000	http://perform.usv.ro/
8	Proiect MANSiD, POSCCE, Axa prioritara 2, "Centrului integrat de cercetare, dezvoltare și inovare pentru Materiale Avansate, Nanotehnologii și Sisteme Distribuite de fabricație și control (MANSiD)", cercetator 2016-2018, http://mansid.usv.ro/laborator_08.html	3	6.000	http://mansid.usv.ro/laborator_08.html

9	Dezvoltarea și integrarea unui tele-electrocardiograf mobil în cadrul sistemului GreenCARDIO® de monitorizare și diagnostic a pacienților” (acronim m-GreenCARDIO), cod PN-III-P2-2.1-BG-2016-0463 , 58BG din 30/09/2016, (PN-III-P2-2.1-BG-2016-0463), Bridge Grant (Transfer de cunoaștere la agentul economic), Director: prof.dr.ing. Vasile GĂITAN 2016-2018	2	4.000	http://www.mgreencardio.usv.ro
10	Dispozitiv experimental demonstrativ pentru validarea și testarea microcontrolerului nMPRA de timp real utilizând arhitectura MIPS32 (acronim DEVMCREALTIME), cod PN-III-P2-2.1-PED-2016-1473, PED220 din 17/08/2017, Proiect experimental demonstrativ (PED), Director: ș.l. dr. ing. Nicoleta Cristina Gaitan 2017-2018 http://www.mips32-220ped.usv.ro/	1.5 (18 luni)	3.000	http://www.mips32-220ped.usv.ro/
11	Demonstrator experimental de laborator bazat pe nHSE - sistem de operare de timp real integrat în hardware - implementat pe o arhitectură ZScale - RISC V, cod PN-III-P2-2.1-PED-2016-1460, PED219 din 17/08/2017, Proiect experimental demonstrativ (PED), Director: Director: prof.dr.ing. Vasile GĂITAN 2017-2018 http://www.riscv-219ped.usv.ro/	1.5 (18 luni)	3.000	http://www.riscv-219ped.usv.ro/
12	Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020, „Centru pentru transferul de cunoștințe către întreprinderi din domeniul ICT – CENTRIC” Cod competiție POC-A1-A1.2.3-G-2015, Cod SMIS 2014+ 119722 (ID P_40_305), Contract de finanțare nr. 5/AXA 1/1.2.3/G/13.06.2018, Contract subsidiar nr. 15567/01.09.2020/DIW-PADCU/ Fragar Trading, Noiembrie 2020-Octombrie 2022	2	4.000	https://centric.usv.ro/activitati/activitati-de-tip-d/
13	Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020, „Centru pentru transferul de cunoștințe către întreprinderi din domeniul ICT – CENTRIC”, Cod competiție POC-A1-A1.2.3-G-2015, Cod SMIS 2014+ 119722 (ID P_40_305), Contract de finanțare nr. 5/AXA 1/1.2.3/G/13.06.2018 Contract subsidiar nr. 15682 / 02.09.2020 / CRIODRIVE / Mechatronics , Noiembrie 2020-Octombrie 2022	2	4.000	https://centric.usv.ro/activitati/activitati-de-tip-d/

14	Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020 „Centru pentru transferul de cunoștințe către întreprinderi din domeniul ICT – CENTRIC”, Cod competiție POC-A1-A1.2.3-G-2015, Cod SMIS 2014+ 119722 (ID P_40_305) , Contract de finanțare nr. 5/AXA 1/1.2.3/G/13.06.2018 Contract subsidiar nr. 21773/ 04.10.2022/ DIGI-TOUCH/ Fragar Trading Noiembrie 2022-iunie 2023	7 luni	1.167	https://centric.usv.ro/activitati/activitati-de-tip-d/
15	760007/30.12.2022 National Competence Center and solutions for the development of Climate Neutral and Smart Cities, mai 2023-prezent	2	4.000	https://netzerocities.upb.ro/
16	Artificial intelligence-powered personalized health and genomics libraries for the analysis of long-term effects in COVID-19 patients (AI-PHGL-COVID), contract de finanțare nr. 760074/23.05.2023 - octombrie 2023-prezent	1.5	3.000	https://aiphgl.usv.ro/echipa-de-cercetare/
			60.167	

A3.1.1. Citări în cărți, reviste și volume ale manifestărilor științifice (ISI)

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
	Ungurean, I., Gaitan, N.C. and Gaitan, V.G., 2014, May. An IoT architecture for things from industrial environment. In 2014 10th International Conference on Communications (COMM) (pp. 1-4). IEEE.		3		https://www.webofscience.com/wos/woscc/full-record/WOS:000345844600057
1	Title: Analysis of an eco-friendly sensor node powered by unconventional energy sources Eco-node operation study Author(s): Balan, D (Balan, Doru); Chirap, A (Chirap, Aurel) Book Group Author(s): IEEE Source: 2014 ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series: RoEduNet International Conference Published: 2014 Accession Number: WOS:000374588700033 Conference Title: Joint Event of the RENAM 8th Conference / RoEduNet 13th Conference Conference Date: SEP 11-13, 2014 Conference Location: Chisinau, MOLDOVA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000374588700033
2	Title: Internet of Things: A Survey on Enabling Technologies, Protocols, and Applications Author(s): Al-Fuqaha, A (Al-Fuqaha, Ala); Guizani, M (Guizani, Mohsen); Mohammadi, M (Mohammadi, Mehdi); Aledhari, M (Aledhari, Mohammed); Ayyash, M (Ayyash, Moussa) Source: IEEE COMMUNICATIONS SURVEYS AND TUTORIALS Volume: 17 Issue: 4 Pages: 2347-2376 DOI: 10.1109/COMST.2015.2444095 Published: 2015 Accession Number: WOS:000365233100021	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000365233100021
3	Title: ERDT: Energy-Efficient Reliable Decision Transmission for Intelligent Cooperative Spectrum Sensing in Industrial IoT Author(s): Zhu, RB (Zhu, Rongbo); Zhang, X (Zhang, Xue); Liu, XZ (Liu, Xiaozhu); Shu, WN (Shu, Wanneng); Mao, TY (Mao, Tengyue); Jalaian, B (Jalaian, Brian) Source: IEEE ACCESS Volume: 3 Pages: 2366-2378 DOI: 10.1109/ACCESS.2015.2501644 Published: 2015 Accession Number: WOS:000371388200180	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000371388200180
4	Title: Service Composition in the Cloud-Based Manufacturing Focused on the Industry 4.0 Author(s): Pisching, MA (Pisching, Marcos A.); Junqueira, F (Junqueira, Fabricio); Santos, DJ (Santos Filho, Diolino J.); Miyagi, PE (Miyagi, Paulo E.) Edited by: CamarinhaMatos LM; Baldissera TA; DiOrio G; Marques F Source: TECHNOLOGICAL INNOVATION FOR CLOUD-BASED ENGINEERING SYSTEMS Book Series: IFIP Advances in Information and Communication Technology Volume: 450 Pages: 65-72 DOI: 10.1007/978-3-319-16766-4_7 Published: 2015 Accession Number: WOS:000373369600007 Conference Title: 6th IFIPWG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems (DoCEIS) Conference Date: APR 13-15, 2015 Conference Location: Costa de Caparica, PORTUGAL			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000373369600007
5	Title: Architectural Considerations for a Centralized Global IoT Platform Author(s): Venkatesan, R (Venkatesan, Rajesh); Raghavan, MV (Raghavan, Madhava Venkatesh); Prakash, KSS (Prakash, Satya Sai K.) Edited by: Vig J; Roy AK; Wang CG; Das ML Source: 2015 IEEE REGION 10 SYMPOSIUM (TENSYP) Book Series: IEEE Region 10 Symposium Pages: 5-8 DOI: 10.1109/TENSYP.2015.14 Published: 2015 Accession Number: WOS:000380516300002 Conference Title: IEEE Region 10 Symposium (TENSYP) Conference Date: MAY 13-15, 2015 Conference Location: Ahmedabad, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000380516300002

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
6	Title: A Resource Oriented Architecture for Web-Integrated SCADA Applications Author(s): Polonia, PV (Polonia, Pablo Valerio); Melgarejo, LFB (Bier Melgarejo, Luiz Fernando); de Queiroz, MH (de Queiroz, Max Hering) Book Group Author(s): IEEE Source: 2015 IEEE WORLD CONFERENCE ON FACTORY COMMUNICATION SYSTEMS (WFCS) Published: 2015 Accession Number: WOS:000380618100019 Conference Title: IEEE World Conference on Factory Communication Systems (WFCS) Conference Date: MAY 27-29, 2015 Conference Location: Palma de Mallorca, SPAIN			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000380618100019
7	Title: An Architecture based on IoT and CPS to Organize and Locate Services An architecture focused on Industry 4.0 Author(s): Pisching, MA (Pisching, Marcos A.); Junqueira, F (Junqueira, Fabricio); dos Santos, DJ (dos Santos Filho, Diolino J.); Miyagi, PE (Miyagi, Paulo E.) Book Group Author(s): IEEE Source: 2016 IEEE 21ST INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2016 Accession Number: WOS:000389524200014 Conference Title: 21st IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Conference Date: SEP 06-09, 2016 Conference Location: OWL Univ Appl Sci, Fraunhofer IOSB INA, Berlin, GERMANY			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000389524200014
8	Title: Middleware Platform for Distributed Applications Incorporating Robots, Sensors and the Cloud Author(s): De Coninck, E (De Coninck, Elias); Bohez, S (Bohez, Steven); Leroux, S (Leroux, Sam); Verbelen, T (Verbelen, Tim); Vankeirsbilck, B (Vankeirsbilck, Bert); Dhoedt, B (Dhoedt, Bart); Simoens, P (Simoens, Pieter) Book Group Author(s): IEEE Source: 2016 5TH IEEE INTERNATIONAL CONFERENCE ON CLOUD NETWORKING (IEEE CLOUDNET) Book Series: IEEE International Conference on Cloud Networking Pages: 218-223 DOI: 10.1109/CloudNet.2016.23 Published: 2016 Accession Number: WOS:000391421700040 Conference Title: 5th IEEE International Conference on Cloud Networking (IEEE CloudNet) Conference Date: OCT 03-05, 2016 Conference Location: Pisa, ITALY			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000391421700040
9	Title: IIoT based Efficiency monitoring of a Gantry Robot Author(s): Farne, S (Farne, Stefano); Bassi, E (Bassi, Ezio); Benzi, F (Benzi, Francesco); Compagnoni, F (Compagnoni, Francesco) Book Group Author(s): IEEE Source: 2016 IEEE 14TH INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS (INDIN) Book Series: IEEE International Conference on Industrial Informatics INDIN Pages: 714-719 Published: 2016 Accession Number: WOS:000393551200108 Conference Title: 14th IEEE International Conference on Industrial Informatics (INDIN) Conference Date: JUL 19-21, 2016 Conference Location: Poitiers, FRANCE			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000393551200108

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
10	Title: Design of Smart Factory Web Services Based on the Industrial Internet of Things Author(s): Jung, J (Jung, Jieun); Song, B (Song, Byunghun); Watson, K (Watson, Kym); Uslander, T (Uslander, Thomas) Edited by: Bui TX; Sprague R Source: PROCEEDINGS OF THE 50TH ANNUAL HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES Pages: 5941-5946 Published: 2017 Accession Number: WOS:000625875708024 Conference Title: 50th Annual Hawaii International Conference on System Sciences(HICSS) Conference Date: JAN 03-07, 2017 Conference Location: HI			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000625875708024
11	Title: Fault Detection Variants of the CloudBus Protocol for IoT Distributed Embedded Systems Author(s): Barkalov, A (Barkalov, Alexander); Titarenko, L (Titarenko, Larysa); Andrzejewski, G (Andrzejewski, Grzegorz); Krzywicki, K (Krzywicki, Kazimierz); Kolopienczyk, M (Kolopienczyk, Malgorzata) Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 17 Issue: 2 Pages: 3-10 DOI: 10.4316/AECE.2017.02001 Published: 2017 Accession Number: WOS:000405378100001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000405378100001
12	Title: Hybrid Solution for Privacy-Preserving Access Control for Healthcare Data Author(s): Smithamol, MB (Smithamol, Mukalel Bhaskaran); Sridhar, R (Sridhar, Rajeswari) Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 17 Issue: 2 Pages: 31-38 DOI: 10.4316/AECE.2017.02005 Published: 2017 Accession Number: WOS:000405378100005			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000405378100005
13	Title: Planning for Heterogeneous IoT with Time Guaranties Author(s): Cecilio, J (Cecilio, Jose); Martins, P (Martins, Pedro); Furtado, P (Furtado, Pedro) Edited by: Shakshuki E Source: 8TH INTERNATIONAL CONFERENCE ON AMBIENT SYSTEMS, NETWORKS AND TECHNOLOGIES (ANT-2017) AND THE 7TH INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY INFORMATION TECHNOLOGY (SEIT 2017) Book Series: Procedia Computer Science Volume: 109 Pages: 249-256 DOI: 10.1016/j.procs.2017.05.347 Published: 2017 Accession Number: WOS:000414533000031 Conference Title: 8th International Conference on Ambient Systems, Networks and Technologies (ANT) / 7th International Conference on Sustainable Energy Information Technology (SEIT) Conference Date: MAY 16-19, 2017 Conference Location: Madeira, PORTUGAL			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000414533000031
14	Title: A Performance and Cost Evaluation of Combining OPC-UA and Microsoft Azure IoT Hub into an Industrial Internet-of-Things System Author(s): Forsstrom, S (Forsstrom, Stefan); Jennehag, U (Jennehag, Ulf) Book Group Author(s): IEEE Source: 2017 GLOBAL INTERNET OF THINGS SUMMIT (GIOTS 2017) Pages: 327-332 Published: 2017 Accession Number: WOS:000425861800056 Conference Title: Global Internet of Things Summit (GloTS) Conference Date: JUN 06-09, 2017 Conference Location: Geneva, SWITZERLAND			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000425861800056

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
15	Title: How to Define Industry4.0: The Main Pillars Of Industry 4.0 Author(s): Erboz, G (Erboz, Gizem) Edited by: Kosiciarova I; Kadekova Z Source: MANAGERIAL TRENDS IN THE DEVELOPMENT OF ENTERPRISES IN GLOBALIZATION ERA Pages: 761-767 Published: 2017 Accession Number: WOS:000426613300094 Conference Title: 7th International Scientific Conference on Managerial Trends in the Development of Enterprises in Globalization Era (ICoM) Conference Date: JUN 01-02, 2017 Conference Location: Slovak Univ Agr, Nitra, SLOVAKIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000426613300094
16	Title: Industrial Process Monitoring Using IoT Author(s): Shinde, KS (Shinde, Komal S.); Bhagat, PH (Bhagat, Prachi H.) Book Group Author(s): IEEE Source: 2017 INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC) Pages: 38-42 Published: 2017 Accession Number: WOS:000427222200007 Conference Title: International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) Conference Date: FEB 10-11, 2017 Conference Location: Palladam, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000427222200007
17	Title: A review of essential standards and patent landscapes for the Internet of Things: A key enabler for Industry 4.0 Author(s): Trappey, AJC (Trappey, Amy J. C.); Trappey, CV (Trappey, Charles V.); Govindarajan, UH (Govindarajan, Usharani Hareesh); Chuang, AC (Chuang, Allen C.); Sun, JJ (Sun, John J.) Source: ADVANCED ENGINEERING INFORMATICS Volume: 33 Pages: 208-229 DOI: 10.1016/j.aei.2016.11.007 Published: AUG 2017 Accession Number: WOS:000412612100016	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000412612100016
18	Title: The Internet of Flying Things Author(s): Pigatto, DF (Pigatto, Daniel Fernando); Rodrigues, M (Rodrigues, Mariana); Fontes, JVD (de Carvalho Fontes, Joao Vitor); Pinto, ASR (Roschildt Pinto, Alex Sandro); Smith, J (Smith, James); Branco, KRLJC (Jaquie Castelo Branco, Kalinka Regina Lucas) Edited by: Hassan QF Source: INTERNET OF THINGS A TO Z: TECHNOLOGIES AND APPLICATIONS Pages: 529-561 Published: 2018 Accession Number: WOS:000546489200020			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000546489200020
19	Title: Low-Power Wireless for the Internet of Things: Standards and Applications Author(s): Nikoukar, A (Nikoukar, Ali); Raza, S (Raza, Saleem); Poole, A (Poole, Angelina); Gunes, M (Guenes, Mesut); Dezfooli, B (Dezfooli, Behnam) Source: IEEE ACCESS Volume: 6 Pages: 67893-67926 DOI: 10.1109/ACCESS.2018.2879189 Published: 2018 Accession Number: WOS:000452372400001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000452372400001

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
20	Title: Development of SCADA using a RTU based on IoT controller Author(s): Medrano, K (Medrano, Karen); Altuve, D (Altuve, Denis); Belloso, K (Belloso, Kelman); Bran, C (Bran, Carlos) Edited by: DuranFaundez C; Lefranc G; FernandezFernandez M; Munoz C; Rubio E Source: 2018 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION/XXIII CONGRESS OF THE CHILEAN ASSOCIATION OF AUTOMATIC CONTROL (ICA-ACCA) Published: 2018 Accession Number: WOS:000458417600004 Conference Title: IEEE International Conference on Automation (ICA) / 23rd Congress of the Chilean-Association-of-Automatic-Control (ACCA) Conference Date: OCT 17-19, 2018 Conference Location: Concepcion, CHILE			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000458417600004
21	Title: A Novel IoT-Based Architecture for Self-Adaptive Aerodynamic Flow Control System for Motorcycle Author(s): Portaluri, G (Portaluri, Giuseppe); Tamburello, M (Tamburello, Marialaura); Giordano, S (Giordano, Stefano) Book Group Author(s): IEEE Source: 2018 IEEE GLOBAL COMMUNICATIONS CONFERENCE (GLOBECOM) Book Series: IEEE Global Communications Conference Published: 2018 Accession Number: WOS:000465774305066 Conference Title: IEEE Global Conference on Communications (GLOBECOM) / Workshop on Wireless Networking and Control for UAV Conference Date: DEC 09-13, 2018 Conference Location: Abu Dhabi, U ARAB EMIRATES			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000465774305066
22	Title: IoT based Innovative Dual Level Control System with Fault Tolerance & Fail Safe Capability Author(s): Sharma, S (Sharma, Sagun); Gupta, S (Gupta, Sumeet); Gupta, S (Gupta, Swastik); Kotwal, SB (Kotwal, Shashi Bhushan) Book Group Author(s): IEEE Source: PROCEEDINGS OF THE 2018 SECOND INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICICCS) Pages: 307-312 Published: 2018 Accession Number: WOS:000468730700057 Conference Title: 2nd International Conference on Intelligent Computing and Control Systems (ICICCS) Conference Date: JUN 14-15, 2018 Conference Location: Vaigai Coll Engn, Madurai, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000468730700057
23	Title: Internet of Things Ontology for Digital Twin in Cyber Physical Systems Author(s): Steinmetz, C (Steinmetz, Charles); Rettberg, A (Rettberg, Achim); Ribeiro, FGC (Ribeiro, Fabiola Goncalves C.); Schroeder, G (Schroeder, Greyce); Pereira, CE (Pereira, Carlos E.) Book Group Author(s): IEEE Source: 2018 VIII BRAZILIAN SYMPOSIUM ON COMPUTING SYSTEMS ENGINEERING (SBESC 2018) Book Series: Brazilian Symposium on Computing System Engineering Pages: 154-159 DOI: 10.1109/SBESC.2018.00030 Published: 2018 Accession Number: WOS:000494351500020 Conference Title: 8th Brazilian Symposium on Computing Systems Engineering (SBESC) Conference Date: NOV 06-09, 2018 Conference Location: Salvador, BRAZIL			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000494351500020
24	Title: Industrial Internet of things over tactile Internet in the context of intelligent manufacturing Author(s): Bai, Y (Bai, Yun) Source: CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS Volume: 21 Issue: 1 Special Issue: SI Pages: 869-877 DOI: 10.1007/s10586-017-0925-1 Published: MAR 2018 Accession Number: WOS:000457272700069	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000457272700069

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25	Title: A social network of collaborating industrial assets Author(s): Li, H (Li, Hao); Palau, AS (Palau, Adria Salvador); Parlikad, AK (Parlikad, Ajith Kumar) Source: PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART O-JOURNAL OF RISK AND RELIABILITY Volume: 232 Issue: 4 Special Issue: SI Pages: 389-400 DOI: 10.1177/1748006X18754975 Published: AUG 2018 Accession Number: WOS:000441406300006			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000441406300006
26	Title: An architecture based on RAMI 4.0 to discover equipment to process operations required by products Author(s): Pisching, MA (Pisching, Marcos A.); Pessoa, MAO (Pessoa, Marcosiris A. O.); Junqueira, F (Junqueira, Fabricio); dos Santos, DJ (dos Santos Filho, Diolino J.); Miyagi, PE (Miyagi, Paulo E.) Source: COMPUTERS & INDUSTRIAL ENGINEERING Volume: 125 Pages: 574-591 DOI: 10.1016/j.cie.2017.12.029 Published: NOV 2018 Accession Number: WOS:000449569500046 Conference Title: 46th International Conference on Computers and Industrial Engineering (CIE) Conference Date: OCT 29-31, 2016 Conference Location: Tianjin, PEOPLES R CHINA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000449569500046
27	Title: IIoT-based Motion Control Efficiency in Automated Warehouses Author(s): Benzi, F (Benzi, Francesco); Bassi, E (Bassi, Ezio); Marabelli, F (Marabelli, Filippo); Belloni, N (Belloni, Nelson); Lombardi, M (Lombardi, Marco) Book Group Author(s): IEEE Source: 2019 AEIT INTERNATIONAL ANNUAL CONFERENCE (AEIT), 111TH EDITION Published: 2019 Accession Number: WOS:000609876300052 Conference Title: 111th AEIT International Annual Conference (AEIT) Conference Date: SEP 18-20, 2019 Conference Location: Firenze, ITALY			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000609876300052
28	Title: Container-Based Multi-purpose IoT Architecture for User-Friendly Applications with Cloud Chatbot Agent Author(s): Lee, J (Lee, Jaehyeong); Um, C (Um, Changyong); Hwang, S (Hwang, Soonsung); Jeong, J (Jeong, Jongpil) Edited by: Misra S; Gervasi O; Murgante B; Stankova E; Korkhov V; Torre C; Rocha AMAC; Taniar D; Aduhan BO; Tarantino E Source: COMPUTATIONAL SCIENCE AND ITS APPLICATIONS - ICCSA 2019, PT VI: 19TH INTERNATIONAL CONFERENCE, SAINT PETERSBURG, RUSSIA, JULY 14, 2019, PROCEEDINGS, PART VI Book Series: Lecture Notes in Computer Science Volume: 11624 Pages: 121-134 DOI: 10.1007/978-3-030-24311-1_9 Published: 2019 Accession Number: WOS:000661301300009 Conference Title: 19th International Conference on Computational Science and Its Applications (ICCSA) Conference Date: JUL 01-04, 2019 Conference Location: Saint Petersburg, RUSSIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000661301300009
29	Title: A Real-Time Optimization Algorithm for the Integrated Planning and Scheduling Problem Towards the Context of Industry 4.0 Author(s): Leite, M (Leite, Mario); Pinto, T (Pinto, Telmo); Alves, C (Alves, Claudio) Source: FME TRANSACTIONS Volume: 47 Issue: 4 Pages: 775-781 DOI: 10.5937/fmet1904775L Published: 2019 Accession Number: WOS:000476644100014			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000476644100014

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30	Title: Monitoring System In Industry Using IoT Author(s): Jagadesh, M (Jagadesh, M.); Saravanan, M (Saravanan, M.); Narayanan, V (Narayanan, V); Vadhana, MP (Vadhana, Priya M.); Logeshwaran, K (Logeshwaran, K.) Book Group Author(s): IEEE Source: 2019 5TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING & COMMUNICATION SYSTEMS (ICACCS) Book Series: International Conference on Advanced Computing and Communication Systems Pages: 745-748 Published: 2019 Accession Number: WOS:000477742500160 Conference Title: 5th International Conference on Advanced Computing and Communication Systems (ICACCS) Conference Date: MAR 15-16, 2019 Conference Location: Coimbatore, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000477742500160
31	Title: Development capabilities for smart products Author(s): Tomiyama, T (Tomiyama, Tetsuo); Lutters, E (Lutters, Eric); Stark, R (Stark, Rainer); Abramovici, M (Abramovici, Michael) Source: CIRP ANNALS-MANUFACTURING TECHNOLOGY Volume: 68 Issue: 2 Pages: 727-750 DOI: 10.1016/j.cirp.2019.05.010 Published: 2019 Accession Number: WOS:000481657600006	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000481657600006
32	Title: An IoT Architecture for Automated Machining Process Control: A Case Study of Tool Life Enhancement in Turning Operations Author(s): Nguyen, V (Vinh Nguyen); Malchodi, T (Malchodi, Thomas); Dinar, M (Dinar, Mahmoud); Melkote, SN (Melkote, Shreyes N.); Mishra, A (Mishra, Anant); Rajagopalan, S (Rajagopalan, Sudhir) Source: SMART AND SUSTAINABLE MANUFACTURING SYSTEMS Volume: 3 Issue: 2 Pages: 14-26 DOI: 10.1520/SSMS20190017 Published: 2019 Accession Number: WOS:000502628800002			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000502628800002
33	Title: Industry 4.0: A bibliometric analysis and detailed overview Author(s): Muhuri, PK (Muhuri, Pranab K.); Shukla, AK (Shukla, Amit K.); Abraham, A (Abraham, Ajith) Source: ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE Volume: 78 Pages: 218-235 DOI: 10.1016/j.engappai.2018.11.007 Published: FEB 2019 Accession Number: WOS:000456757300015	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000456757300015
34	Title: Green Activity-Based Costing Production Planning and Scenario Analysis for the Aluminum-Alloy Wheel Industry under Industry 4.0 Author(s): Tsai, WH (Tsai, Wen-Hsien); Chu, PY (Chu, Po-Yuan); Lee, HL (Lee, Hsiu-Li) Source: SUSTAINABILITY Volume: 11 Issue: 3 Article Number: 756 DOI: 10.3390/su11030756 Published: FEB 1 2019 Accession Number: WOS:000458929500201	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000458929500201
35	Title: Internet of Things in Marine Environment Monitoring: A Review Author(s): Xu, GB (Xu, Guobao); Shi, YJ (Shi, Yanjun); Sun, XY (Sun, Xueyan); Shen, WM (Shen, Weiming) Source: SENSORS Volume: 19 Issue: 7 Article Number: 1711 DOI: 10.3390/s19071711 Published: APR 1 2019 Accession Number: WOS:000465570700230	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000465570700230
36	Title: DEVELOPMENT OF A SOFTWARE-BASED MONITORING AND INFORMATION SYSTEM FOR INDUSTRIAL TELEMETRY APPLICATIONS Author(s): Prinsloo, J (Prinsloo, J.); Mathews, M (Mathews, M.); du Plessis, J (du Plessis, J.); Vosloo, J (Vosloo, J.) Source: SOUTH AFRICAN JOURNAL OF INDUSTRIAL ENGINEERING Volume: 30 Issue: 1 Pages: 54-68 DOI: 10.7166/30-1-1901 Published: MAY 2019 Accession Number: WOS:000469368300005			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000469368300005

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37	Title: Industrial wireless sensor and actuator networks in industry 4.0: Exploring requirements, protocols, and challenges-A MAC survey Author(s): Raza, S (Raza, Saleem); Faheem, M (Faheem, Muhammad); Guenes, M (Guenes, Mesut) Source: INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS Volume: 32 Issue: 15 Article Number: e4074 DOI: 10.1002/dac.4074 Early Access Date: AUG 2019 Published: OCT 2019 Accession Number: WOS:000480977100001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000480977100001
38	Title: A comparison of fog and cloud computing cyber-physical interfaces for Industry 4.0 real-time embedded machine learning engineering applications Author(s): O'Donovan, P (O'Donovan, Peter); Gallagher, C (Gallagher, Colm); Leahy, K (Leahy, Kevin); O'Sullivan, DTJ (O'Sullivan, Dominic T. J.) Source: COMPUTERS IN INDUSTRY Volume: 110 Pages: 12-35 DOI: 10.1016/j.compind.2019.04.016 Published: SEP 2019 Accession Number: WOS:000472988000003	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000472988000003
39	Title: Design and Development of an IoT Gateway for Smart Building Applications Author(s): Nugur, A (Nugur, Aditya); Pipattanasomporn, M (Pipattanasomporn, Manisa); Kuzlu, M (Kuzlu, Murat); Rahman, S (Rahman, Saifur) Source: IEEE INTERNET OF THINGS JOURNAL Volume: 6 Issue: 5 Special Issue: SI Pages: 9020-9029 DOI: 10.1109/JIOT.2019.2926099 Published: OCT 2019 Accession Number: WOS:000491295800135	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000491295800135
40	Title: Securing IoT Devices using Geographic and Continuous Login Blocking: A Honeypot Study Author(s): Heiding, F (Heiding, Fredrik); Omer, MA (Omer, Mohammad-Ali); Wallstrom, A (Wallstrom, Andreas); Lagerstrom, R (Lagerstrom, Robert) Edited by: Furnell S; Mori P; Weippl E; Camp O Source: ICISSP: PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON INFORMATION SYSTEMS SECURITY AND PRIVACY Pages: 424-431 DOI: 10.5220/0008954704240431 Published: 2020 Accession Number: WOS:000570766300043 Conference Title: 6th International Conference on Information Systems Security and Privacy (ICISSP) Conference Date: FEB 25-27, 2020 Conference Location: Valletta, MALTA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000570766300043
41	Title: Enhancing Reliability and Fault Tolerance in IoT Author(s): Vedavalli, P (Vedavalli, Perigisetty); Ch, D (Ch, Deepak) Book Group Author(s): IEEE Source: 2020 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND SIGNAL PROCESSING (AISP) Published: 2020 Accession Number: WOS:000571180100026 Conference Title: International Conference on Artificial Intelligence and Signal Processing (AISP) Conference Date: JAN 10-12, 2020 Conference Location: VIT AP Univ, Amaravati, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000571180100026
42	Title: A Survey on Internet of Things (IoT): Layer Specific vs. Domain Specific Architecture Author(s): Singh, SP (Singh, Sharad Pratap); Kumar, V (Kumar, Vinesh); Singh, AK (Singh, Akhilesh Kumar); Singh, S (Singh, Shalini) Edited by: Smys S; Senjyu T; Lafata P Source: SECOND INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS AND COMMUNICATION TECHNOLOGIES, ICCNCT 2019 Book Series: Lecture Notes on Data Engineering and Communications Technologies Volume: 44 Pages: 333-341 DOI: 10.1007/978-3-030-37051-0_39 Published: 2020 Accession Number: WOS:000656462300039 Conference Title: 2nd International Conference on Computer Networks and Communication Technologies (ICCNCT) Conference Date: MAY 23-24, 2019 Conference Location: Coimbatore, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000656462300039

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43	Title: Effective peer-to-peer design for supporting range query in Internet of Things applications Author(s): Djellabi, B (Djellabi, Brahim); Younis, M (Younis, Mohamed); Amad, M (Amad, Mourad) Source: COMPUTER COMMUNICATIONS Volume: 150 Pages: 506-518 DOI: 10.1016/j.comcom.2019.12.017 Published: JAN 15 2020 Accession Number: WOS:000514749000049	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000514749000049
44	Title: A Survey on Architecture, Protocols and Challenges in IoT Author(s): Sobin, CC (Sobin, C. C.) Source: WIRELESS PERSONAL COMMUNICATIONS Volume: 112 Issue: 3 Pages: 1383-1429 DOI: 10.1007/s11277-020-07108-5 Published: JUN 2020 Accession Number: WOS:000536662300005			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000536662300005
45	Title: Cyber-physical systems architectures for industrial internet of things applications in Industry 4.0: A literature review Author(s): Pivoto, DGS (Pivoto, Diego G. S.); de Almeida, LFF (de Almeida, Luiz F. F.); Righi, RD (Righi, Rodrigo da Rosa); Rodrigues, JPC (Rodrigues, Joel J. P. C.); Lugli, AB (Lugli, Alexandre Baratella); Alberti, AM (Alberti, Antonio M.) Source: JOURNAL OF MANUFACTURING SYSTEMS Volume: 58 Pages: 176-192 DOI: 10.1016/j.jmsy.2020.11.017 Part: A Published: JAN 2021 Accession Number: WOS:000620668400007	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000620668400007
46	Title: Industrial Design and Development Software System Architecture Based on Model-Based Systems Engineering and Cloud Computing Author(s): Yu, C (Yu, Chao); Li, Q (Li, Qing); Liu, K (Liu, Kui); Chen, YW (Chen, Yuwen); Wei, HL (Wei, Hailong) Source: ANNUAL REVIEWS IN CONTROL Volume: 51 Pages: 401-423 DOI: 10.1016/j.arcontrol.2021.04.011 Published: 2021 Accession Number: WOS:000664997200005	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000664997200005
47	Title: An IoT-Based Network for Smart Urbanization Author(s): Saeed, SA (Saeed, Sabeeh Ahmad); Khan, FZ (Khan, Farrukh Zeeshan); Iqbal, Z (Iqbal, Zeshan); Alroobaea, R (Alroobaea, Roobaea); Ahmad, M (Ahmad, Muneer); Talha, M (Talha, Muhammad); Raza, MA (Raza, Muhammad Ahsan); Ali, I (Ali, Ihsan) Source: WIRELESS COMMUNICATIONS & MOBILE COMPUTING Volume: 2021 Article Number: 5584667 DOI: 10.1155/2021/5584667 Published: APR 5 2021 Accession Number: WOS:000641742500002			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000641742500002
48	Title: Encryption Based on Cellular Automata for Wireless Devices in IoT Environment Author(s): Shanmuganathan, H (Shanmuganathan, Harinee); Mahendran, A (Mahendran, Anand) Source: INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY Volume: 18 Issue: 3 Pages: 347-355 DOI: 10.34028/iajit/18/3/11 Published: MAY 2021 Accession Number: WOS:000667208600011			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000667208600011
49	Title: Drone Security: Issues and Challenges Author(s): Majeed, R (Majeed, Rizwan); Abdullah, NA (Abdullah, Nurul Azma); Mushtaq, MF (Mushtaq, Muhammad Faheem); Kazmi, R (Kazmi, Rafaqut) Source: INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS Volume: 12 Issue: 5 Pages: 720-729 Published: MAY 2021 Accession Number: WOS:000668461200085			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000668461200085
50	Title: Impact of Industry 4.0 on Corporate Financial Performance: A Moderated Mediation Model Author(s): Chen, HL (Chen, Hong-Long) Source: SUSTAINABILITY Volume: 13 Issue: 11 Article Number: 6069 DOI: 10.3390/su13116069 Published: JUN 2021 Accession Number: WOS:000660756500001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000660756500001

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51	Title: Enhancing Security in the Industrial IoT Sector using Quantum Computing Author(s): Ahmad, SF (Ahmad, Syed Farhan); Ferjani, MY (Ferjani, Mohamed Yassine); Kasliwal, K (Kasliwal, Keshav) Book Group Author(s): IEEE Source: 2021 28TH IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, CIRCUITS, AND SYSTEMS (IEEE ICECS 2021) Book Series: IEEE International Conference on Electronics Circuits and Systems DOI: 10.1109/ICECS53924.2021.9665527 Published: 2021 Accession Number: WOS:000784162400070 Conference Title: 28th IEEE International Conference on Electronics, Circuits, and Systems (IEEE ICECS) Conference Date: NOV 28-DEC 01, 2021 Conference Location: Dubai, U ARAB EMIRATES			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000784162400070
52	Title: Holistic Approach to Smart Factory Author(s): Monsone, C (Monsone, Cristina) Edited by: MercierLaurent E; Kayalica MO; Owoc ML Source: ARTIFICIAL INTELLIGENCE FOR KNOWLEDGE MANAGEMENT, AI4KM 2021 Book Series: IFIP Advances in Information and Communication Technology Volume: 614 Pages: 160-176 DOI: 10.1007/978-3-030-80847-1_11 Published: 2021 Accession Number: WOS:000777635100011 Conference Title: 8th IFIP WG 12.6 International Workshop on Artificial Intelligence for Knowledge Management (AI4KM) Conference Date: JAN 07-08, 2021 Conference Location: ELECTR NETWORK			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000777635100011
53	Title: Completion of Chemical Reaction in Remote Locations Using Data Analytics Built on Internet of Things Platform Author(s): Christy, A (Christy, A.); Praveena, MDA (Praveena, M. D. Anto); Vaithyasubramanian, S (Vaithyasubramanian, S.); Roobini, MS (Roobini, M. S.) Book Group Author(s): IEEE Source: PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021) Pages: 253-257 DOI: 10.1109/I-SMAC52330.2021.9640994 Published: 2021 Accession Number: WOS:000760875500042 Conference Title: 5th International Conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC) Conference Date: NOV 11-13, 2021 Conference Location: ELECTR NETWORK			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000760875500042
54	Title: Production Plant and Warehouse Automation with IoT and Industry 5.0 Author(s): Fatima, Z (Fatima, Zainab); Tanveer, MH (Tanveer, Muhammad Hassan); Waseemullah, S (Waseemullah, Shehnila); Zardari, S (Zardari, Shehnila); Naz, LF (Naz, Laviza Falak); Khadim, H (Khadim, Hina); Ahmed, N (Ahmed, Noorah); Tahir, M (Tahir, Midha) Source: APPLIED SCIENCES-BASEL Volume: 12 Issue: 4 Article Number: 2053 DOI: 10.3390/app12042053 Published: FEB 2022 Accession Number: WOS:000767574100001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000767574100001
55	Title: Exploring the Application Sphere of the Internet of Things in Industry 4.0: A Review, Bibliometric and Content Analysis Author(s): Kumar, R (Kumar, Raman); Rani, S (Rani, Sita); Al Awadh, M (Al Awadh, Mohammed) Source: SENSORS Volume: 22 Issue: 11 Article Number: 4276 DOI: 10.3390/s22114276 Published: JUN 2022 Accession Number: WOS:000809183500001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000809183500001

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56	Title: Process monitoring of machining Author(s): Teti, R (Teti, R.); Mourtzis, D (Mourtzis, D.); D'Addona, DM (D'Addona, D. M.); Caggiano, A (Caggiano, A.) Source: CIRP ANNALS-MANUFACTURING TECHNOLOGY Volume: 71 Issue: 2 Pages: 529-552 DOI: 10.1016/j.cirp.2022.05.009 Early Access Date: AUG 2022 Published: 2022 Accession Number: WOS:000848755500002	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000848755500002
57	Title: The Use of the Internet of Things in the Distribution Logistics of Consumables Author(s): Kvak, K (Kvak, Karol); Straka, M (Straka, Martin) Source: APPLIED SCIENCES-BASEL Volume: 14 Issue: 8 Article Number: 3263 DOI: 10.3390/app14083263 Published Date: 2024 APR Accession Number: WOS:001210038800001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001210038800001
58	Title: Application of IoT network for marine wildlife surveillance Author(s): Kumar, A (Kumar, Arun); Chakravarthy, S (Chakravarthy, Sumit); Nanthamornphong, A (Nanthamornphong, Aziz) Source: OPEN PHYSICS Volume: 21 Issue: 1 Article Number: 20230160 DOI: 10.1515/phys-2023-0160 Published Date: 2023 DEC 29 Accession Number: WOS:001134205300001			2.667	https://webofscience.com/wos/woscc/full-record/WOS:001134205300001
59	Title: Supervisory Monitoring and Control Solution on Android Mobile Devices for the Water Industry 4.0 Author(s): Mateoiu, AM (Mateoiu, Ana-Maria); Korodi, A (Korodi, Adrian); Stoianovici, A (Stoianovici, Anka); Tira, R (Tira, Radu) Source: SUSTAINABILITY Volume: 15 Issue: 22 Article Number: 16022 DOI: 10.3390/su152216022 Published Date: 2023 NOV Accession Number: WOS:001115274700001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001115274700001
60	Title: Comprehensive approach toward IIoT based condition monitoring of machining processes Author(s): Laghari, RA (Laghari, Rashid Ali); Mekid, S (Mekid, Samir) Source: MEASUREMENT Volume: 217 Article Number: 113004 DOI: 10.1016/j.measurement.2023.113004 Early Access Date: MAY 2023 Published Date: 2023 AUG Accession Number: WOS:001003209700001	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001003209700001
61	Title: Roadmap to Industry 5.0: Enabling technologies, challenges, and opportunities towards a holistic definition in management studies Author(s): Piccarozzi, M (Piccarozzi, Michela); Silvestri, L (Silvestri, Luca); Silvestri, C (Silvestri, Cecilia); Ruggieri, A (Ruggieri, Alessandro) Source: TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE Volume: 205 Article Number: 123467 DOI: 10.1016/j.techfore.2024.123467 Early Access Date: JUN 2024 Published Date: 2024 AUG Accession Number: WOS:001263742700001	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001263742700001
Gaitan, V.G., Gaitan, N.C. and Ungurean, I., 2014. CPU architecture based on a hardware scheduler and independent pipeline registers. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 23(9), pp.1661-1674.			3	0.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000364208100008

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62	Title: Improving the performance of CPU architectures by reducing the Operating System overhead Author(s): Zagan, I (Zagan, Ionel) Edited by: Romanovs A; Navakauskas D Source: PROCEEDINGS OF THE 2015 IEEE 3RD WORKSHOP ON ADVANCES IN INFORMATION, ELECTRONIC AND ELECTRICAL ENGINEERING (AIEEE 2015) Published: 2015 Accession Number: WOS:000380433700001 Conference Title: 3rd IEEE Workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE) Conference Date: NOV 13-14, 2015 Conference Location: Riga, LATVIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000380433700001
63	Title: An approach of MPRA technique over ARM cache architecture Author(s): Tanase, CA (Tanase, Cristian Andy) Book Group Author(s): IEEE Source: 2016 13TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS 2016) Pages: 86-90 Published: 2016 Accession Number: WOS:000383222200014 Conference Title: 13th International Conference on Development and Application Systems (DAS) Conference Date: MAY 19-21, 2016 Conference Location: Suceava, ROMANIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000383222200014
64	Title: The Events Priority in the nMPRA and Consumption of Resources Analysis on the FPGA Author(s): Ciobanu, EE (Ciobanu, Elena-Eugenia) Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 18 Issue: 1 Pages: 137-144 DOI: 10.4316/AECE.2018.01017 Published: 2018 Accession Number: WOS:000426449500017			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000426449500017
65	Title: Synthesis Analysis and Evaluation of Hardware Scheduler based on Different Scheduling Algorithms Author(s): Zagan, I (Zagan, Ionel) Book Group Author(s): IEEE Source: 2018 14TH INTERNATIONAL CONFERENCE ON DEVELOPMENT AND APPLICATION SYSTEMS (DAS) Pages: 18-25 Published: 2018 Accession Number: WOS:000467080400004 Conference Title: 14th International Conference on Development and Application Systems (DAS) Conference Date: MAY 24-26, 2018 Conference Location: Suceava, ROMANIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000467080400004
66	Title: Multi-Service Oriented Stream Data Synchronization Scheme for Multicore Cipher Chips Author(s): Li, L (Li, Li); Li, FH (Li, Fenghua); Shi, GZ (Shi, Guozhen) Source: IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES Volume: E102A Issue: 1 Pages: 48-55 DOI: 10.1587/transfun.E102.A.48 Published: JAN 2019 Accession Number: WOS:000457302000007			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000457302000007
67	Title: A Novel Processor Architecture With a Hardware Microkernel to Improve the Performance of Task-Based Systems Author(s): Dantas, LP (Dantas, Leandro Poloni); de Azevedo, RJ (de Azevedo, Rodolfo J.); Gimenez, SP (Gimenez, Salvador Pinillos) Source: IEEE EMBEDDED SYSTEMS LETTERS Volume: 11 Issue: 2 Pages: 46-49 DOI: 10.1109/LES.2018.2864094 Published: JUN 2019 Accession Number: WOS:000469331300005	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000469331300005

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69	Title: Enhancing the Linguistic Landscape with the Proper Deployment of the Internet of Things Technologies: A Case Study of Smart Malls Author(s): Algarni, F (Algarni, Fahad); Ullah, A (Ullah, Azmat); Aloufi, K (Aloufi, Khalid) Edited by: Arai K; Bhatia R; Kapoor S Source: PROCEEDINGS OF THE FUTURE TECHNOLOGIES CONFERENCE (FTC) 2019, VOL 2 Book Series: Advances in Intelligent Systems and Computing Volume: 1070 Pages: 13-39 DOI: 10.1007/978-3-030-32523-7_2 Published: 2020 Accession Number: WOS:000560948600002 Conference Title: Future Technologies Conference (FTC) Conference Date: OCT 24-25, 2019 Conference Location: San Francisco, CA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000560948600002
70	Title: Performant, Multi-Objective Scheduling of Highly Interleaved Task Graphs on Heterogeneous System on Chip Devices Author(s): Mack, J (Mack, Joshua); Arda, SE (Arda, Samet E.); Ogras, UY (Ogras, Umit Y.); Akoglu, A (Akoglu, Ali) Source: IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS Volume: 33 Issue: 9 Pages: 2148-2162 DOI: 10.1109/TPDS.2021.3135876 Published: SEPT 1 2022 Accession Number: WOS:000752009900006			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000752009900006
71	Title: High-Performance Reconfigurable Pipeline Implementation for FPGA-Based SmartNIC Author(s): Song, XY (Song, Xiaoyong); Lu, R (Lu, Rui); Guo, ZC (Guo, Zhichuan) Source: MICROMACHINES Volume: 15 Issue: 4 Article Number: 449 DOI: 10.3390/mi15040449 Published Date: 2024 APR Accession Number: WOS:001210441600001 PubMed ID: 38675261			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:001210441600001
72	Title: CV32RT: Enabling Fast Interrupt and Context Switching for RISC-V Microcontrollers Author(s): Balas, R (Balas, Robert); Ottaviano, A (Ottaviano, Alessandro); Benini, L (Benini, Luca) Source: IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS Volume: 32 Issue: 6 Pages: 1032-1044 DOI: 10.1109/TVLSI.2024.3377130 Early Access Date: MAR 2024 Published Date: 2024 JUN Accession Number: WOS:001193695400001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001193695400001
73	Title: High-Performance Reconfigurable Pipeline Implementation for FPGA-Based SmartNIC Author(s): Song, XY (Song, Xiaoyong); Lu, R (Lu, Rui); Guo, ZC (Guo, Zhichuan) Source: MICROMACHINES Volume: 15 Issue: 4 Article Number: 449 DOI: 10.3390/mi15040449 Published Date: 2024 APR Accession Number: WOS:001210441600001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:001210441600001
Ungurean, I. and Brezilianu, A., 2017. An internet of things framework for remote monitoring of the healthcare parameters. <i>Advances in Electrical and Computer Engineering</i> , 17(2), pp.11-16.			2	0.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000405378100002
74	Title: A Proposed Internet of Everything Framework for Disease Prediction Author(s): Maghawry, NE (Maghawry, Noura E.); Ghoniemy, S (Ghoniemy, Samy) Source: INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING Volume: 15 Issue: 4 Pages: 20-27 DOI: 10.3991/ijoe.v15i04.9834 Published: 2019 Accession Number: WOS:000459814600002			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000459814600002

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75	Title: Health Internet of Things: Strengths, Weakness, Opportunity, and Threats Author(s): Gholamhosseini, L (Gholamhosseini, Leila); Sadoughi, F (Sadoughi, Farahnaz); Ahmadi, H (Ahmadi, Hossein); Safaei, A (Safaei, Aliasghar) Book Group Author(s): IEEE Source: 2019 5TH INTERNATIONAL CONFERENCE ON WEB RESEARCH (ICWR) Pages: 287-296 Published: 2019 Accession Number: WOS:000484793000048 Conference Title: 5th International Conference on Web Research (ICWR) Conference Date: APR 24-25, 2019 Conference Location: Tehran, IRAN			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000484793000048
76	Title: Data Gathering Optimization in Wireless Sensor Networks using Unmanned Aerial Vehicles Author(s): Vladuta, VA (Vladuta, Valentin-Alexandru); Matei, I (Matei, Ioana); Bica, I (Bica, Ion) Book Group Author(s): IEEE Source: 2019 22ND INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS) Book Series: International Conference on Control Systems and Computer Science CSCS Pages: 123-130 DOI: 10.1109/CSCS.2019.00029 Published: 2019 Accession Number: WOS:000491270300022 Conference Title: 22nd International Conference on Control Systems and Computer Science (CSCS) Conference Date: MAY 28-30, 2019 Conference Location: Univ Politehnica Bucharest, Bucharest, ROMANIA			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000491270300022
77	Title: Internet of things in medicine: A systematic mapping study Author(s): Sadoughi, F (Sadoughi, Farahnaz); Behmanesh, A (Behmanesh, Ali); Sayfour, N (Sayfour, Nasrin) Source: JOURNAL OF BIOMEDICAL INFORMATICS Volume: 103 Article Number: 103383 DOI: 10.1016/j.jbi.2020.103383 Published: MAR 2020 Accession Number: WOS:000525735700007	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000525735700007
78	Title: Acquisition and Transmission of ECG Signals Through Stainless Steel Yarn Embroidered in Shirts Author(s): Munteanu, RA (Munteanu, Radu Adrian); Banuleasa, S (Banuleasa, Sabin); Rusu, A (Rusu, Alexandru); Butacu, DG (Butacu, Diana-Georgiana) Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 20 Issue: 2 Pages: 73-78 DOI: 10.4316/AECE.2020.02009 Published: MAY 2020 Accession Number: WOS:000537943500009			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000537943500009
79	Title: Fog computing in health: A systematic literature review Author(s): Costa, HJD (de Moura Costa, Humberto Jorge); da Costa, CA (da Costa, Cristiano Andre); Righi, RD (Righi, Rodrigo da Rosa); Antunes, RS (Antunes, Rodolfo Stoffel) Source: HEALTH AND TECHNOLOGY Volume: 10 Issue: 5 Pages: 1025-1044 DOI: 10.1007/s12553-020-00431-8 Early Access Date: MAY 2020 Published: SEP 2020 Accession Number: WOS:000536735800001			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000536735800001
80	Title: Design and Intensive Experimental Evaluation of an Enhanced Visible Light Communication System for Automotive Applications Author(s): Avatamanitei, SA (Avatamanitei, Sebastian-Andrei); Cailan, AM (Cailan, Alin-Mihai); Done, A (Done, Adrian); Dimian, M (Dimian, Mihai); Popa, V (Popa, Valentin); Prelipceanu, M (Prelipceanu, Marius) Source: SENSORS Volume: 20 Issue: 11 Article Number: 3190 DOI: 10.3390/s20113190 Published: JUN 2020 Accession Number: WOS:000552737900183	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000552737900183

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81	Title: Technological Features of Internet of Things in Medicine: A Systematic Mapping Study Author(s): Behmanesh, A (Behmanesh, Ali); Sayfour, N (Sayfour, Nasrin); Sadoughi, F (Sadoughi, Farahnaz) Source: WIRELESS COMMUNICATIONS & MOBILE COMPUTING Volume: 2020 Article Number: 9238614 DOI: 10.1155/2020/9238614 Published: JUL 27 2020 Accession Number: WOS:000561366600001			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000561366600001
82	Title: Energy-balanced data collection with path-constrained mobile sink in wireless sensor networks Author(s): Fu, XW (Fu, Xiuwen); He, XL (He, Xiaolin) Source: AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: 127 Article Number: 153504 DOI: 10.1016/j.aeue.2020.153504 Published: DEC 2020 Accession Number: WOS:000591688600046	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000591688600046
83	Title: IoT-based telemedicine for disease prevention and health promotion: State-of-the-Art Author(s): Albahri, AS (Albahri, A. S.); Alwan, JK (Alwan, Jwan K.); Taha, ZK (Taha, Zahraa K.); Ismail, SF (Ismail, Sura F.); Hamid, RA (Hamid, Rula A.); Zaidan, AA (Zaidan, A. A.); Albahri, OS (Albahri, O. S.); Zaidan, BB (Zaidan, B. B.); Alamoodi, AH (Alamoodi, A. H.); Alsalem, MA (Alsalem, M. A.) Source: JOURNAL OF NETWORK AND COMPUTER APPLICATIONS Volume: 173 Article Number: 102873 DOI: 10.1016/j.jnca.2020.102873 Published: JAN 1 2021 Accession Number: WOS:000596609800004	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000596609800004
84	Title: A Long-Distance Communication Architecture for Medical Devices Based on LoRaWAN Protocol Author(s): Gaitan, NC (Gaitan, Nicoleta Cristina) Source: ELECTRONICS Volume: 10 Issue: 8 Article Number: 940 DOI: 10.3390/electronics10080940 Published: APR 2021 Accession Number: WOS:000643981800001			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000643981800001
85	Title: A Novel Software Architecture Solution with a Focus on Long-Term IoT Device Security Support Author(s): Dodig, I (Dodig, Ivica); Cafuta, D (Cafuta, Davor); Kramberger, T (Kramberger, Tin); Cesar, I (Cesar, Ivan) Source: APPLIED SCIENCES-BASEL Volume: 11 Issue: 11 Article Number: 4955 DOI: 10.3390/app11114955 Published: JUN 2021 Accession Number: WOS:000659603900001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000659603900001
86	Title: An ECG-based Authentication System Using Siamese Neural Networks Author(s): Ivanciu, L (Ivanciu, Liliana); Ivanciu, IA (Ivanciu, Iustin-Alexandru); Farago, P (Farago, Paul); Roman, M (Roman, Marius); Hintea, S (Hintea, Sorin) Source: JOURNAL OF MEDICAL AND BIOLOGICAL ENGINEERING Volume: 41 Issue: 4 Pages: 558-570 DOI: 10.1007/s40846-021-00637-9 Early Access Date: JUN 2021 Published: AUG 2021 Accession Number: WOS:000668062300002			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000668062300002
87	Title: IoT-based telemedicine for disease prevention and health promotion: State-of-the-Art Author(s): Albahri, AS (Albahri, A. S.); Alwan, JK (Alwan, Jwan K.); Taha, ZK (Taha, Zahraa K.); Ismail, SF (Ismail, Sura F.); Hamid, RA (Hamid, Rula A.); Zaidan, AA (Zaidan, A. A.); Albahri, OS (Albahri, O. S.); Zaidan, BB (Zaidan, B. B.); Alamoodi, AH (Alamoodi, A. H.); Alsalem, MA (Alsalem, M. A.) Source: JOURNAL OF NETWORK AND COMPUTER APPLICATIONS Volume: 173 Article Number: 102873 DOI: 10.1016/j.jnca.2020.102873 Published Date: 2021 JAN 1 Accession Number: WOS:000596609800004	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000596609800004

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88	Title: Layered Architecture for Internet of Things-based Healthcare System: A Systematic Literature Review Author(s): Nasiri, S (Nasiri, Somayeh); Sadoughi, F (Sadoughi, Farahnaz); Dehnad, A (Dehnad, Afsaneh); Tadayon, MH (Tadayon, Mohammad Hesam); Ahmadi, H (Ahmadi, Hossein) Source: INFORMATICA-AN INTERNATIONAL JOURNAL OF COMPUTING AND INFORMATICS Volume: 45 Issue: 4 Pages: 543-562 DOI: 10.31449/inf.v45i4.3601 Published Date: 2021 DEC Accession Number: WOS:000751596300005			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000751596300005
89	Title: IoT-Enabled Remote Monitoring Techniques for Healthcare Applications - An Overview Author(s): Benedict, S (Benedict, Shajulin) Source: INFORMATICA-AN INTERNATIONAL JOURNAL OF COMPUTING AND INFORMATICS Volume: 46 Issue: 2 Pages: 131-149 DOI: 10.31449/inf.v46i2.3912 Published Date: 2022 JUN Accession Number: WOS:000829273100001			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000829273100001
90	Title: Queue-Buffer Optimization Based on Aggressive Random Early Detection in Massive NB-IoT MANET for 5G Applications Author(s): Jafri, STA (Jafri, Syed Talib Abbas); Ahmed, I (Ahmed, Irfan); Ali, S (Ali, Sundus) Source: ELECTRONICS Volume: 11 Issue: 18 Article Number: 2955 DOI: 10.3390/electronics11182955 Published Date: 2022 SEP Accession Number: WOS:000859454800001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000859454800001
91	Title: Human Activity Recognition from Accelerometry, Based on a Radius of Curvature Feature Author(s): Cavita-Huerta, E (Cavita-Huerta, Elizabeth); Reyes-Reyes, J (Reyes-Reyes, Juan); Romero-Ugalde, HM (Romero-Ugalde, Hector M.); Osorio-Gordillo, GL (Osorio-Gordillo, Gloria L.); Escobar-Jiménez, RF (Escobar-Jimenez, Ricardo F.); Alvarado-Martínez, VM (Alvarado-Martinez, Victor M.) Source: MATHEMATICAL AND COMPUTATIONAL APPLICATIONS Volume: 29 Issue: 5 Article Number: 80 DOI: 10.3390/mca29050080 Published Date: 2024 OCT Accession Number: WOS:001340895900001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001340895900001
Ungurean, I., Gaitan, N.C. and Gaitan, V.G., 2016. A Middleware Based Architecture for the Industrial Internet of Things. KSII Transactions on Internet & Information Systems, 10(7).					
			3	0.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000381404300001
92	Title: A survey of secure middleware for the Internet of Things Author(s): Fremantle, P (Fremantle, Paul); Scott, P (Scott, Philip) Source: PEERJ COMPUTER SCIENCE Article Number: e114 DOI: 10.7717/peerj-cs.114 Published: MAY 8 2017 Accession Number: WOS:000425417600001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000425417600001
93	Title: Complex network measurement and optimization of Chinese domestic movies with internet of things technology Author(s): Xiao, J (Xiao, Jia); Li, X (Li, Xin); Chen, SZ (Chen, Shanzhi); Wang, Y (Wang, Yan); Han, JX (Han, Jiaxing); Zhou, ZL (Zhou, Zhili) Source: COMPUTERS & ELECTRICAL ENGINEERING Volume: 66 Pages: 246-259 DOI: 10.1016/j.compeleceng.2017.07.009 Published: FEB 2018 Accession Number: WOS:000429760300020	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000429760300020
94	Title: Industrial Internet of Things: A Systematic Literature Review and Insights Author(s): Liao, YX (Liao, Yongxin); Loures, EDR (Rocha Loures, Eduardo de Freitas); Deschamps, F (Deschamps, Fernando) Source: IEEE INTERNET OF THINGS JOURNAL Volume: 5 Issue: 6 Pages: 4515-4525 DOI: 10.1109/IIOT.2018.2834151 Published: DEC 2018 Accession Number: WOS:000456475500027	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000456475500027

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95	Title: Novus-io: An Internet of Things Platform for Academic Projects Author(s): Lozoya, C (Lozoya, Camilo); Aguilar-Gonzalez, A (Aguilar-Gonzalez, Alberto); Favela-Contreras, A (Favela-Contreras, Antonio); Zamora, A (Zamora, Arturo) Source: KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS Volume: 12 Issue: 12 Pages: 5634-5653 DOI: 10.3837/tiis.2018.12.002 Published: DEC 31 2018 Accession Number: WOS:000454634300002			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000454634300002
96	Title: Asset Supply Chain Management System-based IoT Technology for Higher Education Institutions Author(s): Kuandeet, W (Kuandeet, Watjanarat); Nilsook, P (Nilsook, Prachyanun); Wannapiroon, P (Wannapiroon, Panita) Source: INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING Volume: 15 Issue: 3 Pages: 4-20 DOI: 10.3991/ijoe.v15i03.8533 Published: 2019 Accession Number: WOS:000458646200001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000458646200001
97	Title: OPC UA versus ROS, DDS, and MQTT: Performance Evaluation of Industry 4.0 Protocols Author(s): Profanter, S (Profanter, Stefan); Tekat, A (Tekat, Ayhun); Dorofeev, K (Dorofeev, Kirill); Rickert, M (Rickert, Markus); Knoll, A (Knoll, Alois) Book Group Author(s): IEEE Source: 2019 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY (ICIT) Book Series: IEEE International Conference on Industrial Technology Pages: 955-962 DOI: 10.1109/ICIT.2019.8755050 Published: 2019 Accession Number: WOS:000490548300152 Conference Title: IEEE International Conference on Industrial Technology (IEEE ICIT) Conference Date: FEB 13-15, 2019 Conference Location: Melbourne, AUSTRALIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000490548300152
98	Title: Component-Based Microservices for Flexible and Scalable Automation of Industrial Bioprocesses Author(s): Ibarra-Junquera, V (Ibarra-Junquera, Vrani); Gonzalez-Potes, A (Gonzalez-Potes, Apolinar); Paredes, CM (Paredes, Carlos Mario); Martinez-Castro, D (Martinez-Castro, Diego); Nunez-Vizcaino, RA (Nunez-Vizcaino, Rubi A.) Source: IEEE ACCESS Volume: 9 Pages: 58192-58207 DOI: 10.1109/ACCESS.2021.3072040 Published: 2021 Accession Number: WOS:000641954100001	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000641954100001
99	Title: A Novel Software Architecture Solution with a Focus on Long-Term IoT Device Security Support Author(s): Dodig, I (Dodig, Ivica); Cafuta, D (Cafuta, Davor); Kramberger, T (Kramberger, Tin); Cesar, I (Cesar, Ivan) Source: APPLIED SCIENCES-BASEL Volume: 11 Issue: 11 Article Number: 4955 DOI: 10.3390/app11114955 Published: JUN 2021 Accession Number: WOS:000659603900001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000659603900001
100	Title: Industrial IoT middleware using a multi-agent system for consistency-based diagnostic in cement factory Author(s): Benayache, A (Benayache, Ayoub); Bilami, A (Bilami, Azeddine); Benaggoune, K (Benaggoune, Khaled); Mouss, H (Mouss, Hayet) Source: INTERNATIONAL JOURNAL OF AUTONOMOUS AND ADAPTIVE COMMUNICATIONS SYSTEMS Volume: 14 Issue: 3 Pages: 291-310 DOI: 10.1504/IJAACS.2021.117805 Published Date: 2021 Accession Number: WOS:000889119200004			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000889119200004
101	Title: Integrated Industrial Reference Architecture for Smart Healthcare in Internet of Things: A Systematic Investigation Author(s): Aguru, AD (Aguru, Aswani Devi); Babu, ES (Babu, Erukala Suresh); Nayak, SR (Nayak, Soumya Ranjan); Sethy, A (Sethy, Abhisek); Verma, A (Verma, Amit) Source: ALGORITHMS Volume: 15 Issue: 9 Article Number: 309 DOI: 10.3390/a15090309 Published Date: 2022 SEP Accession Number: WOS:000859559400001	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000859559400001

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111	Title: A Server Model for Reliable Communication on Cell/BE Author(s): Zhou, R (Zhou, Rui); Chen, HM (Chen, Huaming); Liu, Q (Liu, Qun); Sheng, Y (Sheng, Yong); Zhou, QG (Zhou, Qingguo); Wang, X (Wang, Xuan); Li, KC (Li, Kuan-Ching) Book Group Author(s): IEEE Source: 2013 42ND ANNUAL INTERNATIONAL CONFERENCE ON PARALLEL PROCESSING (ICPP) Book Series: Proceedings of the International Conference on Parallel Processing Pages: 1020-1027 DOI: 10.1109/ICPP.2013.121 Published: 2013 Accession Number: WOS:000330046000110 Conference Title: 42nd Annual International Conference on Parallel Processing (ICPP) Conference Date: OCT 01-04, 2013 Conference Location: Ecole Normale Supérieure Lyon, Lyon, FRANCE			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000330046000110
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129	Title: Lightweight Software Architecture Evaluation for Industry: A Comprehensive Review Author(s): Sahlabadi, M (Sahlabadi, Mahdi); Muniyandi, RC (Muniyandi, Ravie Chandren); Shukur, Z (Shukur, Zarina); Qamar, F (Qamar, Faizan) Source: SENSORS Volume: 22 Issue: 3 Article Number: 1252 DOI: 10.3390/s22031252 Published Date: 2022 FEB Accession Number: WOS:000756392400001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000756392400001
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132	Title: Data acquisition and monitoring system framed in Industrial Internet of Things for PEM hydrogen generators Author(s): Folgado, FJ (Folgado, Francisco Javier); González, I (Gonzalez, Isaías); Calderón, AJ (Calderon, Antonio Jose) Source: INTERNET OF THINGS Volume: 22 Article Number: 100795 DOI: 10.1016/j.iot.2023.100795 Early Access Date: MAY 2023 Published Date: 2023 JUL Accession Number: WOS:001056630400001	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001056630400001
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137	Title: Ensuring the Integrity, Confidentiality, and Availability of IoT Data in Industry 5.0: A Systematic Mapping Study Author(s): Boistrond, K (Boistrond, Kerson); Tardif, PM (Tardif, Pierre Martin); Jaafar, F (Jaafar, Fehmi) Source: IEEE ACCESS Volume: 12 Pages: 107017-107045 DOI: 10.1109/ACCESS.2024.3434618 Published Date: 2024 Accession Number: WOS:001288425100001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001288425100001

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140	Title: Enabling Design of Secure IoT Systems with Trade-Off-Aware Architectural Tactics Author(s): Orellana, C (Orellana, Cristian); Cereceda-Balic, F (Cereceda-Balic, Francisco); Solar, M (Solar, Mauricio); Astudillo, H (Astudillo, Hernan) Source: SENSORS Volume: 24 Issue: 22 Article Number: 7314 DOI: 10.3390/s24227314 Published Date: 2024 NOV Accession Number: WOS:001366575800001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001366575800001
141	Title: Implementation and Experimental Application of Industrial IoT Architecture Using Automation and IoT Hardware/Software Author(s): Calderón, D (Calderon, David); Folgado, FJ (Folgado, Francisco Javier); González, I (Gonzalez, Isaias); Calderón, AJ (Calderon, Antonio Jose) Source: SENSORS Volume: 24 Issue: 24 Article Number: 8074 DOI: 10.3390/s24248074 Published Date: 2024 DEC Accession Number: WOS:001387178300001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001387178300001
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142	Title: INTERNET OF THINGS IN LOGISTICS Author(s): Radivojevic, G (Radivojevic, Gordana); Bjelic, N (Bjelic, Nenad); Popovic, D (Popovic, Drazen) Edited by: Vidovic M; Kilibarda M; Zecevic S; Miljus M; Radivojevic G Source: PROCEEDINGS OF THE 3RD LOGISTICS INTERNATIONAL CONFERENCE Pages: 185-190 Published: 2017 Accession Number: WOS:000518370900031 Conference Title: 3rd Logistics International Conference (LOGIC) Conference Date: MAY 25-27, 2017 Conference Location: Belgrade, SERBIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000518370900031
143	Title: DEMAND SIDE MANAGEMENT OF INTERNET OF THINGS DATA Author(s): Opera, SV (Opera, Simona Vasilica); Tudorica, BG (Tudorica, Bogdan George); Belciu, A (Belciu, Anda); Botha, I (Botha, Iuliana) Edited by: Boja C; Doinea M; Pocatilu P; Ciurea C; Batagan L; Velicanu A; Manafi I; Zamfiroiu A; Zurini M Source: PROCEEDINGS OF THE 16TH INTERNATIONAL CONFERENCE ON INFORMATICS IN ECONOMY (IE 2017): EDUCATION, RESEARCH & BUSINESS TECHNOLOGIES Pages: 311-316 Published: 2017 Accession Number: WOS:000418463600050 Conference Title: 16th International Conference on Informatics in Economy (IE 2017): Education, Research and Business Technologies Conference Date: MAY 04-07, 2017 Conference Location: Bucharest, ROMANIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000418463600050

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144	Title: Towards a Process Reference Model for the Information Value Chain in IoT Applications Author(s): Wunck, C (Wunck, Christoph); Baumann, S (Baumann, Sabine) Edited by: Weber C; Bierwolf R; Holzmann T Source: 2017 IEEE EUROPEAN TECHNOLOGY AND ENGINEERING MANAGEMENT SUMMIT (E-TEMS) Pages: 37-42 Published: 2017 Accession Number: WOS:000427841000005 Conference Title: IEEE European Technology and Engineering Management Summit (E-TEMS) Conference Date: OCT 17-20, 2017 Conference Location: Munich, GERMANY			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000427841000005
145	Title: Internet of Things and Social Networks: A survey Author(s): Tyagi, V (Tyagi, Vishu); Kumar, A (Kumar, Ashwini) Edited by: Astya PN; Swaroop A; Sharma V; Singh M; Gupta K Source: 2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA) Pages: 1268-1270 Published: 2017 Accession Number: WOS:000427628300226 Conference Title: IEEE International Conference on Computing, Communication and Automation (ICCCA) Conference Date: MAY 05-06, 2017 Conference Location: Noida, INDIA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000427628300226
146	Title: CLAY-MIST: IoT-cloud enabled CMM index for smart agriculture monitoring system Author(s): Mekala, MS (Mekala, Mahammad Shareef); Viswanathan, P (Viswanathan, P.) Source: MEASUREMENT Volume: 134 Pages: 236-244 DOI: 10.1016/j.measurement.2018.10.072 Published: FEB 2019 Accession Number: WOS:000468223900023	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000468223900023
147	Title: Security Challenges and Limitations in IoT Environments Author(s): Al-Sharekh, SI (Al-Sharekh, Suha Ibrahim); Al-Shqeerat, KHA (Al-Shqeerat, Khalil H. A.) Source: INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY Volume: 19 Issue: 2 Pages: 193-199 Published: FEB 28 2019 Accession Number: WOS:000460686700024			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000460686700024
148	Title: Equilibrium Transmission Bi-level Energy Efficient Node Selection Approach for Internet of Things Author(s): Mekala, MS (Mekala, Mahammad Shareef); Viswanathan, P (Viswanathan, P.) Source: WIRELESS PERSONAL COMMUNICATIONS Volume: 108 Issue: 3 Pages: 1635-1663 DOI: 10.1007/s11277-019-06488-7 Published: OCT 2019 Accession Number: WOS:000486521000019			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000486521000019
149	Title: Survey on spectrum sharing/allocation for cognitive radio networks Internet of Things Author(s): Tarek, D (Tarek, Dina); Benslimane, A (Benslimane, Abderrahim); Darwish, M (Darwish, M.); Kotb, AM (Kotb, Amira M.) Source: EGYPTIAN INFORMATICS JOURNAL Volume: 21 Issue: 4 Pages: 231-239 DOI: 10.1016/j.eij.2020.02.003 Published: DEC 2020 Accession Number: WOS:000604639400005	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000604639400005
150	Author(s): Doualeh, AI (Doualeh, Amina Ibrahim); Abd Rahman, NA (Abd Rahman, Nor Azlina); Ismail, N (Ismail, Noris) Book Group Author(s): IEEE Source: 2021 14TH INTERNATIONAL CONFERENCE ON DEVELOPMENTS IN ESYSTEMS ENGINEERING (DESE) Book Series: International Conference on Developments in eSystems Engineering Pages: 136-141 DOI: 10.1109/DESE54285.2021.9719450 Published: 2021			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000803995400025

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151	Title: Smart Agriculture Cloud Using AI Based Techniques Author(s): Junaid, M (Junaid, Muhammad); Shaikh, A (Shaikh, Asadullah); Ul Hassan, M (Ul Hassan, Mahmood); Alghamdi, A (Alghamdi, Abdullah); Rajab, K (Rajab, Khairan); Al Reshan, MS (Al Reshan, Mana Saleh); Alkinani, M (Alkinani, Monagi) Source: ENERGIES Volume: 14 Issue: 16 Article Number: 5129 DOI: 10.3390/en14165129 Published: AUG 2021 Accession Number: WOS:000690470100001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000690470100001
152	Title: An investigation on teletraffic attributes for channel selection of IoT objects in cognitive radio internet of things networks towards 5G Author(s): Kundu, A (Kundu, Arnab); Arif, W (Arif, Wasim) Source: INTERNATIONAL JOURNAL OF COMMUNICATION NETWORKS AND DISTRIBUTED SYSTEMS Volume: 29 Issue: 1 Pages: 1-30 DOI: 10.1504/IJCND.S.2023.127472 Published Date: 2023 Accession Number: WOS:000895086600001			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000895086600001
Ungurean, I. and Gaitan, N.C., 2016, May. Monitoring and control system for smart buildings based on OPC UA specifications. In 2016			2		
153	Title: A Performance and Cost Evaluation of Combining OPC-UA and Microsoft Azure IoT Hub into an Industrial Internet-of-Things System Author(s): Forsstrom, S (Forsstrom, Stefan); Jennehag, U (Jennehag, Ulf) Book Group Author(s): IEEE Source: 2017 GLOBAL INTERNET OF THINGS SUMMIT (GIOTS 2017) Pages: 327-332 Published: 2017 Accession Number: WOS:000425861800056 Conference Title: Global Internet of Things Summit (GloTS) Conference Date: JUN 06-09, 2017 Conference Location: Geneva, SWITZERLAND			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000425861800056
154	Title: A Literature Survey on Open Platform Communications (OPC) Applied to Advanced Industrial Environments Author(s): Gonzalez, I (Gonzalez, Isaías); Calderon, AJ (Jose Calderon, Antonio); Figueiredo, J (Figueiredo, Joao); Sousa, JMC (Sousa, Joao M. C.) Source: ELECTRONICS Volume: 8 Issue: 5 Article Number: 510 DOI: 10.3390/electronics8050510 Published: MAY 2019 Accession Number: WOS:000470999900041			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000470999900041
155	Title: Distributed Online Load Sensitivity Identification by Smart Transformer and Industrial Metering Author(s): De Carne, G (De Carne, Giovanni); Bruno, S (Bruno, Sergio); Liserre, M (Liserre, Marco); La Scala, M (La Scala, Massimo) Source: IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS Volume: 55 Issue: 6 Pages: 7328-7337 DOI: 10.1109/TIA.2019.2918053 Part: 2 Published: NOV-DEC 2019 Accession Number: WOS:000504767900033	Q1		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000504767900033
156	Title: Enabling IoT connectivity for ModbusTCP sensors Author(s): John, T (John, Tony); Vorbrocker, M (Vorbroecker, Mathias) Book Group Author(s): IEEE Source: 2020 25TH IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Pages: 1335-1338 Published: 2020 Accession Number: WOS:000627406500207 Conference Title: 25th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Conference Date: SEP 08-11, 2020 Conference Location: Vienna, AUSTRIA			4.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000627406500207

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157	Title: Industrial Internet of Things Gateway with OPC UA Based on Sitara AM335X with ModbusE Acquisition Cycle Performance Analysis Author(s): Ventuneac, C (Ventuneac, Cornel); Gaitan, VG (Gaitan, Vasile Gheorghita) Source: SENSORS Volume: 24 Issue: 7 Article Number: 2072 DOI: 10.3390/s24072072 Published Date: 2024 APR Accession Number: WOS:001200860800001	Q2		8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:001200860800001
Gaitan, N.C., Gaitan, V.G., Ungurean, I. and Zagan, I., 2015, May. Methods to improve the performances of the real-time operating systems for small microcontrollers. In 2015 20th International Conference on Control Systems and Computer Science (pp. 261-266). IEEE.			4	0.000	
158	Title: A Fast and Secure Pipelined Barrel Processor for Safety-Critical Applications for Real-Time Operating Systems Author(s): Sim, MT (Sim, Mong Tee); Perera, DG (Perera, Darshika G.) Edited by: Chakrabarti S; Saha HN Source: 2019 IEEE 10TH ANNUAL UBIQUITOUS COMPUTING, ELECTRONICS & MOBILE COMMUNICATION CONFERENCE (UEMCON) Pages: 894-904 Published: 2019 Accession Number: WOS:000652198600140 Conference Title: IEEE 10th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference (UEMCON) Conference Date: OCT 10-12, 2019 Conference Location: Columbia Univ, New York, NY			2.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000652198600140
159	Title: A Dual Lockstep Processor System-on-a-Chip for Fast Error Recovery in Safety-Critical Applications Author(s): Sim, MT (Sim, Mong Tee); Zhuang, YY (Zhuang, Yanyan) Book Group Author(s): IEEE Source: IECON 2020: THE 46TH ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY Book Series: IEEE Industrial Electronics Society Pages: 2231-2238 Published: 2020 Accession Number: WOS:000637323702037 Conference Title: 46th Annual Conference of the IEEE-Industrial-Electronics-Society (IECON) Conference Date: OCT 19-21, 2020 Conference Location: ELECTR NETWORK			2.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000637323702037
160	Title: An Adaptive Overlap-Pipelined Multitasking Superscalar Processor Author(s): Sim, MT (Sim, Mong Tee); Yi, Q (Yi, Qing) Edited by: Chakrabarti S; Paul R; Gill B; Gangopadhyay M; Poddar S Source: 2020 IEEE INTERNATIONAL IOT, ELECTRONICS AND MECHATRONICS CONFERENCE (IEMTRONICS 2020) Pages: 26-32 Published: 2020 Accession Number: WOS:000655001800006 Conference Title: IEEE International IOT, Electronics and Mechatronics Conference (IEMTRONICS) Conference Date: SEP 09-12, 2020 Conference Location: Vancouver, INDIA			2.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000655001800006

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
161	Title: Boosting CPU Performance using Pipelined Branch and Jump Folding Hardware with Turbo Module Author(s): Sim, MT (Sim, Mong Tee) Book Group Author(s): IEEE COMP SOC Source: 2021 IEEE 14TH INTERNATIONAL SYMPOSIUM ON EMBEDDED MULTICORE/MANY-CORE SYSTEMS-ON-CHIP (MCSOC 2021) Pages: 359-365 DOI: 10.1109/MCSoc51149.2021.00060 Published: 2021 Accession Number: WOS:000788295800052 Conference Title: 14th IEEE International Symposium on Embedded Multicore/Many-Core Systems-on-Chip (MCSoc) Conference Date: DEC 20-23, 2021			2.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000788295800052
Ungurean, I., 2010. Job scheduling algorithm based on dynamic management of resources provided by grid computing systems. Elektronika ir Elektrotechnika, 103(7), pp.57-60.			1	0.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000282503600013
162	Title: Evaluation of the Performances of a Parallel Algorithm to Recognize the Patterns in Relation with the Sequential Variant Author(s): Pughineanu, C (Pughineanu, C.) Source: ELEKTRONIKA IR ELEKTROTECHNIKA Issue: 9 Pages: 65-68 Published: 2010 Accession Number: WOS:000286368000014			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000286368000014
163	Title: Parallel Algorithm Evaluation in the Image and Clustering Processing Author(s): Pughineanu, C (Pughineanu, C.); Balan, I (Balan, I.) Source: ELEKTRONIKA IR ELEKTROTECHNIKA Issue: 4 Pages: 89-92 Published: 2011 Accession Number: WOS:000290422000020			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000290422000020
164	Title: Tasks assignment for Grid computing Author(s): Meddeber, M (Meddeber, Meriem); Yagoubi, B (Yagoubi, Belabbas) Source: INTERNATIONAL JOURNAL OF WEB AND GRID SERVICES Volume: 7 Issue: 4 Pages: 427-443 DOI: 10.1504/IJWGS.2011.044697 Published: 2011 Accession Number: WOS:000299012300005	Q1		16.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000299012300005
165	Title: Improvement of WMS Functionality, Aiming to Minimize Processing Time of Jobs in Grid Computing Author(s): Pilkauskas, V (Pilkauskas, V.); Plestys, R (Plestys, R.); Vilutis, G (Vilutis, G.); Sandonavicius, D (Sandonavicius, D.) Source: ELEKTRONIKA IR ELEKTROTECHNIKA Issue: 7 Pages: 111-116 Published: 2011 Accession Number: WOS:000295565700022			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000295565700022
166	Title: Optimization of workflow scheduling in Utility Management System with hierarchical neural network Author(s): Vukmirovic, S (Vukmirovic, Srdjan); Erdeljan, A (Erdeljan, Aleksandar); Lendak, I (Lendak, Imre); Capko, D (Capko, Darko); Nedic, N (Nedic, Nemanja) Source: INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS Volume: 4 Issue: 4 Pages: 672-679 DOI: 10.1080/18756891.2011.9727821 Published: JUN-AUG 2011 Accession Number: WOS:000297795000022			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000297795000022
167	Title: Survey on Scheduling Issues in Cloud Computing Author(s): Vijindra (Vijindra); Shenai, S (Shenai, Sudhir) Edited by: Rajesh R; Ganesh K; Koh SCL Source: INTERNATIONAL CONFERENCE ON MODELLING OPTIMIZATION AND COMPUTING Book Series: Procedia Engineering Volume: 38 Pages: 2881-2888 DOI: 10.1016/j.proeng.2012.06.337 Published: 2012 Accession Number: WOS:000315044702099 Conference Title: International Conference on Modelling Optimisation and Computing (ICMOC) Conference Date: APR 10-11, 2012 Conference Location: Kumarakoil, INDIA			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000315044702099

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168	Title: Performances Analysis of a SCADA Architecture for Industrial Processes Author(s): Tcaciuc, SA (Tcaciuc, Simona-Anda) Source: INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS Volume: 8 Issue: 11 Pages: 456-460 Published: NOV 2017 Accession Number: WOS:000417985900055			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000417985900055
169	Title: Critical Aspects Pertaining Security of IoT Application Level Software Systems Author(s): Sarrab, M (Sarrab, Mohamed); Alnaeli, SM (Alnaeli, Saleh M.) Edited by: Chakrabarti S; Saha HN Source: 2018 IEEE 9TH ANNUAL INFORMATION TECHNOLOGY, ELECTRONICS AND MOBILE COMMUNICATION CONFERENCE (IEMCON) Pages: 960-964 Published: 2018 Accession Number: WOS:000461314200158 Conference Title: 9th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON) Conference Date: NOV 01-03, 2018 Conference Location: Univ British Columbia, Vancouver, CANADA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000461314200158
170	Title: Provisioned Data Distribution for Intelligent Manufacturing via Fog Computing Author(s): Sherlekar, R (Sherlekar, Riddhiman); Starly, B (Starly, Binil); Cohen, PH (Cohen, Paul H.) Edited by: Fratini L; Ragai I; Wang L Source: 47TH SME NORTH AMERICAN MANUFACTURING RESEARCH CONFERENCE (NAMRC 47) Book Series: Procedia Manufacturing Volume: 34 Pages: 893-902 DOI: 10.1016/j.promfg.2019.06.158 Published: 2019 Accession Number: WOS:000560235900109 Conference Title: 47th SME North American Manufacturing Research Conference (NAMRC) Conference Date: JUN 10-14, 2019 Conference Location: Penn Univ, Behrend Coll, Erie, PA			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000560235900109
171	Title: An IoT Platform Based on Microservices and Serverless Paradigms for Smart Farming Purposes Author(s): Trilles, S (Trilles, Sergio); Gonzalez-Perez, A (Gonzalez-Perez, Alberto); Huerta, J (Huerta, Joaquin) Source: SENSORS Volume: 20 Issue: 8 Article Number: 2418 DOI: 10.3390/s20082418 Published: APR 2020 Accession Number: WOS:000533346400260	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000533346400260
172	Title: Industrial IoT middleware using a multi-agent system for consistency-based diagnostic in cement factory Author(s): Benayache, A (Benayache, Ayoub); Bilami, A (Bilami, Azeddine); Benaggoune, K (Benaggoune, Khaled); Mouss, H (Mouss, Hayet) Source: INTERNATIONAL JOURNAL OF AUTONOMOUS AND ADAPTIVE COMMUNICATIONS SYSTEMS Volume: 14 Issue: 3 Pages: 291-310 DOI: 10.1504/IJAACS.2021.117805 Published: 2021 Accession Number: WOS:000889119200004			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000889119200004
	Cristina, G.N., Gheorghita, G.V. and Ioan, U., 2015, October. Gradual development of an iot architecture for real-world things. In 2015 IEEE European Modelling Symposium (EMS) (pp. 344-349). IEEE.		3	0.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000411862000038
173	Title: Scalable Incident Reporting Framework: A Sensor and IoT Research Author(s): Ghaly, SMA (Ghaly, Sidi Mohamed Ahmed); Kadampur, MA (Kadampur, Mohammad Ali) Source: ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH Volume: 13 Issue: 3 Pages: 10748-10753 DOI: 10.48084/etasr.5820 Published Date: 2023 JUN Accession Number: WOS:001052946400022			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:001052946400022

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174	Title: Genetic algorithm based bacterial foraging optimization with three-pass protocol concept for heterogeneous network security enhancement Author(s): Nithya, S (Nithya, S.); Jeyanthi, KM (Jeyanthi, K. Meena) Source: JOURNAL OF COMPUTATIONAL SCIENCE Volume: 21 Pages: 275-282 DOI: 10.1016/j.jocs.2017.03.023 Published: JUL 2017 Accession Number: WOS:000409284700022	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000409284700022
175	Title: Hierarchical and Flat-Based Hybrid Naming Scheme in Content-Centric Networks of Things Author(s): Arshad, S (Arshad, Sobia); Shahzaad, B (Shahzaad, Babar); Azam, MA (Azam, Muhammad Awais); Loo, J (Loo, Jonathan); Ahmed, SH (Ahmed, Syed Hassan); Aslam, S (Aslam, Saleem) Source: IEEE INTERNET OF THINGS JOURNAL Volume: 5 Issue: 2 Special Issue: SI Pages: 1070-1080 DOI: 10.1109/JIOT.2018.2792016 Published: APR 2018 Accession Number: WOS:000429971100054	Q1		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000429971100054
176	Title: lFractal IoT: A Scalable IoT Framework for Energy Management in Connected Buildings Author(s): Anjana, MS (Anjana, M. S.); Ramesh, MV (Ramesh, Maneesha Vinodini); Devidas, AR (Devidas, Aryadevi Remanidevi); Athira, K (Athira, K.) Book Group Author(s): Assoc Comp Machinery Source: TESCA'19: PROCEEDINGS OF THE 1ST ACM INTERNATIONAL WORKSHOP ON TECHNOLOGY ENABLERS AND INNOVATIVE APPLICATIONS FOR SMART CITIES AND COMMUNITIES Pages: 10-17 DOI: 10.1145/3364544.3364826 Published: 2019 Accession Number: WOS:000548112300006 Conference Title: 1st ACM International Workshop on Technology Enablers and Innovative Applications for Smart Cities and Communities (TESCA) Conference Date: NOV 13-14, 2019 Conference Location: New York, NY			2.667	https://www.webofscience.com/wos/woscc/full-record/WOS:000548112300006
177	Title: A Statistical Performance Analysis of Named Data Ultra Dense Networks Author(s): Rehman, MAU (Rehman, Muhammad Atif Ur); Kim, D (Kim, Donghak); Choi, K (Choi, Kyungmee); Ullah, R (Ullah, Rehmat); Kim, BS (Kim, Byung Seo) Source: APPLIED SCIENCES-BASEL Volume: 9 Issue: 18 Article Number: 3714 DOI: 10.3390/app9183714 Published: SEP 2019 Accession Number: WOS:000489115200074	Q2		5.333	https://www.webofscience.com/wos/woscc/full-record/WOS:000489115200074
Ungurean, I. Timing Comparison of the Real-Time Operating Systems for Small Microcontrollers. Symmetry 2020, 12, 592.			1		https://www.webofscience.com/wos/woscc/full-record/WOS:000540222200103
178	Title: An easy to implement logic analyzer for long-term precise measurements Author(s): Romanov, AM (Romanov, Alexey M.) Source: HARDWAREX Volume: 9 Article Number: e00164 DOI: 10.1016/j.ohx.2020.e00164 Published: APR 2021 Accession Number: WOS:000657359300003			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000657359300003
179	Title: INTELLIGENT AQUACULTURE ENVIRONMENT MONITORING SYSTEM BASED ON LORA COMMUNICATION TECHNOLOGY Author(s): Cai, HY (Cai, Huiying); Li, FZ (Li, Fangzhen); Lv, P (Lv, Peng); Ran, LQ (Ran, Lingqiang); Zou, LD (Zou, Lida) Source: INMATEH-AGRICULTURAL ENGINEERING Volume: 63 Issue: 1 Pages: 109-120 Published: JAN-APR 2021 Accession Number: WOS:000683032400011			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000683032400011

Nr. Crt.	Articol citat/citeaza	Q1/Q2	Nr. Autori	Punctaj	WOS
180	Title: Heterogeneous Control Platform Design for Power Conversion Systems Author(s): Ruetschi, A (Rueetschi, Andrea); Syrpas, P (Syrpas, Panagiotis); Flak, B (Flak, Bartlomiej); Tomzik, K (Tomzik, Kamil); Steimer, PK (Steimer, Peter K.) Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 18 Issue: 5 Pages: 2934-2942 DOI: 10.1109/TII.2021.3104285 Published: MAY 2022 Accession Number: WOS:000752019100008	Q1		16.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000752019100008
181	Record 6 of 10 Title: A relative torsional vibration monitoring method for intelligent ships and associated error analysis Author(s): An, YS (An, Yunsheng); Huan, CM (Huan, Chaoming); Wu, ZH (Wu, Zhanhua); Li, QT (Li, Qingtao); Li, J (Li, Jie); Shen, KX (Shen, Kexin); Ha, WH (Ha, Wenhan); Chen, SY (Chen, Shuangyin) Source: INSIGHT Volume: 64 Issue: 5 Pages: 285-294 DOI: 10.1784/insi.2022.64.5.285 Published Date: 2022 MAY Accession Number: WOS:000805394600007			8.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000805394600007
182	Title: A Low-Latency Optimization of a Rust-Based Secure Operating System for Embedded Devices Author(s): Culic, I (Culic, Ioana); Vochescu, A (Vochescu, Alexandru); Radovici, A (Radovici, Alexandru) Source: SENSORS Volume: 22 Issue: 22 Article Number: 8700 DOI: 10.3390/s22228700 Published Date: 2022 NOV Accession Number: WOS:000887798100001	Q2		16.000	https://www.webofscience.com/wos/woscc/full-record/WOS:000887798100001
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