

Centralizator punctaj conditii minime - pozitie profesor, domeniu Ingineria sistemelor

A1. Activitatea didactică / profesională	Puncte
A1.1.1. Cărți/ monografii/ capitole ca autor în edituri internaționale	16.67
A1.1.2. Cărți/ monografii/ capitole ca autor în edituri naționale	45.84
A1.2.1. Manuale didactice	40

A2. Activitatea de cercetare	Puncte
A2.1. Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	507.01
A2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)	68.83
A2.3. Proprietate intelectuală, brevete de invenție, certificate ORDA	5.83
A2.4. Granturi / proiecte de cercetare câștigate prin competiție sau contracte cu agenți economici, în valoare de min	219

A3. Recunoașterea și impactul activității	Puncte
A3.1. Citări în cărți, reviste și volume ale unor manifestări științifice	207.72

Indicator	Conditii minime – Profesor	Realizat
A1 - Activitatea didactică / profesională	100	102.5
A1.1.1 - A1.1.2 Cărți și capitole în cărți de specialitate	1	4
A2 - Activitatea de cercetare	600	800.14
A2.1 - Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	15	37
A2.1- Articole in reviste cotate ISI Q1 sau Q2	3	8
A2.4.1 - Granturi/proiecte câștigate prin competiție (Director/responsabil)	2	2
FI cumulat pentru publicatii	10	86.04
A3 - Recunoașterea impactului activității	150	207.72
A3.1.1 - A3.1.2 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI(WOS)	25	103

Director Departament Automatica si Tehnologia Informatiei
Prof. dr. ing. Sorin Moraru

Candidat
Suciu Constantin

18.07.2018

A1. Activitatea didactică / profesională

A1.1. Cărți și capitole în cărți de specialitate în edituri recunoscute

A1.1.1. Cărți/ monografii/ capitole ca autor în edituri internaționale (50 pct./nr. autori)

Nr. crt.	Lucrare	punctaj
1	Itu, L.M., Sharma, P., Suciu, C. , <i>Patient-specific Hemodynamic Computations: Application to Personalized Diagnosis of Cardiovascular Pathologies</i> , Springer, Heidelberg, Germany, 2017, 234 pag., ISBN: 78-3-319-56852-2, DOI: 10.1007/978-3-319-56853-9. http://www.springer.com/gp/book/9783319568522	16,67
Total		16,67

A1.1.2. Cărți/ monografii/ capitole ca autor în edituri naționale (50 pct./nr. autori).)

Nr. crt.	Lucrare	punctaj
1	Suciu, C. , Dafinca, L., Campeanu, R., Blendea, C., <i>Introduction to Expert Systems. Fuzzy Systems</i> , Editura Universitatii Transilvania, 2007, ISBN 978-973-635-889-0 (Cod CNC SIS 81).	12,5
2	Suciu, C. , Dănilă, C., Câmpeanu, R., <i>Electronica de putere</i> , Editura Universității Transilvania din Brașov, 2009, ISBN 978-973-598-638-4 (Cod CNC SIS 81).	16,67
3	Campeanu, R., Suciu, C. , Demeter, R., <i>Sisteme cu microprocesoare. Limbajul de asamblare</i> , Editura Universității Transilvania din Brașov, 2007, ISBN 978-973-635-888-3 (Cod CNC SIS 81).	16,67
Total		45,84

Total A1.1 : 62,51 puncte (4 lucrări)

A1.2. Material didactic / Lucrări didactice

A1.2.1. Manuale didactice (40 pct./nr. autori)

Nr. crt.	Lucrare	punctaj
1	Dafinca, L., Suciu, C. , <i>Sisteme Expert în Automatica</i> , Editura Universității Transilvania din Brașov, 2017, ISBN 978-606-19-0890-5 (Cod CNC SIS 81).	20
2	Suciu, C. , Itu, L.M., <i>Introducere în Rețele Industriale de Comunicație</i> , Editura Universității Transilvania din Brașov, 2017, 98 pag., ISBN: 978-606-19-0885-1 (Cod CNC SIS 81).	20
Total		40

Total A1.2 : 40 puncte (2 lucrări)

Total A1 : 102.55 puncte

Indicator	Conditii minimale – Profesor	Realizat
A1 - Activitatea didactică / profesională	100	102,5
A1.1.1 - A1.1.2 Cărți și capitole în cărți de specialitate	1	4

Conf. dr. ing. Constantin Suciu

A2. Activitatea de cercetare

A2.1. Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings ((25+30 x factor impact) / nr. de autori)

Nr. crt.	Lucrare	Pct.
1	Suciu, C. , Kansara, M., Holmes, P.G., Szabo, W., <i>Phase advancing for current in R-L circuits using switched capacitors</i> , Electronics Letters, Volume: 35, Issue: 16, 5 Aug 1999, ISSN: 0013-5194, DOI: 10.1049/el:19990923, (ISI journal, WOS:000082310900007, FI: 1,155, Q3) http://ieeexplore.ieee.org/document/790008/	14,91
2	Suciu, C. , Kansara, M., Holmes, P., Szabo, W., <i>Performance enhancement of an induction motor by secondary impedance control</i> , IEEE Transactions on Energy Conversion, Volume: 17, Issue: 2, Pages: 211-216, DOI: 10.1109/TEC.2002.1009470, JUN 2002, ISSN: 0885-8969, (ISI Journal, WOS:0001761770000, FI: 3,808, Q1) http://ieeexplore.ieee.org/document/1009470/	34,81
3	Girbea, A., Suciu, C. , Nechifor, S., Sisak, F., <i>Design and Implementation of a Service-Oriented Architecture for the Optimization of Industrial Applications</i> , IEEE Transactions on Industrial Informatics, Volume: 10, Issue: 1, Pages: 185-196, DOI: 10.1109/TII.2013.2253112, Feb 2014, (ISI Journal, WOS:000336668600019, FI : 6,764, Q1) http://ieeexplore.ieee.org/document/6481444/	56,98
4	Itu, L. M., Sharma, P., Kamen, A., D., Suciu, C. , Comaniciu, D., <i>Graphics Processing Unit Accelerated One-Dimensional Blood Flow Computation in the Human Arterial Tree</i> , International Journal on Numerical Methods in Biomedical Engineering, Vol. 29, December, 2013, pp. 1428 – 1455, ISSN: 2040-7947, DOI: 10.1002/cnm.2585 (ISI journal, WOS:000327732300008, FI: 2,192, Q2). http://onlinelibrary.wiley.com/doi/10.1002/cnm.2585/abstract	18,15
5	Itu, L. M., Sharma, P., Passerini T., Kamen, A., D., Suciu, C. , Comaniciu, D., <i>A Parameter Estimation Framework for Patient-specific Hemodynamic Computations</i> , Journal of Computational Physics, Vol. 281, Jan, 2015, pp. 316-333, ISSN 0021-9991, DOI: 10.1016/j.jcp.2014.10.034 (ISI journal, WOS:000346429300018, FI: 2,744, Q1). http://www.sciencedirect.com/science/article/pii/S0021999114007165	17,88
6	Calmac, L., Niculescu, R., Badila, E., Weiss, E., Zamfir, D., Itu, L.M., Lazar, L., Carp, M., Itu, A., Suciu, C. , Passerini, T., Sharma, S., Georgescu, B., Comaniciu, D., <i>Image-Based Computation of Instantaneous Wave-free Ratio from Routine Coronary Angiography - Initial Validation by Invasively Measured Coronary Pressures</i> , Journal of the American College of Cardiology, Vol. 66, October 2015, pp. B17-B18, ISSN: 0735-1097, DOI: 10.1016/j.jacc.2015.08.087 (ISI Journal, WOS:000363329000041, FI: 19,896, Q1). http://www.sciencedirect.com/science/article/pii/S0735109715050494	44,42
7	Itu, L. M., Sharma, P., Suciu, C. , Moldoveanu, F., Comaniciu, D., <i>Personalized Blood Flow Computations: A Hierarchical Parameter Estimation Framework for Tuning Boundary Conditions</i> , International Journal on Numerical Methods in Biomedical Engineering, Vol. 33, March 2017, pp. e02803, ISSN: 2040-7947, DOI: 10.1002/cnm.2803 (ISI journal, WOS:000395407900006, FI: 2,192, Q2). http://onlinelibrary.wiley.com/doi/10.1002/cnm.2803/abstract	18,15
8	Itu, L.M., Passerini, T., Calmac, L., Niculescu, R., Badila, E., Weiss, E., Zamfir, D., Penes, D., Lazar, L., Carp, M., Itu, A., Suciu, C. , Sharma, S., Georgescu, B., Comaniciu, D., <i>Image-Based Computation of Instantaneous Wave-free Ratio from Routine Coronary Angiography - Evaluation of a Hybrid Decision Making Strategy with FFR</i> , Journal of the American College of Cardiology, Vol. 67, April 2016, pp. 328, ISSN: 0735-1097, DOI: 10.1016/S0735-1097(16)30329-1 (ISI Journal, WOS:000375188701172, FI: 19,896, Q1). http://www.sciencedirect.com/science/article/pii/S0735109716303291	41,45
9	Calmac, L., Niculescu, R., Badila, E., Weiss, E., Zamfir, D., Penes, D., Itu, L.M., Lazar, L.,	44,42

	Carp, M., Itu, A., Suciu, C. , Passerini, T., Sharma, S., Georgescu, B., Comaniciu, D., <i>A data-driven approach combining image-based anatomical features and resting state measurements for the functional assessment of coronary artery disease</i> , Journal of the American College of Cardiology, Vol. 68, November 2016, pp. B212-B213, ISSN: 0735-1097, DOI: 10.1016/j.jacc.2016.09.664 (ISI Journal, WOS:000398590400054, FI: 19,896, Q1). http://www.sciencedirect.com/science/article/pii/S0735109716359861	
10	Suciu, C. , Dafinca, L., Kansara, M., Margineanu, I., <i>Switched capacitor fuzzy control for power factor correction in inductive circuits</i> , PESC 2000: 31ST ANNUAL IEEE POWER ELECTRONICS SPECIALISTS CONFERENCE, VOLS 1-3, JUN 18-23, 2000, ISBN:0-7803-5693-4, (ISI Proceedings, IEEE Xplore, WOS:000166883500120) http://ieeexplore.ieee.org/document/879913/	8,12
11	Campeanu, R., Suciu, C. , Demeter, R., <i>Optimal Control for Bridge Series Resonant Inverter</i> , 2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS, Published: 2006, ISBN:1-4244-0360-X, (ISI Proceedings, IEEE Xplore, WOS:000241459500032) http://ieeexplore.ieee.org/document/4022845/	10,83
12	Suciu, C. , Moldoveanu, F., Campeanu, R., Baci, I., Grigorescu, S.M., Carstea, B., Voinea, V., <i>GPRS Based System for Atmospheric Pollution Monitoring and Warning</i> , 2006 IEEE International Conference on Automation, Quality and Testing, Robotics, VOL 2, Pages: 193-198, May 25-28, 2006, ISBN:1-4244-0360-X, (ISI Proceedings, IEEE Xplore, WOS:000241464000035) http://ieeexplore.ieee.org/document/4022953/	4,64
13	Campeanu R., Suciu C. , Demeter R., <i>Electronically controlled capacitor</i> , Proceedings of 10th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2006), VOL II: Power Electronics, Electrical Machines & Drivers, pp99-102, May 18-19, 2006, Brasov, ROMANIA, ISBN:978-973-635-704-6, (ISI Proceedings, WOS:000256418400019)	10,83
14	Moldoveanu, Fl., Suciu, C. , Baci, I., Grigorescu, S. M., Carstea, B., Voinea, V., <i>Microcontroller based SCADA system for air pollution monitoring and warning</i> , Proceedings of 10th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2006), VOL III: Industrial Automation And Control, pp 185-190, May 18-19, 2006, Brasov, ROMANIA, ISBN:978-973-635-705-3, (ISI Proceedings, WOS:000256418900031)	5,41
15	Danila, A., Margineanu, I., Campeanu, R., Suciu, C. , <i>Experimental validation of the dynamic model of a single/two phase induction motor</i> , 11th International Conference on Optimization of Electrical and Electronic Equipment, May 22-23, 2008, ISBN: 978-1-4244-1544-1, (ISI Proceedings, IEEE Xplore, WOS: 000258258700004), http://ieeexplore.ieee.org/document/4602378/	8,12
16	Danila, A., Margineanu, I., Campeanu, R., Suciu, C. , Boian, I., <i>The optimization of the single/two phase induction motor start-up with electronically switched capacitor</i> , IEEE International Conference on Automation, Quality and Testing, Robotics, Vol. III, pp. 450-453, May 22-25, 2008, ISBN:978-1-4244-2576-1 (ISI Proceedings, IEEE Xplore, WOS: 000259080200083), http://ieeexplore.ieee.org/document/4588962/	6,5
17	Suciu, C. , Campeanu, R., Campeanu, A., Margineanu, I., Danila, A., <i>A virtual instrumentation-based on-line determination of a single/two phase induction motor drive characteristics at coarse start-up</i> , IEEE International Conference on Automation, Quality and Testing, Robotics, Vol. III, pp.440-443, May 22-25 2008, ISBN:978-1-4244-2576-1, (ISI Proceedings, IEEE Xplore, WOS:000259080200080), http://ieeexplore.ieee.org/document/4588959/	6,5
18	Moldoveanu, F., Boldisor, C., Floroian, D., Suliman, C., Suciu, C. , <i>Intelligent active vision system for autonomous robots</i> , 12th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Pages: 746-753, 20-22 May 2010, ISBN: 978-1-4244-7019-8, (ISI Proceedings, IEEE Xplore, WOS:000291967300107),	6,5

	http://ieeexplore.ieee.org/document/5510500/	
19	Floroian, D., Moldoveanu, F., Ryvkin, S., Suciu, C. , <i>Surveillance multiagent system using robot vision based on fuzzy controller</i> , 12th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Pages: 819-824, 20-22 May 2010, ISBN: 978-1-4244-7019-8, (ISI Proceedings, IEEE Xplore, WOS:000291967300118), http://ieeexplore.ieee.org/document/5510536/	8,12
20	Itu, L.M., Suciu, C. , Postelnicu, A., Moldoveanu, F., <i>Analysis of Outflow Boundary Condition Implementations for 1D Blood Flow Models</i> , Proceedings of the 3rd IEEE International Conference on e-Health and Bioengineering – EHB 2011, Iași, Romania, November 24÷26, 2011, pp. 467÷470, ISBN: 978-1-4577-0292-1 (ISI Proceedings, IEEE Xplore, WOS:000304806300095). http://ieeexplore.ieee.org/document/6150403/	8,12
21	Girbea, A., Suciu, C. , Sisak, F., <i>An innovative and flexible architecture for industrial automation</i> , 2012 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), pp. 1085-1092, 24-26 May 2012, ISBN: 978-1-4673-1650-7, (ISI Proceedings, IEEE Xplore, WOS:000398866700162), http://ieeexplore.ieee.org/document/6231762/	10,83
22	Tarnauca, B., Puiu, D., Comnac, V., Suciu, C. , <i>Modelling a flexible manufacturing system using reconfigurable finite capacity Petri nets</i> , 2012 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), VOLS 1-5, pp. 1079-1084, 24-26 May 2012, ISBN: 978-1-4673-1650-7, (ISI Proceedings, IEEE Xplore, WOS:000398866700161). http://ieeexplore.ieee.org/document/6231954/	8,12
23	Itu, L.M., Sharma P., Kamen, A., Suciu, C. , Postelnicu, A., Moldoveanu, F., <i>GPU Accelerated Simulation of the Human Arterial Circulation</i> , Proceedings of the 13th International Conference on Optimization of Electrical and Electronic Equipment – OPTIM 2012, Braşov, Romania, May 24-26, 2012, pp. 1478-1485, ISSN: 1842-0133 (ISI Proceedings, IEEE Xplore, WOS:000398866700225). http://ieeexplore.ieee.org/document/6231764/	5,41
24	Itu, L. M., Sharma, P., Mihalef, V., Kamen, A., Suciu, C. , Comaniciu, D., <i>A Patient-specific Reduced-order Model for Coronary Circulation</i> , Proc. of the IEEE Inter. Symp. On Biomedical Imaging - ISBI 2012, Barcelona, Spain, May 2-5, 2012, pp. 832-835, ISSN: 1945-7928, ISBN: 978-1-4577-1857-1 (ISI Proceedings, IEEE Xplore, WOS:000312384100209). http://ieeexplore.ieee.org/document/6235677/	5,41
25	Sharma, P., Itu, L. M., Zheng, X., Kamen, A., Bernhardt, D., Suciu, C. , Comaniciu, D., <i>A Framework for Personalization of Coronary Flow Computations During Rest and Hyperemia</i> , Proc. of the 34th Annual Inter. Conf. of the IEEE Engineering in Medicine & Biology Society - EMBC 2012, San Diego, California, USA, Aug. 28-Sept. 1, 2012, pp. 6665 - 6668, ISSN: 1557-170X, ISBN: 978-1-4244-4119-8 (ISI Proceedings, IEEE Xplore, WOS:000313296506209). https://www.ncbi.nlm.nih.gov/pubmed/23367458	4,64
26	Itu, L. M., Sharma, P., Zheng, X., Mihalef, V., Kamen, A., Suciu, C. , <i>Patient-Specific Modeling and Hemodynamic Simulation in Healthy and Diseased Coronary Arteries</i> , Proc. of the ASME 2012 Summer Bioengineering Conference - SBC 2012, Fajardo, Puerto Rico, June 20-23, 2012, ISBN 978-0-7918-4480-9 (ISI Proceedings, Google Scholar, WOS:000325036600291) http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1717999	5,41
27	Niță, C., Itu, L. M., Suciu, C. <i>GPU Accelerated Blood Flow Computation using the Lattice Boltzmann Method</i> , 17 th IEEE High Performance Extreme Computing Conference, Waltham, MA, USA, Sept. 10-12, 2013, pp. 1-6, ISBN: 978-1-4799-1364-0 (ISI Proceedings, IEEE Xplore, WOS:000332186600009). http://ieeexplore.ieee.org/document/6670324/	10,83
28	Itu, L. M., Sharma, P., Kamen, A., D., Suciu, C. , Comaniciu, D. <i>A Novel Coupling Algorithm for Computing Blood Flow in Viscoelastic Arterial Models</i> , Proc. of the 35th Annual Inter. Conf. of the IEEE Engineering in Medicine & Biology Society - EMBC 2013, Osaka, Japan, July 3-7, 2013, pp. 727-730, ISSN: 1557-170X (ISI Proceedings, IEEE Xplore, WOS:000341702101054).	6,5

	http://ieeexplore.ieee.org/document/6609603/	
29	Itu, L. M., Suciu, C. <i>A method for modeling surrounding tissue support and its global effects on arterial hemodynamics</i> , Proc. of IEEE International Conference on Biomedical and Health Informatics – BHI 2014, Valencia, Spain, June 1-4, 2014, pp. 1-4, ISSN: 2168-2194 (ISI Proceedings, IEEE Xplore, WOS:000346504900141). http://ieeexplore.ieee.org/document/6864433/	16,25
30	Itu, L. M., Suciu, C. <i>An external tissue support model for the arterial wall based on in vivo data</i> , Proc. of IEEE International Symposium on Medical Measurements and Applications – MeMeA 2014, Lisbon, Portugal, June 11-12, 2014, pp. 1-6, ISBN: 978-1-4799-2922-1 (ISI Proceedings, IEEE Xplore, WOS:000346747000029). http://ieeexplore.ieee.org/document/6860049/	16,25
31	Itu, L. M., Sharma, P., Georgescu, B., Kamen, A., D., Suciu, C. , Comaniciu, D. <i>Model Based Non-invasive Estimation of PV Loop from Echocardiography</i> , Proc. of the 36th Annual Inter. Conf. of the IEEE Engineering in Medicine & Biology Society - EMBC 2014, Chicago, USA, August 26-30, 2014, pp. 6774-6777, ISSN: 1094-687X (ISI Proceedings, IEEE Xplore, WOS:000350044706186). https://www.ncbi.nlm.nih.gov/pubmed/25571551	5,41
32	Vizitiu, A., Itu, L.M., Nita, C., Suciu, C. <i>Optimized Three-Dimensional Stencil Computation on Fermi and Kepler GPUs</i> , 18 th IEEE High Performance Extreme Computing Conference, Waltham, MA, USA, Sept. 9-11, 2014, pp. 78-83, ISBN: 978-1-4799-6232-7 (ISI Proceedings, IEEE Xplore, WOS:000380479300026) http://ieeexplore.ieee.org/document/7040968/	8,12
33	Stroia, I., Itu, L., Niță, C., Lazăr, L., Suciu, C. <i>GPU Accelerated Geometric Multigrid Method: Comparison with Preconditioned Conjugate Gradient</i> , 19 th IEEE High Performance Extreme Computing Conference, Waltham, MA, USA, Sept. 15-17, 2015, pp. 1-6, ISBN: 978-1-4673-9287-7 (ISI Proceedings, IEEE Xplore, WOS:000380543000044) http://ieeexplore.ieee.org/document/7322480/	6,5
34	Iacob, A., Itu, L.M., Sasu, L., Moldoveanu, F., Suciu, C. , <i>GPU Accelerated Information Retrieval Using Bloom Filters</i> , Proceedings of the 19th International Conference on System Theory, Control and Computing – ICSTCC 2015, Cheile Grădiștei – Fundata, Romania, October 14-16, 2015, pp. 872-876, ISBN: 978-1-4799-8481-7 (ISI Proceedings, IEEE Xplore, WOS:000382384100145) http://ieeexplore.ieee.org/document/7321404/	6,5
35	Stroia, I., Itu, L., Niță, C., Lazăr, L., Suciu, C. <i>GPU Accelerated Geometric Multigrid Method - Performance Comparison on Recent NVIDIA Architectures</i> , 19th Inter. Conf. on System Theory, Control and Computing - ICSTCC 2015, Sinaia, Romania, October 14-16, 2015, pp. 175-179, ISBN: 978-1-4799-8482-4 (ISI Proceedings, IEEE Xplore, WOS: 000382384100030) http://ieeexplore.ieee.org/document/7321289/	6,5
36	Vizitiu, A., Itu, L., Joyseeree, R., Depeursinge, A., Muller, H., Suciu, C. <i>GPU-Accelerated Texture Analysis Using Steerable Riesz Wavelets</i> , 24th Euromicro International Conference on Parallel, Distributed, and Network-Based Processing – PDP 2016, Heraklion Crete, Greece, February 17-19, 2016, pp. 56-61, ISSN: 2377-5750 (ISI Proceedings, IEEE Xplore, WOS:000381810900066) http://ieeexplore.ieee.org/document/7445372/	5,41
37	Nita, C., Stroia, I., Itu, L.M., Suciu, C. , Mihalef, V., Datar, M., Rapaka, S., Sharma, P. <i>GPU accelerated, robust method for voxelization of solid objects</i> , 20 th IEEE High Performance Extreme Computing Conference, Waltham, MA, USA, Sept. 13-15, 2016, pp. 50-55, ISBN: 978-1-5090-3526-7 (ISI Proceedings, IEEE Xplore, WOS:000391407100006) http://ieeexplore.ieee.org/document/7761582/	4,06
9 lucrări în reviste cotate ISI, 28 lucrări în volumele unor manifestări științifice indexate ISI proceedings 492,1 pct.		

Total A2.1 : 492,1 puncte (37 lucrări)

A2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI) (20 / nr.de autor)

Nr. crt.	Lucrare	Pct.
1	Suciu, C. , Kansara, M., Holmes, P.G., <i>A Space-Vector Model of a Static Leading VAR Secondary Controlled Induction Motor Drive</i> , Proceedings of the 6th International Conference on Optimization of Electrical and Electronic Equipments, 1998. OPTIM '98, Brasov, 14-15 May 1998, 973-98511-2-6, http://ieeexplore.ieee.org/document/707960/	6,66
2	Comnac, V., Topa, I., Moldoveanu, F., Suciu, C. , <i>Real Time Observer-based Control Of An Interior Permanent Magnet Synchronous Machine</i> , Proceedings of the 6th International Conference on Optimization of Electrical and Electronic Equipments, 1998, ISBN :973-98511-2-6,(IEEE Xplore). http://ieeexplore.ieee.org/document/707985/	5
3	Campeanu, R., Margineanu, I., Suciu, C. , Rogoz, A., <i>Measurement systems of the relative position of a dam point</i> , 1st IFAC Workshop on Convergence of Information Technologies and Control Methods with Power Plants and Power Systems; ICSP'07; Cluj-Napoca; Romania; 9 July 2007 through 11 July, 2007, ISBN 978-390366138-8, (Sciencedirect), http://www.sciencedirect.com/science/article/pii/S1474667015326653	5
4	Puiu, D., Moldoveanu, F., Suciu, C. , <i>The time delay control of a CAN network based on dynamic scheduling algorithm</i> , IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 28-30 May 2010, DOI: 10.1109/AQTR.2010.5520896, ISBN: 978-1-4244-6724-2, (IEEE Xplore). http://ieeexplore.ieee.org/document/5520896	6,66
5	Târnaucă, B. , Suciu, C. , Floroian, D., <i>An integrated testing platform for automotive and industrial electronic control units</i> , IEEE International Conference on Automation Quality and Testing Robotics (AQTR), 28-30 May 2010, DOI: 10.1109/AQTR.2010.5520896, ISBN: 978-1-4244-6724-2, (IEEE Xplore). http://ieeexplore.ieee.org/document/5520820/	6,66
6	Girbea, A.; Suciu, C. ; Sisak, F., <i>Design and implementation of a fully automated planner-scheduler constraint satisfaction problem</i> , 6th IEEE International Symposium on Applied Computational Intelligence and Informatics (SACI), 19-21 May 2011, Timisoara, Romania, DOI: 10.1109/SACI.2011.5873051, ISBN : 978-1-4244-9108-7, (IEEE Xplore). http://ieeexplore.ieee.org/document/5873051/	6,66
7	Itu, L.M., Suciu, C. , Moldoveanu, F., Postelnicu, A., <i>Optimized GPU Based Simulation of the Incompressible Navier-Stokes Equations on a MAC Grid</i> , Proceedings of the 10th IEEE RoEduNet International Conference on Networking in Education and Research – RoEduNet'11, Iași, Romania, June 23÷25, 2011, pp. 82÷85, ISBN: 978-1-4577-1233-3, ISSN: 2068-1038 (IEEE Xplore). http://ieeexplore.ieee.org/document/5993692/	5
8	Girbea, A., Suciu, C. , Sisak, F., <i>Remote monitoring and control of a flexible manufacturing system through a service oriented architecture</i> , Proceedings of the 10th IEEE RoEduNet International Conference on Networking in Education and Research – RoEduNet'11, Iași, Romania, June 23÷25, 2011, ISBN: 978-1-4577-1233-3, ISSN: 2068-1038 (IEEE Xplore). http://ieeexplore.ieee.org/document/5993694/	6,66
9	Itu, L.M., Suciu, C. , Moldoveanu, F., Postelnicu, A., <i>GPU Optimized Computation of Stencil Based Algorithms</i> , Proceedings of the 10th IEEE RoEduNet International Conference on Networking in Education and Research – RoEduNet'11, Iași, Romania, June 23÷25, 2011, pp. 86÷91, ISBN: 978-1-4577-1233-3, ISSN: 2068-1038 (IEEE Xplore). http://ieeexplore.ieee.org/document/5993693/	5
10	Itu, L.M., Suciu, C. , Moldoveanu, F., Postelnicu, A., <i>GPU Accelerated Simulation of Elliptic Partial Differential Equations</i> , Proceedings of the 6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications – IDAACS'11, Prague, Czech Republic, September 15÷17, 2011, pp. 238÷242, ISBN: 978-1-4577-1426-9, DOI: 10.1109/DAACS.2011.6072748 (IEEE Xplore). http://ieeexplore.ieee.org/document/6072748/	5
11	Itu, L.M., Suciu, C. , Moldoveanu, F., Postelnicu, A., <i>GPU Optimized Computation of the Artificial Compressibility Method</i> , Proceedings of the 15th International Conference on System Theory, Control and Computing – ICSTCC 2011, Sinaia, Romania, October 14÷16, 2011, pp. 282÷287, ISBN: 978-973-621-322-9, ISSN: 2068-0465 (IEEE Xplore).	5

12	http://ieeexplore.ieee.org/document/6085655/ Vizitiu, A., Itu, L.M., Lazar, L., Suciu, C. , <i>Double precision stencil computations on Kepler GPUs</i> , Proc. of the 18th Inter. Conf. on System Theory, Control and Computing - ICSTCC 2014, Sinaia, Romania, October 15-17, 2014, pp., 25-29, ISBN: 978-1-4799-4602-0 (IEEE Xplore). http://ieeexplore.ieee.org/document/6982402/	5
12 lucrări în reviste și volumele unor manifestări științifice indexate BDI 68,83 pct.		

Total A2.2 : 111,27 puncte (20 lucrări)

A2.3. Proprietate intelectuală, brevete de invenție, certificate ORDA

A2.3.1. Internaționale (35 pct./ nr. autori)

Nr. crt.	Brevet	Pct.
4	Itu, L.M., Sharma, P., Zheng, X., Kamen, A., Suciu, C. , Comaniciu, D., <i>A Framework for Personalization of Coronary Flow Computations During Rest and Hyperemia</i> , World Patent Application WO/2013/138428, September 2013. https://patentscope.wipo.int/search/en/detail.jsf?docId=WO2013138428	5,83
		5,83 pct.

A2.3.2. Naționale (OSIM) (25 pct./ nr. autori)

-

Total A2.3 : 5,83 puncte

A2.4. Granturi / proiecte de cercetare câștigate prin competiție sau contracte cu agenți economici, în valoare de minimum 10.000 dolari USA echivalent încasați

A2.4.1. Director/ responsabil

A2.4.1.1. Internaționale (20 x ani de desfășurare)

Nr. crt.	Proiect	Pct.
1	Contr. nr. 600932/2013-2017, program: EU's Seventh Framework Programme for Research (FP7) – “MD PAEDIGREE – Model-Driven European Paediatric Digital Repository”, finanțat de EU Commission perioada:20132017 Perioada 2013-2017 (51 luni). Beneficiar: Universitatea Transilvania din Brașov (partener).	85
		85 pct.

A2.4.1.2. Naționale (10 x ani de desfășurare)

Nr. crt.	Proiect	Pct.
1	Contr. nr. 130/2012-2016, PN II, program: Programul PARTENERIATE – Proiecte Colaborative de Cercetare Aplicativă (PCCA) – “HEART – High PERformance Computing	44

	of Personalized Cardio Component Models”, finanțat de UEFISCDI perioada 2012-2016(53 luni). Beneficiar: Universitatea Transilvania din Brașov(coordonator)	
		44 pct.

A2.4.2. Membru în echipă

A2.4.2.1. Internaționale (4 x ani de desfășurare)

Nr. crt.	Proiect	Pct.
1	Contr. nr. 732907/2016-2019, program: Horizon 2020 (H2020) – <i>MHMD – My Health My Data</i> , finanțat de EU Commission. Beneficiar: Universitatea Transilvania din Brașov (partener).	12
2	Contr. nr. 8/2017/2017-2020, program: FLAG-ERA – ITFoC – <i>Information Technology: The Future of Cancer Treatment</i> , finanțat de EU Commission / UEFISCDI. Beneficiar: Universitatea Transilvania din Brașov (partener).	12
3	Contr. nr. 10/2017/2017-2020, program: FLAG-ERA – CONVERGENCE – <i>Frictionless Energy Efficient Convergent Wearables for Healthcare and Lifestyle Applications</i> , finanțat de EU Commission / UEFISCDI. Beneficiar: Universitatea Transilvania din Brașov (partener).	12
4	Contr. nr. 6/2017/2017-2020, program: FLAG-ERA – RoboCom++ – <i>Rethinking Robotics for the Robot Companion of the future</i> , finanțat de EU Commission / UEFISCDI. Beneficiar: Universitatea Transilvania din Brașov (partener).	12
5	Contr. nr. 11/2017/2017-2020, program: FLAG-ERA – FuturICT2.0 – <i>Large scale experiments and simulations for the second generation of FuturICT</i> , finanțat de EU Commission / UEFISCDI. Beneficiar: Universitatea Transilvania din Brașov (partener).	12
6	Contr. nr. 12620/31/1998-2003, grant CNCISIS tip D – “Sisteme deschise pentru controlul și instrumentarea proceselor” finanțat de Banca Mondială perioada:1998-2003. Beneficiar: Universitatea Transilvania din Brașov	20
		80 pct.

A2.4.2.2. Naționale (2 x ani de desfășurare)

Nr. crt.	Proiect	Pct.
1	Contr. nr. 705/24.07.2006 „Sistem integrat, suport decizional bazat pe fuziunea informatiilor multisenzoriale pentru supravegherea si predictia comportarii barajelor si amenajarilor hidrotehnice – FUZIBAR”, finanțat de CNCISIS-CEEX perioada:2006-2008. Beneficiar: Universitatea Transilvania din Brașov	6
2	Contr. 897/2007 „Studiul teoretic, experimental si optimizarea sistemului motor monofazat de inductie-condensator controlat”, finantat de CNCISIS, perioada: 2007-2008. Beneficiar: Universitatea Transilvania din Brașov	2
3	Contr. nr. 40533/5.11.2003 – „Sisteme de reglare cu structura variabila, fara senzori mecanici (sensorless control), pentru controlul direct al cuplului si fluxului masinilor de c.a. , cu aplicatie in servo-sistemele cu rniscare incrermentala” finantat de CNCISIS, grant tip A, nr. 7, cod CNCISIS 972, comisia de Științe Inginerești, perioada:2003 Beneficiar: Universitatea Transilvania din Brașov	2
		10 pct.

Total A2.4 : 219

Total A2 : 785,76 puncte

Indicator	Conditii minimale – Profesor	Realizat
A2 - Activitatea de cercetare	600	785,76
A2.1 - Articole în reviste cotate și în volumele unor manifestări științifice indexate ISI proceedings	15	37
A2.1 - Articole în reviste cotate ISI Q1 sau Q2	3	8
A2.4.1 - Granturi/proiecte câștigate prin competiție (Director/responsabil)	2	2

FI cumulat pentru publicatii 86,04:

- reviste cotate ISI: 78,54;
- brevete: 0,5 (1 brevet x 0.5 FI echivalent).;
- volumele conferințelor ISI: 7 (28 lucrări x 0.25 FI echivalent).

Conf. dr. ing. Constantin Suci

A3. Recunoașterea și impactul activității

A3.1. Citări în cărți, reviste și volume ale unor manifestări științifice

A3.1.1. Cărți, ISI (8 pct. / nr. autori art. citat)

Nr. crt.	Lucrarea citată
1	<p>Suciu, C., Kansara, M., Holmes, P.G., Szabo, W., <i>Phase advancing for current in R-L circuits using switched capacitors</i>, Electronics Letters, Volume: 35, Issue: 16, 5 Aug 1999, ISSN: 0013-5194, DOI: 10.1049/el:19990923. Link lista citări: http://scholar.google.com/scholar?cites=10643757022886939670</p>
	Citări
1.1	<p>Campeanu, R , Cernat, M, <i>Two Speed Single Phase Induction Motor with Electronically Controlled Capacitance</i>, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, 2014, Volume: 14, Issue: 3, Pages: 137-140, ISSN: 1582-7445 (WOS: 000340869800018). http://scholar.google.com/scholar?q=Two+speed+single+phase+induction+motor+with+electronically+controled+capacitance&btnG=&hl=en&as_sdt=0%2C5&sciodt=0%2C5&cites=10643757022886939670&scipsc=</p>
1 citare x 8 pct. / 4 autori = 2 pct.	
2	<p>Suciu, C., Dafinca, L., Kansara, M., Margineanu, I., <i>Switched capacitor fuzzy control for power factor correction in inductive circuits</i>, PESC 2000: 31ST ANNUAL IEEE POWER ELECTRONICS SPECIALISTS CONFERENCE, VOLS 1-3, JUN 18-23, 2000, ISBN:0-7803-5693-4. Link lista citări: http://scholar.google.com/scholar?cites=8474619563461219196</p>
	Citări
2.1	<p>Jimoh, A.A., Nicolae, D.V. , <i>Controlled Capacitance Injection into a Three-Phase Induction Motor through a Single-Phase Auxiliary Stator Winding</i>, Electric Machines & Drives Conference, 2007. IEMDC '07. IEEE International, On page(s): 1183 - 1188 Volume: 2, 3-5 May 2007 (WOS:000248118800208) http://ieeexplore.ieee.org/document/4270818/</p>
2.2	<p>Nicolae, D.V. , Jimoh, A.A., <i>A Three-Phase Induction Motor with Power Electronic Controlled Single-Phase Auxiliary Stator Winding</i>, Power Electronics Specialists Conference, 2007. PESC 2007. IEEE , Orlando, FL (WOS:000252375200016), http://ieeexplore.ieee.org/document/4341969/</p>
2.3	<p>Nicolae D.V, <i>Electric Motor Performance Improvement Using Auxiliary Windings and Capacitance Injection</i>, Electric Machines and Drives, 2011, Dr. Miroslav Chomat (Ed.), ISBN: 978-953-307-548-8, InTech, http://www.intechopen.com/books/electric-machines-and-drives/electric-motor-performance-improvement-using-auxiliary-windings-and-capacitance-injection</p>
2.4	<p>Muteba, M.C. , Tshwane , Jimoh, A.A. , Nicolae, D.V., <i>Improving three-phase induction machines power factor using single phase auxiliary winding fed by an active power filter</i>, AFRICON 2007 , 26-28 Sept. 2007, Page(s):1 - 7, ISBN: 978-1-4244-0987-7, (WOS:000255394100133), http://ieeexplore.ieee.org/document/4401570/</p>
2.5	<p>Campeanu, R , Cernat, M, <i>Two Speed Single Phase Induction Motor with Electronically Controlled Capacitance</i>, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, 2014, Volume: 14, Issue: 3, Pages: 137-140, ISSN: 1582-7445 (WOS: 000340869800018). http://scholar.google.com/scholar?q=Two+speed+single+phase+induction+motor+with+electronically+controled+capacitance&btnG=&hl=en&as_sdt=0%2C5&sciodt=0%2C5&cites=10643757022886939670&scipsc=</p>
5 citări x 8 pct. / 4 autori = 10 pct.	

3	<p>Suciu, C., Kansara, M., Holmes, P., Szabo, W., <i>Performance enhancement of an induction motor by secondary impedance control</i>, IEEE TRANSACTIONS ON ENERGY CONVERSION, Volume: 17, Issue: 2, Pages: 211-216, DOI: 10.1109/TEC.2002.1009470, JUN 2002, ISSN: 0885-8969.</p> <p>Link lista citări: http://scholar.google.com/scholar?cites=2208202469016237201</p>
	Citări
3.1	<p>Jimoh, A.A., Nicolae, D.V. , <i>Controlled Capacitance Injection into a Three-Phase Induction Motor through a Single-Phase Auxiliary Stator Winding</i>, Electric Machines & Drives Conference, 2007. IEMDC '07. IEEE International, On page(s): 1183 - 1188 Volume: 2, 3-5 May 2007 (WOS:000248118800208) http://ieeexplore.ieee.org/document/4270818/</p>
3.2	<p>Ogunjuyigbe, A.S.O. , Jimoh, A.A. , Nicolae, D.V., <i>Improving synchronous reluctance machine performance by direct capacitance injection through an auxiliary winding</i>, Electrical Machines and Systems, 2007. ICEMS. International Conference on ,Seoul,8-11 Oct. 2007 Page(s): 1055 - 1060, ISBN: 978-89-86510-07-2, (WOS:000256434000027), http://ieeexplore.ieee.org/document/4411965/</p>
3.3	<p>Nicolae, D.V. , Jimoh, A.A., <i>A Three-Phase Induction Motor with Power Electronic Controlled Single-Phase Auxiliary Stator Winding</i>, Power Electronics Specialists Conference, 2007. PESC 2007. IEEE ,Orlando, FL(WOS:000252375200016), http://ieeexplore.ieee.org/document/4341969/</p>
3.4	<p>Nicolae D.V., <i>Electric Motor Performance Improvement Using Auxiliary Windings and Capacitance Injection</i>, Electric Machines and Drives, 2011, Dr. Miroslav Chomat (Ed.), ISBN: 978-953-307-548-8, InTech, http://www.intechopen.com/books/electric-machines-and-drives/electric-motor-performance-improvement-using-auxiliary-windings-and-capacitance-injection</p>
3.5	<p>Muteba, M.C. , Tshwane , Jimoh, A.A. , Nicolae, D.V., <i>Improving three-phase induction machines power factor using single phase auxiliary winding fed by an active power filter</i>, AFRICON 2007 , 26-28 Sept. 2007,Page(s):1 - 7,ISBN: 978-1-4244-0987-7, (WOS:000255394100133), http://ieeexplore.ieee.org/document/4401570/</p>
3.6	<p>Ogunjuyigbe, A.S.O., Jimoh, A.A., Nicolae, D.V., Agee, J.T., <i>Synchronous reluctance machine with controlled capacitance injection</i>, - Optimization of Electrical and Electronic Equipment, 2008. OPTIM 2008. 11th International Conference on, Brasov, 22-24 May 2008, Page(s): 39 - 44, ISBN: 978-1-4244-1544-1 , (WOS:000258258700010), http://ieeexplore.ieee.org/document/4602384/</p>
3.7	<p>Campeanu, R , Cernat, M, <i>Two Speed Single Phase Induction Motor with Electronically Controlled Capacitance</i>, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, 2014, Volume: 14, Issue: 3, Pages: 137-140, ISSN: 1582-7445 (WOS: 000340869800018). http://scholar.google.com/scholar?q=Two+speed+single+phase+induction+motor+with+electronically+controled+capacitance&btnG=&hl=en&as_sdt=0%2C5&sciodt=0%2C5&cites=10643757022886939670&scipsc=</p>
3.8	<p>Laškody, T., Dobrucký, B., Štefanec, P., Praženica, M., <i>Comparison of a single-phase induction motor drive fed by VSI and MxC with option of speed reduction</i>, Electrical Drives and Power Electronics (EDPE) 2015 International Conference on, pp. 368-372, 2015, ISSN 1339-3944, (WOS:000380458300063), http://ieeexplore.ieee.org/document/7325322/</p>
3.9	<p>Dobrucký, B., Laskody, T., Prazenica, M., <i>A Novel Supply System for Two-Phase Induction Motor by Single Leg Matrix Converter</i>, ELEKTRONIKA IR ELEKTROTECHNIKA, Volume: 21, Issue: 4, Pages: 13-16, 2015, ISSN: 1392-1215, (WOS:000359789500003), http://ieeexplore.ieee.org/document/7325322/</p>
3.10	<p>Marković, N., Bjelić, S., Živanić, J., Milićević, V., Milićević, Z., <i>Model of Transient Process Where Three-Phase Transducer Feeds Induction Motor Equivalent as a Variable Active-Inductive Load</i>, Mathematical Problems in Engineering, vol. 2016, pp. 1, 2016, ISSN 1024-123X, (WOS:000383066900001), http://scholar.google.com/scholar?q=Model+of+Transient+Process+Where+Three-Phase+Transducer+Feeds+Induction+Motor+Equivalent+as+a+Variable+Active-Inductive+Load&btnG=&hl=en&as_sdt=0%2C5&sciodt=0%2C5&cites=2208202469016237201&scipsc=</p>

3.11	Kascak, S., Laskody, T., Prazenica, M., Konarik, R., <i>Current control contribution to a single-phase induction motor fed by single-leg voltage source inverter</i> , ELEKTRO 2016, pp. 172-175, 2016, (WOS:000386959800036), http://ieeexplore.ieee.org/document/7512059/
11 citări x 8 pct. / 4 autori = 22 pct.	

4	Suciu, C. , Moldoveanu, F. , Campeanu, R. , Baci, I. , Grigorescu, S.M. , Carstea, B. , Voinea, V., <i>GPRS Based System for Atmospheric Pollution Monitoring and Warning</i> , 2006 IEEE International Conference on Automation, Quality and Testing, Robotics, VOL 2, Pages: 193-198, May 25-28, 2006, ISBN:1-4244-0360-X Link lista citări: http://ieeexplore.ieee.org/document/4022953/citations?tabFilter=papers
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4.1	Pan, C., Zhang, H., Sun, W., Li, H., Xie, J., Zhang, Y., <i>A pollution monitoring system with hybrid wireless transmission</i> , Industrial Electronics and Applications (ICIEA), 2013 8th IEEE Conference on, On page(s): 876 - 880; ISBN:978-1-4673-6322-8, (WOS:000326679200160), http://ieeexplore.ieee.org/document/6566490/
4.2	Adhya, S., Saha, D., Das, A., Jana, J., Saha, H., <i>An IoT based smart solar photovoltaic remote monitoring and control unit</i> , Control Instrumentation Energy & Communication (CIEC) 2016 2nd International Conference on, pp. 432-436, 2016, ISBN: 978-1-5090-0036-4, (WOS:000390842400087), http://ieeexplore.ieee.org/document/7513793/
2 citări x 8 pct. / 7 autori = 2,28 pct.	

5	Suciu, C. , Campeanu, R., Campeanu, A., Margineanu, I., Danila, A., <i>A virtual instrumentation-based on-line determination of a single/two phase induction motor drive characteristics at coarse start-up</i> , IEEE International Conference on Automation, Quality and Testing, Robotics, Vol. III, pp.440-443, May 22-25 2008, ISBN:978-1-4244-2576-1 Link lista citări: http://ieeexplore.ieee.org/document/4588959/citations
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5.1	Yella, N.; Sandhu, K.S.; Kumar, A. "Comparison of modeling techniques for magnetization characteristics of induction machine", Power India Conference, 2012 IEEE Fifth, On page(s): 1 - 5; ISBN 978-1-4673-0763-5, (WOS:000320675000011), http://ieeexplore.ieee.org/document/6479472/
5.2	Gunabalan, R., Sanjeevikumar, P., Blaabjerg, F., Wheeler, P.W., Fedák, V., Ertas, A.H., <i>Transfer function modeling of parallel connected two three-phase induction motor implementation using LabView platform</i> , Electrical Drives and Power Electronics (EDPE) 2015 International Conference on, pp. 373-378, 2015, ISSN 1339-3944, (WOS:000380458300064), http://ieeexplore.ieee.org/document/7325323/
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6	Danila, A., Margineanu, I., Campeanu, R., Suciu, C. , Boian, I., <i>The optimization of the single/two phase induction motor start-up with electronically switched capacitor</i> , IEEE International Conference on Automation, Quality and Testing, Robotics, Vol. III, pp. 450-453, May 22-25, 2008, ISBN:978-1-4244-2576-1 Link lista citări: http://ieeexplore.ieee.org/document/4588962/citations?tabFilter=papers
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6.1	Artal-Sevil, J.S., Dufo-López, R., Bernal-Agustín, J.L., Domínguez-Navarro, J.A., <i>Asymmetrical multilevel inverter with staircase modulation for variable frequency drives in fractional horsepower applications</i> , Power Electronics and Applications (EPE'15 ECCE-Europe) 2015 17th European Conference on, pp. 1-10, 2015, (WOS:000377101800030), http://ieeexplore.ieee.org/document/7309078/
6.2	Laškody, T., Dobrucký, B., Štefanec, P., Praženica, M., <i>Comparison of a single-phase induction motor drive fed by VSI and MxC with option of speed reduction</i> , Electrical Drives and Power Electronics (EDPE) 2015 International Conference on, pp. 368-372, 2015, ISSN 1339-3944, (WOS:000380458300063), http://ieeexplore.ieee.org/document/7325322/

6.3	Kascak, S., Laskody, T., Prazenica, M., Konarik, R., <i>Current control contribution to a single-phase induction motor fed by single-leg voltage source inverter</i> , ELEKTRO 2016, pp. 172-175, 2016, (WOS:000386959800036), http://ieeexplore.ieee.org/document/7512059/
3 citări x 8 pct. / 5 autori = 4,8 pct.	

7	Tarnauca, B., Puiu, D., Comnac, V., Suciu, C. , <i>Modelling a flexible manufacturing system using reconfigurable finite capacity Petri nets</i> , 2012 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), VOLS 1-5, pp. 1079-1084, 24-26 May 2012, ISBN: 978-1-4673-1650-7 Link lista citări: http://ieeexplore.ieee.org/document/6231954/citations
	Citări
7.1	Bevilaqua, A.; Kato, E.R.R.; Pedrino, E.C.; Tsunaki, R.H. "Automated Generalized Petri Net Reduction Using an Evolutionary Approach Applied to a Manufacturing System Model", Systems, Man, and Cybernetics (SMC), 2013 IEEE International Conference on, On page(s): 2360 - 2365, ISBN:978-1-4799-0652-9, (WOS:000332201902081), http://ieeexplore.ieee.org/document/6722156/
1 citare x 8 pct. / 4 autori = 2 pct.	

8	Itu, L. M., Sharma, P., Mihalef, V., Kamen, A., Suciu, C. , Comaniciu, D., <i>A Patient-specific Reduced-order Model for Coronary Circulation</i> , Proc. of the IEEE Inter. Symp. On Biomedical Imaging - ISBI 2012, Barcelona, Spain, May 2-5, 2012, pp. 832-835, ISSN: 1945-7928, ISBN: 978-1-4577-1857-1. Link listă citări: http://scholar.google.com/scholar?oi=bibs&hl=en&cites=5167927570381871160
	Citări
8.1	Coenen, A., Lubbers, M.M., Kurata, A., Kono, A., Dedic, A., Chelu, R.G., Dijkshoorn, M.L., Gijzen, F.J., Ouhlous, M., van Geuns, R.J., Nieman, K. <i>Fractional flow reserve computed from noninvasive CT angiography data: diagnostic performance of an on-site clinician-operated computational fluid dynamics algorithm</i> , Radiology, Vol. 274, pp. 674-683, 2015 (WOS:000349990500006). https://www.ncbi.nlm.nih.gov/pubmed/25322342
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Total A3.1.2 : 18,5 puncte (21 citări)

Total A3.1 : 207,72 puncte (124 citări)

A3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat

A3.2.1. Internaționale

-

A3.2.2. Naționale

-

A3.3. Membru în colectivele de redacție sau comitete științifice al revistelor, organizator de manifestări științifice, internaționale indexate ISI

A3.3.1. ISI

-

A3.3.2. BDI

-

A3.3.3. Naționale și internaționale neindexate

-

A3.4. Premii în domeniu

A3.4.1. Academia Română, ASTR, academii de ramură, premii internaționale

-

A3.4.2. Premii naționale în domeniu

-

Total A3 : 207,72 puncte

Indicator	Conditii minimale – Profesor	Realizat
A3 - Recunoașterea impactului activității	150	207,72
A3.1.1 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI(WOS)	25	103
A3.1.1 Factor de impact ISI cumulat pentru publicatii	10	86,04

Director de departament,

Prof.dr.ing. Sorin-Aurel MORARU

Conf. dr. ing. Constantin SUCIU

Data:

18.07.2018