

Domeniul Fundamental: STIINTE INGINERESTI

Domeniul de Studii Universitare: CALCULATOARE si TEHNOLOGIA INFORMATIEI

Comisia CNATDCU [nr/denumire]: 15. CALCULATOARE, TEHNOLOGIA INFORMATIEI SI INGINERIA SISTEMELOR

UNIVERSITATEA POLITEHNICA BUCURESTI

FISA DE EVALUARE A ACTIVITATII CANDIDATULUI

Condiții Minimale pentru Inscrierea în vederea obținerii Atestatului de Abilitare, [OMECTS 6560 / 20.12.2012, MO, PI, 890bis / 27.12.2012]

CANDIDAT: prof.dr.ing. POPESCU DECEBAL

FACULTATEA: AUTOMATICA SI CALCULATOARE

Punctaje conditii minimale (A)

Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1	Activitatea didactica / profesionala (A1)	100.00	130.00
A2	Activitatea de cercetare (A2)	500.00	683.88
A3	Recunoasterea impactului activitatii (A3)	100.00	202.22
TOTAL (A)		700.00	1016.10

Punctaje conditii minimale obligatorii pe subcategorii

Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1.1.1- A1.1.2	Carti si capitole in carti de specialitate	4	5
A1.2.1- A1.2.2	Material didactic / Lucrari didactice	2	2
A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	12	29
A2.4.1	Granturi / proiecte castigate prin competitie (Director / responsabil)	2	7
A3.1.1- A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	20	61
	Factor de impact cumulat pentru publicatii	6	11.92

STRUCTURA ACTIVITATII CANDIDATULUI

A1	Activitatea didactica si pedagogica (A1)	130
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A1.1.1	Carti si capitole in carti de specialitate in edituri internationale recunoscute [25p/publicatie]	
1	Decebal Popescu , Nirvana Popescu, Ciprian Dobre, 2012, <i>E-Frameworks to Optimize Public Administration Services</i> , chapter 12 in Strategic and Pragmatic e-Business: Implications for Future Business Practices, Editor Karim Mohammed Rezaul, IGI Global, UK, ISBN 978-1-4666-1619-6, pag. 267-296.	25
2	Ionut-Mihai Posea, Marius Ion, Florin Pop, Decebal Popescu , Nirvana Popescu, e-Vote: A Cloud-based Electronic Voting System for Large Scale Election, Chapter 8 in Cloud Computing Technologies for Connected Government, IGI Global, UK, ISBN 978-1-4666-8629-8, pag. 187-213, 2015	25
Total (A1.1.1)		50

A1.1.2	Carti si capitole in carti de specialitate in edituri nationale recunoscute [20p/publicatie]	
1	Mircea Ivănescu, Decebal Popescu , 2014, <i>Arhitecturi avansate pentru conducerea roboșilor</i> , Ed. Politehnica Press, ISBN 978-606-515-568-8, 545 pagini (editura recunoscuta CNCS - cod 19)	20
2	Decebal Popescu , 2008, <i>Verilog HDL prin exemple</i> , Politehnica Press, ISBN 978-973-7838-63-6, 2008, 187 pagini (editura recunoscuta CNCS, cod 19)	20
3	Decebal Popescu , Nirvana Popescu, <i>Proiectarea aplicațiilor Internet utilizând HTML, JavaScript și Perl</i> , Cartea universitară, București, ISBN 973-7956-07-6, 2004, 128 pagini. (editura recunoscuta CNCS-cod 113)	20
Total (A1.1.2)		60

A1.2.1	Material didactic / Lucrari didactice [10p/publicatie]	
1	Decebal Popescu , Vlad Ciobanu, Iacob Petrescu, Adrian Petrescu, 2014, <i>Circuite integrate pe scară foarte largă</i> , Ed. Politehnica Press (editura recunoscuta CNCS-cod 19), București, ISBN 978-606-515-583-1, 206 pagini.	10
2	Adrian Petrescu, Decebal Popescu , Nirvana Popescu, Cornel Popescu, <i>Calculatoare Numerice – Îndrumar de laborator</i> , Printech, București, ISBN 973-652-845-6, 2003 (editura recunoscuta CNCS -cod 54), 141 pagini.	10
Total (A1.2.1)		20

A2	Activitatea de cercetare (A2)	683.88
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A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [(25+20*factor impact)/nr.aurori]	Numar autori	Factor Impact	Punctaj
1	Mircea Ivanescu, Nirvana Popescu, Decebal Popescu , The Shape Control of a Tentacle Arm, Robotica Cambridge Journal, Volume 33, Issue 03, March 2015, pp 684-703, DOI: http://dx.doi.org/10.1017/S0263574714000885 , WOS:000348494400014.	3	0.88	14.2

2	Mircea Ivanescu, Decebal Popescu , Nirvana Popescu, A Decoupled Sliding Mode Control for a Continuum Arm, Advanced Robotics Journal, Volume 29, Issue 13, July 2015, pp 831-845, DOI: 10.1080/01691864.2015.1035323, WOS:000360223300001.	3	0.57	12.13
3	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, A Spatial Weight Error Control for a Class of Hyper-Redundant Robots, IEEE Transactions on Robotics, 2013, Volume 29, Issue 4, pag. 1043-1050, DOI 10.1109/TRO.2013.2252861, WOS:000322836600018	3	2.530	25.20
4	Florin Pop, Ciprian Dobre, Decebal Popescu , Vlad Ciobanu, Valentin Cristea, <i>Digital Certificate Management for Document Workflows in e-Government Services</i> , IFIP WG 8.5 International Conference on Electronic Government (EGOV'10), 2010, pp. 363-374, ISBN: 3-642-14798-4, Springer-Verlag., Lausanne, WOS:000286404000031	5	0.250	6.00
5	Năstase Pavel, Popescu Decebal , <i>Management Information Systems for the Evaluation of Quality Assurance in Romanian Higher Education</i> , 6th International Seminar on the Quality Management in Higher Education, Vol. 2, pp. 563-566, Romania, 2010, WOS:000288291700141	2	0.250	15.00
6	M. Ivanescu, D. Cojocar, N. Bizdoaca, M. Florescu, N., Decebal Popescu , S. Dumitru, A Boundary Sensor Control for a Hyper-redundant Arm, Studies in Informatics and Control, vol.19, nr. 4, pag. 391-396, (ISI Thompson Scientific Master Jurnal List), decembrie 2010. WOS:000286364800006	7	0.670	5.49
7	M. Ivanescu, D. Cojocar, N. Bizdoaca, M. Florescu, N. Popescu, Decebal Popescu , S. Dumitru, Boundary Control by Boundary Observer for Hyper-redundant Robots, International Journal of Computers, Communications and Control, ISSN 1841-9836, E-ISSN 1841-9844, Vol. V , No. 5, pp. 751-762, 2010. WOS:000283908700017	7	0.650	5.43
8	Mircea Ivanescu, Nicu Bizdoaca, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Frequency Criteria for the Grasping Control of a Hyper-redundant Robot, IEEE International Conference on Robotics and Automation (ICRA 2010), pp. 1542-1549, 3 – 8 mai 2010, Anchorache, Alaska, U.S.A. WOS:000284150002132	5	0.250	6.00
9	N. Popescu, Decebal Popescu , M. Poboroniuc, The FPGA Implementation of a Neurostimulator, vol.19, nr. 1, Studies in Informatics and Control, vol. 19, fasc. 1, pag. 85-92, martie 2010. WOS:000276058500009	3	0.670	12.80
10	M. Ivanescu, N. Popescu, Decebal Popescu , M. Florescu, The Control of the Hyper-redundant Manipulators by Frequency Criteria, Studies in Informatics and Control, vol.18, nr. 3, pag. 279-288, septembrie 2009. WOS:000270244500010	4	0.250	7.50
11	Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Stability Control of a Hyperredundant Arm for a Grasping Operation, Journal of Vibroengineering, ISSN 1392-8716, vol.11, nr.1, pp. 83 – 91, 2009. WOS:000265143400011	4	0.350	8.00
12	Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Position and force control of the grasping function for a hyperredundant arm, IEEE International Conference on Robotics and Automation (ICRA 2008), pp. 2599-2604, Pasadena, 2008, WOS:000258095001214	4	0.250	7.50
13	M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, A Compliance Control of a Hyperredundant Robot, Studies in Informatics and Control, vol.17, nr. 2, pag. 189 – 200, iunie 2008. WOS:000269029200007	4	0.250	7.50
14	Mircea Ivănescu, Nirvana Popescu, Decebal Popescu , Mihaela Florescu, Coil function problem for a hyperredundant robot, Proceedings of IEEE/ASME International Conference On Advanced Intelligent Mechatronics, Vols 1-3, pag. 518-523, 2007, Zurich. WOS:000255992100089	4	0.250	7.50
15	M. Ivănescu, N. Popescu, Decebal Popescu , M. Florescu, A Ditrubuted Control for a Grasping Function of a Hyperredundant Arm, Jurnal of Vibroengineering, vol. 9, nr. 4, ISSN 1392-8716, pag.9-13, octombrie/decembrie 2007. WOS:000255783300002	4	0.350	8.00
16	Mircea Ivanescu, Nirvana Popescu, Decebal Popescu , A Variable Length Tentacle Manipulator Control System, Proceedings of the 2005 IEEE International Conference on Robotics and Automation, pag 3285-3290, Barcelona, Spania, aprilie 2005. WOS:000235460102145	3	0.250	10.00
17	Mircea Ivănescu, Nirvana Popescu, Decebal Popescu , A Variable Length Hyperreddundant Arm Control System, Proceedings of the 2005 IEEE International Conference on Mechatronics and Automation, pag 1998-2003, Niagara Falls, Canada, iulie 2005. WOS:000238860803058	3	0.250	10.00

18	Decebal Popescu , Kai Huebner, Jianwei Zhang, <i>Real-time Intelligent Vision Sensor for Robot Navigation Using Symmetry Features</i> , The 5th International FLINS Conference on Computational Intelligent Systems for Applied Research, pag. 421-428, Gent, Belgia, septembrie 2002. WOS:000186233300051	3	0.250	10.00
19	Decebal Popescu , Jianwei Zhang, <i>Fuzzy Expert System Based on Symmetry Features for Range Estimation</i> , 6th International Conference on Climbing and Walking Robots, pag. 991-998, Italia, septembrie 2003. WOS:000186071100119	2	0.250	15.00
20	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, Dorin Popescu, Cristian Vladu, Ileana Vladu, <i>Force Observer-Based Control for a Rehabilitation Hand Exoskeleton System</i> , Asian Control Conference (ASCC2013), pag. 1-6, Istanbul, Turcia, 2013, WOS:000333734900088	6	0.250	5.00
21	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, <i>An Weighted Error Controller for a Class of Distributed Parameter Systems</i> , Asian Control Conference (ASCC2013), pag. 12-17, Istanbul, Turcia, 2013, WOS:000333734900126.	3	0.250	10.00
22	Vlad Ciobanu, Decebal Popescu , Adrian Petrescu, Point of Contact Location and Normal Force Estimation Using Biomimetical Tactile Sensors, International Conference on Complex, Intelligent and Software Intensive Systems, pp. 373-378, Birmingham, UK, July 2014, WOS 000352618900054	3	0.250	10.00
23	Decebal Popescu , Jianwei Zhang, Hardware implementation of an improved symmetry feature point extraction algorithm, 6th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science, Belgium, 2004, APPLIED COMPUTATIONAL INTELLIGENCEm, Pages: 655-658, DOI: 10.1142/9789812702661_0117,WOS:000228784700114	2	0.250	15.00
24	Vlad Ciobanu, Decebal Popescu , Florin Pop, Valentin Cristea, A Distributed Approach to Business Intelligence Systems Synchronization, 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) 2010, Pages: 581-585, DOI: 10.1109/SYNASC.2010.43, WOS:000349920700084	4	0.250	7.50
25	Nirvana Popescu, Decebal Popescu , Alexandru Cozma, Alexandru Jan Vaduva, Hardware Design and Implementation of an Intelligent Haptic Robotic Glove, Proc. of the 8th International Conference and Exposition on Electrical and Power Engineering, EPE2014, IASI Romania, ISSN: 978-1-4799-5848-1, 2014. BDI: IEEEExplore, ISI. WOS:000353565300028	4	0.250	7.50
26	Mihai Bărbulescu, Andrei Mușat, Decebal Popescu , 3D Printed Robotic Glove Useful for Recovery of People Affected by Stoke, The 20th International Conference on Control Systems and Computer Science, Bucharest, pp. 833 – 837, 2015. WOS:000380375200121	3	0.250	10.00
27	Mihaela Mărăcine, Alexandra Radu, Decebal Popescu , BCI Data Classification for Hand Rehabilitation, The 20th International Conference on Control Systems and Computer Science, Bucharest, ISBN 978-1-4799-1779-2, pp. 845 – 849, 2015. WOS:000380375200123	3	0,250	10.00
28	Nirvana Popescu, Vlad Ciobanu, Adrian Ghidel, Flavius Dinu, Decebal Popescu , "Predefined Recovery Exercises System for After Stroke Hand Rehabilitation", EPE2016: International Conference and Exposition on Electrical and Power Engineering, International Workshop on Advances in Rehabilitation Engineering Applications, Iasi, Romania, Oct. 2016, pp.61-67. WOS:000390706300067	5	0,250	6.00
29	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, Dorin Popescu, Cristian Vladu, Cosmin Berceanu, Marian Poboroniuc, Exoskeleton Design of an Intelligent Haptic Robotic Glove , 19th International Conference on Control Systems and Computer Science, vol. 1, pag. 196-201, București, 2013, WOS:000328493800030	7	0.250	4.29
Total (A2.1)			11.92	278.53

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr. autori]	Numar autori	Punctaj
1	Nirvana Popescu, Decebal Popescu , Mircea Ivănescu, "Intelligent Robotic Approach For After - Stroke Hand Rehabilitation", HEALTHINF 2016: The 9th International Conference on Health Informatics, Feb. 2016, Roma, pp. 49-56. BDI: INSPEC, IET	3	6.67
2	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, A Hybrid Control System for a Tentacle Arm, 10th International Conference on Informatics in Control, Automation and Robotics - ICINCO2013, Volume 1, pag. 50-57, Reykjavik, Islanda, 2013, BDI: IET Inspec.	3	6.67
3	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, Mircea Nițulescu, The Curvature Control of a Hyper-redundant Robot, International Symposium on Robotics (ISR 2014), pg. 251-257, Munich, Germany, 2014. BDI: IEEEExplore	4	5.00
4	Decebal Popescu , Nirvana Popescu, Mircea Ivanescu, Dorin Popescu, A Variable Structure Controller for a Class of Hyper-redundant Arms, 11th International Conference on Informatics in Control, Automation and Robotics - ICINCO2014, Vienna, Austria, Volume 1, pg. 121-126, 2014, BDI: IET Inspec.	4	5.00
5	Nirvana Popescu, Decebal Popescu , Vlad Ciobanu and Florin Pop, Electronic service for distributed interaction in e-government environments, FUBUTEC 2011, Future Business Technology, April 18-20, 2011, pp. 54-59, British Institute of Technology and Ecommerce, London, UK, ISBN: 978-90-77381-61-8. BDI: Inspec.	4	5.00
6	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, Mihaela Florescu, Control Algorithm for a Hyper-redundant Robot Class, International Symposium on Robotics (ISR 2012), Taipei, 2012, pp. 804-809. BDI: IEEEExplore.	3	6.67
7	Nirvana Popescu, Decebal Popescu, Mircea Ivănescu, A Boundary Control for a Class of Systems Described by Hyperbolic Partial Differential Equations with Nonlinear Components, International Journal of Engineering and Innovative Technology, Volume 3, Issue 5, pp. 410-415, Noiembrie 2013, ISSN 2277-3754. BDI: Google Scholar. http://ijeit.com/Vol%203/Issue%205/IJEIT1412201311_68.pdf	3	6.67
8	V. Ciobanu, Decebal Popescu , C. Dobre, F. Pop, V. Cristea, <i>The EU-services directive: An E-framework to optimize public administration</i> , Third International Conference on Emerging Intelligent Data and Web Technologies (EIDWT), 2012, pp. 336 - 341, București. BDI: IEEEExplore.	5	4.00
9	A. Marin, C. Dobre, Decebal Popescu , V. Cristea, E-Systems for Automatic Data Migration, the 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2010, pp. 479 - 484, Romania, BDI: INSPEC, IEEEExplore.	4	5.00
10	Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , On the Control of a Hyper-redundant Arm, International Symposium on Robotics & German Conference on Robotics (ISR / Robotik 2010), pp. 121-126, Munchen, Germania, 7 – 9 iunie 2010. BDI: IEEEExplore.	4	5.00
11	M. Ivanescu, N. Popescu, Decebal Popescu , M. Florescu, A Distributed Force and Position Control for a Tentacle Manipulator, the 17th IFAC World Congress, Seoul, Coreea, ISBN 978-1-1234-7890-2, pp. 15642-15647, 6-11 iulie 2008. (Elsevier)	4	5.00
12	M. Ivănescu, N. Popescu, Decebal Popescu , R.T. Tanasie, 3D Visual Servoing for a Tentacle Manipulator, The 6th Asian Control Conference (ASCC 2006), ISBN 979-15017-0, pag. 886-893, 18-21 iulie, Bali, Indonesia, 2006. BDI: INSPEC	4	5.00
13	Mircea Ivănescu, Dorian Cojocaru, Nirvana Popescu, Decebal Popescu , Răzvan Tudor Tănasie, Visual Based Control System for a Tentacle Manipulator, Studies in Informatics and Control, vol.15, nr. 1, pag. 93 – 102, 2006, BDI: INSPEC, DOAJ, IS, IET.	5	4.00

14	Decebal Popescu , Jianwei Zhang, A Fuzzy Expert System for Range Estimation, Studies in Informatics and Control, vol.12, nr. 2, pag 101-109, iunie 2003., BDI: INSPEC, DOAJ, IS, IET.	2	10.00
15	Ivanescu, M., Florescu, M., Popescu, N., Popescu, D. , Control System of the Coil Function for a Hyperredundant Robot, The 4th International Federation of Automation Control Conference on Management and Control of Production and Logistics (IFAC MCPL 2007), September 27-30, 2007, Sibiu, Romania, pp.97-102	4	5.00
16	Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , On the Stability of the Grasping Function with ER Fluids, The 16th International Congress on Sound and Vibration (ICSV 16), Krakow, Poland, 5 – 9 iulie 2009, ISBN 978-83-60716-72-4, pp. 1 – 8, BDI: IET	4	5.00
17	M. Ivănescu, M. Florescu, N. Popescu, Decebal Popescu , Grasping Control of a Tentacle Arm, Proc. of the European Control Conference 2009 ISBN 978-963-311-369-1, Budapesta, pag. 3076 – 3081, august 2009. BDI: IET.	4	5.00
18	Viorel Stoian, Bazdoaca Nicu, Nirvana Popescu, Decebal Popescu , Non Conventional Controller for Electroreological Fluid Actuated Walking Robot, The 5th International Conference on Climbing and Walking Robots, pag. 203 – 210, Paris, 25 – 27 septembrie 2002. BDI: INSPEC	4	5.00
19	Mircea Ivanescu, Nicu Bazdoaca, Nirvana Popescu, Decebal Popescu , Hierarchical Control of a Smart Material Hyperredundant Cooperative Robots, International Symposium on Robotics, pag. 1065 – 1070, Corea, aprilie 2001. BDI: IEEEExplore.	4	5.00
20	Dorian Cojocaru, Bazdoaca Nicu, Nirvana Popescu, Decebal Popescu , An Intelligent Fuzzy Controller for Cooperative Tasks of Tentacle Robots, The 4th Asian Conference on Robotics and its Applications, pag. 318-323, Singapore, iunie 2001. BDI: IEEE Xplore	4	5.00
21	M. Ivanescu, Nirvana Popescu, Decebal Popescu , Moving Target Interception for a Walking Robot by Fuzzy Observer and Fuzzy Controller, The 4th International Conference on Climbing and Walking Robots, pag. 363 – 376, Germania, Karlsruhe, septembrie 2001, BDI: INSPEC	3	6.67
22	Viorel Stoian, Nicu Bazdoaca, Nirvana Popescu, Decebal Popescu , A Robust Fuzzy Controller for a Class of Multiple Hyperredundant Cooperative Robots – Mechatronics Conference (ICRAM), Istanbul, Turcia, pag. 330-337, 22-26 mai 1999; BDI: IET	4	5.00
23	Viorel Stoian, Nicu Bazdoaca, Nirvana Popescu, Decebal Popescu , A Class of Fuzzy Controllers for Snake-type Cooperative Robots, Dycons'99 – International Control of Dynamic and Control System, pag. 206-212 Montreal, Canada, 5-7 august 1999, BDI: IET	4	5.00
24	Viorel Stoian, Nicu Bazdoaca, Nirvana Popescu, Decebal Popescu , Robust Control System for Tentacle Robots in Cooperative Tasks – 7th European Congress on Intelligent Tehniques & Soft Computing (EUFIT), pag. 155-160, Aachen, Germania, 13-16 septembrie 1999, BDI: IET	4	5.00
25	Mircea Ivanescu, Dorian Cojocaru, Bazdoaca Nicu, Nirvana Popescu, Decebal Popescu , A Fuzzy Controller for Tentacle Cooperative Robots, 2001 ASME International Mechanical Engineering Congress and Exposition, pag. 1 - 7, New York, noiembrie 2001, BDI: IET	5	4.00
Total (A2.2)			135.35

A2.3.1	Proprietate intelectuala, brevete de inventie, certificate ORDA, internationale [35/nr.autori]	Nrumar autori	Punctaj
Total (A2.3.1)			0.00

A2.3.2	Proprietate intelectuala, brevete de inventie, certificate ORDA, Nationale [20/nr.autori]	Numar autori	Punctaj
Total (A2.3.2)			0.00

A2.4.1.1	Granturi / proiecte internationale castigate prin competitie - Director de proiect [20 * ani in desfasurare]	Numar ani	Punctaj
1	Proiect de cercetare international "e-CAESAR eSAFE POC ", nr. eCAESAR-118-220-2010-07-26-x, derulat 2010, Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin	1	20
2	Proiect de cercetare international "e-CAESAR Trusted Safe", derulat 2011, Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin	1	20
3	Proiect de cercetare international "e-CAESAR EUSDRO ", nr. eCAESAR-115-220-2009-01-29-x, derulat 2009 Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin	1	20
Total (A2.4.1.1)			60.00

A2.4.1.2	Granturi / proiecte nationale castigate prin competitie - Director de proiect [10 * ani in desfasurare]	Numar ani	Punctaj
1	Contract nr. 259 CEEX/ 11.09.2006: "Controlul și integrarea tehnologică a metrialelor și structurilor inteligente (CITMSI)", 2006-2010	5	50
2	Contract nr.130 / 29.07.2012, Program Parteneriate "High Performance Computing of Personalized Cardio Component Models"(HEART), 2012-2016	5	50
3	Contract nr.29 / 2014, Program Parteneriate "Sistem informatic bazat pe servicii cloud, accesibile prin dispozitive mobile, pentru cresterea calitatii produselor si dezvoltarea afacerilor fermelor agricole (CLUeFARM)", 2014-2016	2	20
4	Proiect nr.111/22.02.2013, cod SMIS 31446, "Dezvoltarea interoperabilității bazelor de date destinate IMM-uri", 2013-2014, proiect Ministerul pentru Societatea Informațională. Manager de proiect conform Ordin de ministru nr. 371/06.06.2013.	1	10
Total (A2.4.1.2)			130.00

A2.4.2.1	Granturi / proiecte internationale castigate prin competitie - Membru in echipa [4 * ani in desfasurare]	Numar ani	Punctaj
1	Proiect de cercetare international "E-CAESAR PRO" 2009, nr. eCAESAR-117-220-2009-12-21-x, Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin	1	4
2	Proiect de cercetare international "E-CAESAR nPA Connector" 2010, nr. eCAESAR-119-220-2010-09-01-x, Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin.	1	4
3	Proiect de cercetare international "E-CAESAR SETUP" 2008, nr. 115/e147479/220, Institutul Fokus, Berlin, Germania. eCAESAR este un consortiu al UPB, ASE București și Institutul Fraunhofer FOKUS Berlin	1	4
4	Grant major de cercetare de tip D, Cod 50 / 40633 / 2000, 2001,2002.Centru international de Master si Doctorat în domeniul robotilor mobili, beneficiar: C.N.C.S.I.S. si BANCA MONDIALA (cu derulare pe 2 ani): 2000-2002	2	8
5	Proiect internațional cofinanțat de UE cod CIP-ICT PSP-2008-2 nr. 238935, "SPOCS- Simple Procedures Online for Cross-border Services". 2010-2012	2	8

6	Grant major de cercetare, Contract nr 4C/15.01.1998/126, Cercetari în domeniul robotilor mobili, 1998.	1	4
Total (A2.4.2.1)			32.00

A2.4.2.2	Granturi / proiecte nationale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Numar ani	Punctaj
1	Contract PN II, nr. D11 - 068 /18.09.2007: "Sisteme incorporate tip neuroproteză pentru recuperarea persoanelor cu handicap neuromotor (SINPHA)", 2007-2010.	3	6
2	Contract nr. 150/2012, Program Parteneriate - Competitia 2011: Intelligent Haptic Robot Glove for the patients suffering a cerebrovascular accident (IHRG), 2012-2016.	5	10
3	Proiect cod SMIS 31445 "Dezvoltarea PKI bridge", 2013-2014, proiect Ministerul pentru Societatea Informațională. Membru în echipa de proiect conform Ordin de ministru nr. 320/23.05.2013.	1	2
4	Proiect POS CCE nr. 154/323 cod SMIS – 4428, "Platformă de eLearning și curriculum eContent pentru învățământul superior tehnic", proiect co-finanțat prin Fondul European de Dezvoltare Regională, "Investiții pentru viitorul dumneavoastră". Director: Prof.dr.ing. Nicolae Țăpuș (UPB). Perioade de desfasurare: Octombrie 2010 - Octombrie 2012	2	4
5	Proiect PO-DCA cod SMIS 32612, "Pregătirea sistemului national de e-Administrație în România", 2012-2015	3	6
6	Contract nr. 24 CEEEX – I03/10/10/2005: „Partajarea resurselor de instruire și de cercetare”, 2005-2008	3	6
7	Nr. contract: 35264 / 2001, Cod CNCSIS: 151, Algoritmi si arhitecturi pentru ghidarea robotilor mobili pe traiectorii cablate sau programate, CNCSIS, 2001.	1	2
8	Nr. contract: 33451 / 2002, Cod CNCSIS: 11, Planificarea traiectoriilor globale ale robotilor mobili, CNCSIS, 2002.	1	2
9	Contract cercetare, ANSTI Nr. 131/1999, Cercetari privind transmisia de date prin retelele de alimentare cu energie electrica si prin radio, aditional A6/2000 : Studiu si experimentari privind subsansamblele numerice folosite pentru transmisii de date bazate pe structuri programabile, 1999 - 2000.	2	4
10	Contract de cercetare MEC, Nr. 501/2000, Procesoare de criptare/decriptare a informatiei realizate cu circuite cu structura programabila si reprogramabila, Tema A16, 2000-2002.	3	6
Total (A2.4.2.2)			48.00

A3	Recunoasterea si impactul activitatii (A3)	202.22
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A3.1.1	Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr.autori citati]	Nr. aut. art. citat	Punctaj
	Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Position and force control of the grasping function for a hyperredundant arm, IEEE International Conference on Robotics and Automation (ICRA 2008), pp. 2599-2604, Pasadena, 2008, WOS:000258095001214 Citat de:		
1	Determining "grasping" configurations for a spatial continuum manipulator Li Jinglin, Jiang Xiao, 2011 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6094663&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6094663 , WOS:000297477504085	4	2.00

Mircea Ivanescu, Nirvana Popescu, Decebal Popescu , A Variable Length Tentacle Manipulator Control System, Proceedings of the 2005 IEEE International Conference on Robotics and Automation, pag 3285-3290, Barcelona, Spania, aprilie 2005. Citat de:			
2	Kinematics for multisection continuum robots BA Jones, ID Walker, IEEE Transactions on Robotics, 2006 - ieeexplore.ieee.org, http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 17) WOS:000235490800005	3	2.67
3	Embodiment design of soft continuum robots de Rongjie Kang, Emanuele Guglielmino, Letizia Zullo, David T Branson, Isuru Godage, Darwin G Caldwell - Advances in Mechanical Engineering, 2016 WOS:000375583100029	3	2.67
4	Three-Dimensional Passivity-Based Dynamic Control for Tendon-Driven Catheters de Minou Kouh Soltani, Khanmohammadi, Sohrab; Ghalichi, Farzan, MATEC Web of Conferences, 2016 WOS:000372745100008	3	2.67
5	A Model-Based Sliding Mode Controller for Extensible Continuum Robots de Apoorva D. Kapadia Ian D. Walker Darren M. Dawson, Enver Tatlicioglu - Recent Advances In Signal Processing, Robotics And Automation, 2016 WOS:000276878300019	3	2.67
6	Modeling a Hyperflexible Planar Bending Actuator as an Inextensible Euler–Bernoulli Beam for Use in Flexible Robots de Y Shapiro, K Gabor, A Wolf - Soft Robotics, 2015 WOS:000364571000004	3	2.67
7	A neural network controller for continuum robots, D Braganza, DM Dawson, ID Walke, Nath, Nitendra G. , IEEE Transactions on Robotics, 2007 - ieeexplore.ieee.org http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 11) WOS:000251944100018	3	2.67
8	Octopus-inspired grasp-synergies for continuum manipulators W McMahan, ID Walker - IEEE Conference on Robotics and Biomimetics, 2008 - ieeexplore.ieee.org http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en WOS:000271966900157	3	2.67
9	Neural network grasping controller for continuum robots D Braganza, DM Dawson, ID Walke, Nath, Nitendra G. - IEEE Conference on Decision and Control, 2006 - ieeexplore.ieee.org, http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Reference 12) WOS:000252251602127	3	2.67
10	A model-based sliding mode controller for extensible continuum robots AD Kapadia, ID Walker, DM Dawson, Enver Tatlicioglu- Proceedings of the 9th WSEAS international conference on Signal processing, robotics and automation, 2010 - dl.acm.org http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 13) WOS:000276878300019	3	2.67
11	Empirical investigation of closed-loop control of extensible continuum manipulators AD Kapadia, KE Fry, ID Walker - Intelligent Robots and System, 2014 - ieeexplore.ieee.org (Referinta 25) WOS:000349834600050	3	2.67
12	Design, construction, and analysis of a continuum robot S Neppalli, BA Jones, IEEE International Conference on Intelligent Robots and Systems, 2007. IROS 2007, ieeexplore.ieee.org http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 13) WOS:000254073201015	3	2.67

13	New dynamic models for planar extensible continuum robot manipulators E Tatlicioglu, ID Walker, Dawson, Darren M., in IEEE International Conference on Intelligent Robots and Systems, 2007 - ieeexplore.ieee.org, http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 23) WOS:000254073201012	3	2.67
14	Limiting-case analysis of continuum trunk kinematics BA Jones, ID Walker - IEEE Conference on Robotics and Automation, 2007 - ieeexplore.ieee.org http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en (Referinta 9) WOS:000250915301059	3	2.67
15	Continuum Robots ID Walker, KE Green - Encyclopedia of Complexity and Systems Science, 2009 - Editura Springer; https://scholar.google.ro/scholar?start=10&hl=ro&as_sdt=0,5&scioldt=0,5&cites=9995677721214576269&scipsc= (carte)	3	2.67
16	Self-Motion analysis of extensible continuum manipulators AD Kapadia, ID Walker - Robotics and Automation (ICRA),2013 http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6630842&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6630842 (Referinta 21) WOS:000337617301148	3	2.67
17	Empirical Investigation of Closed-Loop Control of Extensible Continuum Manipulators By: Kapadia, Apoorva D.; Fry, Katelyn E.; Walker, Ian D. Book Group Author(s): IEEE Conference: IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) Location: Chicago, IL Date: SEP 14-18, 2014, WOS:000349834600050	3	2.67
18	Task-space control of extensible continuum manipulators A Kapadia, ID Walker - IEEE International Conference on Robots and Systems (IROS), 2011 - ieeexplore.ieee.org http://scholar.google.com/scholar?start=10&hl=en&as_sdt=2005&scioldt=0,5&cites=9995677721214576269&scipsc= WOS:00029747750106	3	2.67
19	Teleoperation control of a redundant continuum manipulator using a non-redundant rigid-link master AD Kapadia, I Walker, E Tatlicioglu - IEEE International Conference on Intelligent Robots and Systems, 2012 - ieeexplore.ieee.org http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6385990&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6385990 (Referinta 20) WOS:000317042703107	3	2.67
Mircea Ivănescu, Nirvana Popescu, Decebal Popescu , A Variable Length Hyperredundant Arm Control System, Proceedings of the 2005 IEEE International Conference on Mechatronics and Automation, pag 1998-2003, Niagara Falls, Canada, iulie 2005. Citat de:			
20	An optimization approach for the inverse kinematics of a highly redundant robot, P Costa, J Lima, AI Pereira, P Costa, A Pinto , Advances in Intelligent Systems and Computing, 2016, WOS:000371912400041	3	2.67
Mircea Ivănescu, Nirvana Popescu, Decebal Popescu , Mihaela Florescu, Coil function problem for a hyperredundant robot, Proceedings of IEEE/ASME International Conference On Advanced Intelligent Mechatronics, Vols 1-3, pag. 518-523, 2007, Zurich. Citat de:			
21	Design and kinematic modeling of constant curvature continuum robots: A review RJ Webster, BA Jones - The International Journal of Robotics Research, 2010 - ijr.sagepub.com http://scholar.google.com/scholar?cites=1836306745671254112&as_sdt=2005&scioldt=0,5&hl=en WOS:000283847100005	4	2.00

22	Fruit harvesting continuum manipulator inspired by elephant trunk de S Tiefeng, Z Libin, D Mingyu, International Journal of Agricultural and Biological Engineering 2015 WOS:000351105500008	4	2.00
23	Three dimensional statics for continuum robotics BA Jones, RL Gray, K Turlapati - International Conference on Intelligent Robots and Systems 2009 - ieeexplore.ieee.org http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5354199&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5354199 http://scholar.google.com/scholar?cites=1836306745671254112&as_sdt=2005&scioldt=0,5&hl=en (Referinta 24) WOS:000285372901125	4	2.00
M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, The Control of the Hyper-redundant Manipulators by Frequency Criteria, Studies in Informatics and Control, vol.18, nr. 3, pag. 279-288, septembrie 2009. Citat de:			
24	Recurrent Neural Networks in Linear Systems Controlling PC Patic, R ZEMOURI, L DUTA - Studies in Informatics and Control, 2010 - sic.ici.ro, http://sic.ici.ro/sic2010_2/art05.php (Referinta 8) WOS:000279310700005	4	2.00
25	Speed Control of an Asynchronous Motor Using PID Neural Network VA Maraba, AE Kuzucuoglu - Studies in Informatics and Control, 2011 - sic.ici.ro, http://sic.ici.ro/sic2011_3/art01.pdf (Referinta 5) WOS:000299459200001	4	2.00
Nirvana Popescu, Decebal Popescu, Mircea Ivanescu, Dorin Popescu, Cristian Vladu, Cosmin Berceanu, Marian Poboroniuc, Exoskeleton Design of an Intelligent Haptic Robotic Glove , 19th International Conference on Control Systems and Computer Science, vol. 1, pag. 196-201, București, 2013, WOS:000328493800003 Citat de:			
26	Structured overview of trends and technologies used in dynamic hand orthoses, Ronald A. Bos, Claudia J.W. Haarman, Teun Stortelder, Kostas Nizamis, Just L. Herder, Arno H.A. Stienen and Dick H. Plettenburg, Journal of NeuroEngineering and Rehabilitation – 2016 WOS:000378994800001	7	1.14
Mircea Ivanescu, Nicu Bizdoaca, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Frequency Criteria for the Grasping Control of a Hyper-redundant Robot, IEEE International Conference on Robotics and Automation (ICRA 2010), pp. 1542-1549, 3 – 8 mai 2010, Anchorage, Alaska, U.S.A. Citat de:			
27	Inclined Links Hyper-Redundant Elephant Trunk-Like Robot O Salomon, A Wolf - 2012 - brml.technion.ac.il http://scholar.google.com/scholar?cites=8846660282108419364&as_sdt=2005&scioldt=0,5&hl=en , WOS:000310596700013	5	1.60
M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, A Distributed Force and Position Control for a Tentacle Manipulator, the 17th IFAC World Congress, Seoul, Corea, ISBN 978-1-1234-7890-2, pp. 15642-15647, 6-11 iulie 2008. (Elsevier) Citat de:			
28	Modeling and control of a planar continuum robot M Dehghani, SAA Moosavian - IEEE Conference on Advanced Intelligent Mechatronics (AIM), 2011 - ieeexplore.ieee.org http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6027137&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6027137 (Referinta 32) WOS:000298805800161	4	2
M. Ivanescu, Nirvana Popescu, Decebal Popescu , Moving Target Interception for a Walking Robot by Fuzzy Observer and Fuzzy Controller, The 4th International Conference on Climbing and Walking Robots, pag. 363 – 376, Germania, Karlsruhe, septembrie 2001, BDI: INSPEC Citat de:			

29	Survey of intelligent control techniques for humanoid robots D Katić, M Vukobratović - Journal of Intelligent and Robotic Systems, 2003 - Springer (Referinta 22) WOS:000183440600001	3	2.67
30	Navigation Control of a Mobile Robot under Time Constraint using Genetic Algorithms, CSP Techniques, and Fuzzy Logic T Hayet, T Hatem, K Jilani – Nature inspired Computing 2017 IGI Global book WOS:000363534100018	3	2.67
31	Intelligent control of robotic systems D Katic, M Vukobratovic - 2013 - books.google.com (carte)	3	2.67
32	Design and dynamic walking control of humanoid robot Blackmann J Wang, T Sheng, H Ma, H Qin - The 6th World Congres on Intelligent Control and Automation, 2006 http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=11210 (Referinta 16) WOS:000241773209206	3	2.67
	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, Dorin Popescu, Cristian Vladu, Ileana Vladu, Force Observer-Based Control for a Rehabilitation Hand Exoskeleton System, Asian Control Conference (ASCC2013), pag. 1-6, Istanbul, Turcia, 2013, BDI: IEEE Xplore, ISI (WOS:000333734900088). Citat de:		
33	Modelling of Pneumatic Air Muscles for Direct Rotary Actuation of Hand Rehabilitation Glove B Wang, KC Aw, M Biglari-Abhari, A McDaid - Social Robotics, 2014 - Springer pp. 360-369 http://cs.aminer.org/publication/modelling-of-pneumatic-air-muscles-for-direct-rotary-actuation-of-hand-rehabilitation-glove-4168405.html;jsessionid=56CBEB3DB85483086365C41D5FADDF8B.tt WOS:000345021800037	6	1.33
34	Hand Rehabilitation Learning System with an Exoskeleton Robotic Glove, Z Ma, P Ben-Tzvi, J Danoff - IEEE Transactions on Neural Systems and Rehabilitation Engineering -2016 WOS:000390559600006	6	1.33
35	The manufacturing of textile products with incorporated electrodes, Antonela Curteza, Viorica Cretu, Laura Macovei, Marian Poboroniuc - AUTEX Research Journal 2016 WOS:000374853500003	6	1.33
36	Adaptive observer based on MLPNN and sliding mode for wearable robots: Application to an active joint orthosis, B Achili, T Madani, B Daachi, K Djouani - Neurocomputing, 2016, WOS:000376694700006	6	1.33
	M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, A Distributed Control for a Grasping Function of a Hyperredundant Arm, Jurnal of Vibroengineering, vol. 9, nr. 4, ISSN 1392-8716, pag.9-13, octombrie/decembrie 2007 Citat de:		

37	Studies and experiments related to modular structure robot N Bîzdoacă, A Petrisor, S Degeratu, E Bîzdoacă, C. Vladu, Proceedings of the 7th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING, 2008, http://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16710628507668808936 (Referinta 2) WOS:000263454800046	4	2
	Nirvana Popescu, Decebal Popescu , Mircea Ivanescu, A Spatial Weight Error Control for a Class of Hyper-Redundant Robots, IEEE Transactions on Robotics, 2013, Volume 29, Issue 4, pag. 1043-1050, DOI 10.1109/TRO.2013.2252861, WOS:000322836600018 citat de:		
38	Redundant Input Safety Tracking for Omnidirectional Rehabilitative Training Walker with Control Constraints, P Sun, S Wang - Asian Journal of Control, 2017 WOS:000393679200012	3	2.67
	Mircea Ivanescu, Doran Cojocaru, Nirvana Popescu, Decebal Popescu , Razvan Tudor Tanasie, Visual Based Control System for a Tentacle Manipulator, Studies in Informatics and Control, vol.15, nr. 1, pag. 93 – 102, 2006, BDI: INSPEC, DOAJ, IS, IET. Citat de:		
39	3D Control for a Tronconic Tentacle G Bocolato, I. Dinulescu, A Predescu, F. Manta, 12th International Conference on Computer Modelling and Simulation (UKSim), 2010 http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5480442&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5480442 (Referinta 8) WOS:000303356500071	5	1.6
40	Vlad Ciobanu, Decebal Popescu , Adrian Petrescu, Point of Contact Location and Normal Force Estimation Using Biomimetical Tactile Sensors, International Conference on Complex, Intelligent and Software Intensive Systems, pp. 373-378, Birmingham, UK, July 2014, WOS 000352618900054 citat de:		
41	Contact localization on grasped objects using tactile sensing Artem Molchanov ; Oliver Kroemer ; Zhe Su ; Gaurav S. Sukhatme 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) WOS:000391921700032	3	2.67
	Mihai Bărbulescu, Andrei Mușat, Decebal Popescu , 3D Printed Robotic Glove Useful for Recovery of People Affected by Stoke, The 20th International Conference on Control Systems and Computer Science, Bucharest, pp. 833 – 837, 2015. WOS:000380375200121		
42	Design and Development of a Self-adaptive, Reconfigurable and Low-Cost Robotic Arm Kemal Oltun Evliyaoğlu, Meltem Elitaş, Mechatronics and Robotics Engineering for Advanced and Intelligent Manufacturing, 2016 WOS:000398019900031	3	2.67
	Total (A3.1.1)		93.75

A3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI [4/nr.autori citati]	Nr. aut. art. citat	Punctaj
Mircea Ivanescu, Nicu Bizdoaca, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Frequency Criteria for the Grasping Control of a Hyper-redundant Robot, IEEE International Conference on Robotics and Automation (ICRA 2010), pp. 1542-1549, 3 – 8 mai 2010, Anchorache, Alaska, U.S.A. Citat de:			
43	Dynamic model for hyper-redundant robots, Manta Liviu Florin, Dumitru Sorin, Cojocar Dorian, Int. Conf on System Theory, Control and Computing, 2014 – BDI: IEEEExplore.	5	0.8
44	Sensorial system for hyper-redundant arm IC Vladu, V Stoian, I Vladu, Srtimbeanu D., Int. Conf on System Theory, Control and Computing, 2014, BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6982389&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6982389	5	0.80
Mircea Ivanescu, Nirvana Popescu, Decebal Popescu , A Variable Length Tentacle Manipulator Control System, Proceedings of the 2005 IEEE International Conference on Robotics and Automation, pag 3285-3290, Barcelona, Spania, aprilie 2005. Citat de:			
45	KINEMATICS AND IMPLEMENTATION OF CONTINUUM MANIPULATORS _ BA Jones - 2005 - ece.msstate.edu http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en , BDI: GoogleScholar	3	1.33
46	Control of nonlinear mechatronic systems E Tatlicioglu - 2007 - etd.lib.clemson.edu http://scholar.google.com/scholar?cites=9995677721214576269&as_sdt=2005&scioldt=0,5&hl=en , BDI: GoogleScholar	3	1.33
47	Robotic Continuum Surfaces With Application in Everyday Environments B Willimon, T Threatt, J Merino, N Giri, I Walker... - willimon.googlecode.com https://scholar.google.ro/scholar?start=10&hl=ro&as_sdt=0,5&scioldt=0,5&cites=9995677721214576269&scipsc= (Referinta 17) BDI: GoogleScholar	3	1.33
48	Control techniques for robot manipulator systems with modeling uncertainties D Braganza - 2007 - etd.lib.clemson.edu http://scholar.google.com/scholar?start=10&hl=en&as_sdt=2005&scioldt=0,5&cites=9995677721214576269&scipsc= BDI: GoogleScholar	3	1.33
Mircea Ivănescu, Nirvana Popescu, Decebal Popescu , A Variable Length Hyperredundant Arm Control System, Proceedings of the 2005 IEEE International Conference on Mechatronics and Automation, pag 1998-2003, Niagara Falls, Canada, iulie 2005. Citat de:			
49	Position control of a four link hyper redundant robotic manipulator SM Ahmmad, R Khan, MM Rahman... - Asian journal of Scientific Research, 2013 - search.proquest.com http://search.proquest.com/openview/3f6c37ecf9523f1bc41b77634a2172b5/1?pq-origsite=gscholar BDI: GoogleScholar	3	1.33

50	A new geometrical approach to solve inverse kinematics of hyper redundant robots with variable link length A Jamali, R Khan, MM Rahman - International Conference on Mechatronics (ICOM), 2011, - ieeexplore.ieee.org http://scholar.google.com/scholar?cites=13703755851314325708&as_sdt=2005&scioldt=0,5&hl=en (Referinta 9) BDI: IEEE Xplore	3	1.33
51	Inverse Kinematics of a Hyper-Redundant Robotic Manipulator SM Ahamad, M Khan, M Rahman - 2008 - irep.iium.edu.my http://scholar.google.com/scholar?cites=13703755851314325708&as_sdt=2005&scioldt=0,5&hl=en BDI: GoogleScholar	3	1.33
M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, A Distributed Force and Position Control for a Tentacle Manipulator, the 17th IFAC World Congress, Seoul, Corea, ISBN 978-1-1234-7890-2, pp. 15642-15647, 6-11 iulie 2008. (Elsevier) Citat de:			
52	Finite circular elements for modeling of continuum robots M Dehghani, SAA Moosavian - Int. Conf on Robotics and Mechatronics 2014 - http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6990948&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6990948 BDI: GoogleScholar	4	1
53	Dynamics Modeling of a Continuum Robotic Arm with a Contact Point in Planar Grasp M Dehghani, SAA Moosavian - Journal of Robotics, 2014 http://www.hindawi.com/journals/jr/2014/308283/abs/ BDI: GoogleScholar	4	1.00
M. Ivanescu, Nirvana Popescu, Decebal Popescu , M. Florescu, A Dtributed Control for a Grasping Function of a Hyperredundant Arm, Jurnal of Vibroengineering, vol. 9, nr. 4, ISSN 1392-8716, pag.9-13, octombrie/decembrie 2007. WOS:000255783300002 Citat de:			
54	Modular robotic system: a concurrent engineering approach Degeratu, E Bîzdoacă, I. Diaconu, Proceedings of the 10th WSEAS International Conference on Automatic Control, Modelling & Simulation, N.Bîzdoacă, A Petrisor, S http://dl.acm.org/citation.cfm?id=1415734 (Referinta 4) BDI: ACM	4	1.00
Mircea Ivanescu, Mihaela Florescu, Nirvana Popescu, Decebal Popescu , Position and force control of the grasping function for a hyperredundant arm, IEEE International Conference on Robotics and Automation (ICRA 2008), pp. 2599-2604, Pasadena, 2008, WOS:000258095001214 Citat de:			
55	Dynamic model for hyper-redundant robots, Manta Liviu Florin, Dumitru Sorin, Cojocar Dorian, Int. Conf on System Theory, Control and Computing, 2014 - BDI: IEEEExplore	4	1.00
56	Sensorial system for hyper-redundant arm, IC Vladu, V Stoian, I Vladu, Srtimbeanu D., Int. Conf on System Theory, Control and Computing, 2014 - BDI: IEEEExplore http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6982389&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6982389	4	1.00
M. Ivanescu, Nirvana Popescu, Decebal Popescu , Moving Target Interception for a Walking Robot by Fuzzy Observer and Fuzzy Controller, The 4th International Conference on Climbing and Walking Robots, pag. 363 - 376, Germania, Karlsruhe, septembrie 2001, BDI: INSPEC Citat de:			
57	Survey of intelligent control algorithms for humanoid robots D Katic, M Vukobratovic - Proceedings of the 16th IFAC World Congres, 2005 - scl.hanyang.ac.kr (Referinta 12), BDI: GoogleScholar	3	1.33

Vlad Ciobanu, Decebal Popescu , Florin Pop, Valentin Cristea, A Distributed Approach to Business Intelligence Systems Synchronization, 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) 2010, Pages: 581-585, DOI: 10.1109/SYNASC.2010.43, WOS:000349920700084 Citat de:		
58	A survey on recent research in business intelligence, Martin Aruldoss, Miranda Lakshmi Travis, V. Prasanna Venkatesan - Journal of Enterprise Information Management, 2014 (Referinta 6) BDI: Google Scholar	4 1.00
Vlad Ciobanu, Decebal Popescu , Adrian Petrescu, Point of Contact Location and Normal Force Estimation Using Biomimetical Tactile Sensors, International Conference on Complex, Intelligent and Software Intensive Systems, pp. 373-378, Birmingham, UK, July 2014, WOS 000352618900054 Citat de:		
59	Active calibration of tactile sensors mounted on a robotic hand B Navarro, P Kumar, A Fonte, P Fraise- IROS 2015 (Referinta 11) BDI: Google Schola	3 1.33
Decebal Popescu , Nirvana Popescu, Ciprian Dobre, 2012, E-Frameworks to Optimize Public Administration Services, chapter 12 in Strategic and Pragmatic e-Business: Implications for Future Business Practices, IGI Global, UK, ISBN 978-1-4666-1619-6, pag. 267-296. Citat de:		
60	An Approach to Transform Public Administration into SOA-based Organizations J Sedeño, CJ Torrecilla-Salina, M. J. Escalona and M. Mejias WEBIST2014-International Conference on Web Information Systems and Technologies, pp 135-142 (Referinta 2) BDI: Google Scholar	3 1.33
M. Ivanescu, D. Cojocaru, N. Bizdoaca, M. Florescu, N. Popescu, Decebal Popescu , S. Dumitru, Boundary Control by Boundary Observer for Hyper-redundant Robots, International Journal of Computers, Communications and Control, ISSN 1841-9836, E-ISSN 1841-9844, Vol. V , No. 5, pp. 751-762, 2010. WOS:000283908700017 Citat de:		
61	Modeling of Active Tether System concepts for planetary exploration, MB Quadrelli, M Ono, A Jain - Acta Astronautica, 2016 - Elsevier(Referinta 9) BDI: Google Scholar	7 0.57
Total (A3.2.1)		21.47
A3.2.2	Prezentari invitate in plenul unor manifestari stiintifice nationale si profesor invitat [5p/activitate]	Punctaj
Total (A3.2.2)		0.00
A3.3.1	Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestari stiintifice, internationale indexate ISI [10p]	Punctaj
1	Studies in Informatics and Control	20
2	The 9th International Conference on Control Systems and Computer Science, București 2013 - membru în colectivul de recenzori	20
Total (A3.3.1)		40.00
A3.3.2	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, indexate BDI [6p]	Punctaj
Total (A3.3.2)		
A3.3.3	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, nationale si internationale neindexate [3p]	Punctaj
1	Organizator conferința "Dezvoltarea interoperabilității bazelor de date destinate IMM-uri" (deschidere) București, martie 2013	3
2	Organizator conferința "Dezvoltarea interoperabilității bazelor de date destinate IMM-uri" (inchidere) București, februarie 2014	3
3	Organizator conferința "Dezvoltarea PKI bridge" (deschidere) București, martie 2014	3

4	Organizator conferinta "Dezvoltarea PKI bridge" (închidere) București, august 2014	3
	Total (A3.3.3)	12.00

A3.4.1	Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale [15p]	Punctaj
1	Imagine Cup Competition, Seoul, Korea 2007 - Mentor echipa finalista -locul 6	15
2	Imagine Cup Competition, Paris 2008 - Mentor echipa finalista -locul 4	15
	Total (A3.4.1)	30.00

A3.4.2	Premii in domeniu - premii nationale in domeniu [5p]	Punctaj
1	Premiul MEDINF98 pentru cea mai buna lucrare la Conferinta nationala pentru Informatica Medicala, 1998, Arad, Romania	5
	Total (A3.4.2)	5.00