FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Specificatie	Domeniul activitatilor	Indicator	Punctaj obtinut	Punctaj minim grila	**Procent realizat in raport cu punctajul minim pt prof. [%]**	Indicatori neindepliniti
Activitatea didactica/profesionala	A.1.1	N1	4.00	1.00	**400.00**	indicator indeplinit
		N1.1	1.00	1.00	**100.00**	indicator indeplinit
		N1.3	3.00	1.00	**300.00**	indicator indeplinit
	A.1.2	N2	6.00	4.00	**150.00**	indicator indeplinit
		N.2.1	6.00	2.00	**300.00**	indicator indeplinit
Activitatea de cercetare	A21+A2.3	P1+P2	26.21	10.00	**262.15**	indicator indeplinit
		P1	25.69	6.00	**428.16**	indicator indeplinit
	A2.2	N3	58.00	10.00	**580.00**	indicator indeplinit
		N3.1	11.00	5.00	**220.00**	indicator indeplinit
	A2.4+A2.5	N4	2.00	2.00	**100.00**	indicator indeplinit
		N43	1.00	1.00	**100.00**	indicator indeplinit
Recunoasterea impactului activitatii	A3.1	S1+S2	669.63	50.00	**1339.26**	indicator indeplinit
	A3.2	N5	34.00	10.00	**340.00**	indicator indeplinit
	A3.3	C	312.25	25.00	**1249.02**	indicator indeplinit
			1159.786449	128.00	**906.08**	0

N.1.1 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***Format tiparit/electronic (minim 100 pagini)***

Prim autor

Nr. Crt	Autorii	Nr. Autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
1	C. Vaida, D. Pisla, B. Gherman	3	Programarea şi utilizarea calculato	Mediamira	2014	978-973-713-31	1.00
							0.00
	Total						1.00

N1.2 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

coautor ***Format tiparit/electronic (minim 100 pagini)***

Nr. Crt	Autorii	Numar autori	Titlul	Editura	Anul publicarii	ISBN	punctaj
1							0.00
2							0.00
	Total						0.00

N1.3 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Format electronic disponibil pe platforma univ/fac/dep -autor

Nr. Crt	Autorii	Adesa de site	Anul postarii	nr. Autori	punctaj
1	Calin Vaida	https://cester.utcluj.	2014	1	1.00
2	Calin Vaida	https://cester.utcluj.	2014	1	1.00
3	Calin Vaida	https://cester.utcluj.	2014	1	1.00
	Total				3.00

1 Curs introductiv programarea si utilizarea calculatoarelor

2 Curs programarea calculatoarelor - Limbajul MATLAB

3 Curs Modelarea si Simularea Robotilor Paraleli

FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

N2.1 **Concurs de abilitare: Conf. dr. ing. Calin Vaida**

Nr. Crt	Denumire stand/an constructie sau modernizare	Anul constructie/ modernizare	Punctal individual
1	Sistem robotic pentru conducerea laparoscopului in interventii minim invazive	2010	1.00
2	Sistem robotic pentru tratamentul cancerului prin brahiterapie	2016	1.00
3	Sistem robotic pentru conducerea instrumentelor active in interventii minim invazive	2012	1.00
4	Sistem robotic pentru biopsia prostatei	2017	1.00
5	Sistem robotic colaborativ YUMI	2018	1.00
6	Instrumente pentru diagnosticul si tratamentul cancerului: brahiterapie (6 ace), ablatie prin radiofrecventa, biopsie	2017	1.00
			0.00
	Total		6.00

FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

N2.2 **Concurs de abilitare: Conf. dr. ing. Calin Vaida**

autor, co-autor

Nr.crt.	Autori	Nr. Autori	Titlul	Anul editarii	ISBN	Punctaj individual
						0.00
						0.00
	Total					0.00

FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

N3.1 **Concurs de abilitare: Conf. dr. ing. Calin Vaida**

prim autor sau autor corespondent

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum /Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Punctaj individual
1	Vaida, C.; Plitea, N.; Gherman, B.; Szilaghyi, A.; Galdau, B.; Cocorean, D.; Covaciu, F.; Pisla, D.	8	Structural Analysis and Synthesis of Parallel Robots for Brachytherapy	NEW TRENDS IN MEDICAL AND SERVICE ROBOT: THEORY AND INTEGRATED APPLICATIONS	16	2014	191-204	1.00
2	Vaida, C.; Pisla, D.; Plitea, N.; Gherman, B.; Gyurka, B.; Graur, F.; Vlad, L.	6	Development of a Voice Controlled Surgical Robot	NEW TRENDS IN MECHANISM SCIENCE: ANALYSIS AND DESIGN	5	2010	567-574	1.00
3	Vaida, C.; Pisla, D.; Plitea, N.; Gherman, B.; Gyurka, B.; Stancel, E.; Hesselbach, J.; Raatz, A.; Vlad, L.; Graur, F.	10	Development of a Control System for a Parallel Robot Used in Minimally Invasive Surgery	INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY	26	2009	171-176	1.00
4	Vaida, Calin; Pisla, Doina; Schadlbauer, Josef; Husty, Manfred; Plitea, Nicolae	5	Kinematic Analysis of an Innovative Medical Parallel Robot Using Study Parameters	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: HUMAN CENTERED ANALYSIS, CONTROL AND DESIGN	39	2016	85-99	1.00
5	Vaida, C.; Birlescu, I.; Plitea, N.; Crisan, N.; Pisla, D.	5	Design of a Needle Insertion Module for Robotic Assisted Transperineal Prostate Biopsy	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: DESIGN, ANALYSIS AND CONTROL	48	2018	1-15	1.00

6	Vaida, C.; Pisla, D.; Szilaghyi, A.; Covaciu, F.; Cocorean, D.; Plitea, N.	6	The Control System of a Parallel Robot for Brachytherapy	NEW TRENDS IN MECHANISM AND MACHINE SCIENCE: FROM FUNDAMENTALS TO INDUSTRIAL APPLICATIONS	24	2015	563-571	1.00
7	Vaida, C.; Gherman, B.; Dragomir, M.; Iamandi, O.; Banyai, D.	5	SMART FURNITURE - QUO VADIS	2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014)		2014	493-498	1.00
8	Vaida, Calin; Pisla, Doina; Covaciu, Florin; Gherman, Bogdan; Pisla, Adrian; Plitea, Nicolae	6	Development of a Control System for a HEXA Parallel Robot	PROCEEDING OF 2016 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR)		2016	213-218	1.00
9	Vaida, Calin; Carbone, Giuseppe; Major, Kinga; Major, Zoltan; Plitea, Nicolae; Pisla, Doina	6	ON HUMAN ROBOT INTERACTION MODALITIES IN THE UPPER LIMB REHABILITATION AFTER STROKE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	60(1)	2017	91-102	1.00

10	Vaida, Calin; Gherman, Bogdan; Pisla, Doina; Plitea, Nicolae	4	A CT-scan compatible robotic device for needle placement in medical applications	INTERDISCIPLINARY RESEARCH IN ENGINEERING: STEPS TOWARDS BREAKTHROUGH INNOVATION FOR SUSTAINABLE DEVELOPMENT	8-9	2013	574-583	1.00
11	Vaida, Calin; Plitea, Nicolae; Lese, Dorin; Pisla, Doina	4	A Parallel Reconfigurable Robot with Six Degrees of Freedom	MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS	162	2012	204-213	1.00
								0.00
								0.00
								0.00
	Total							11.00

N3.2 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Nr. crt.	Nume autori	Numar autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum /Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Punctaj individual
1	Pisla, D.; Plitea, N.; Gherman, B. G.; Vaida, C.; Pisla, A.; Suciu, M.	6	Kinematics and Design of a 5-DOF Parallel Robot Used in Minimally Invasive Surgery	ADVANCES IN ROBOT KINEMATICS: MOTION IN MAN AND MACHINE COMPUTATIONAL		2010	99-106	1.00
2	Pisla, D.; Plitea, N.; Gherman, B.; Pisla, A.; Vaida, C.	5	Kinematical Analysis and Design of a New Surgical Parallel Robot	KINEMATICS, PROCEEDINGS		2009	273-282	1.00
3	Pisla, Doina; Plitea, Nicolae; Vaida, Calin	3	Kinematic Modeling and Workspace Generation for a New Parallel Robot Used in Minimally Invasive Surgery	ADVANCES IN ROBOT KINEMATICS: ANALYSIS AND DESIGN		2008	459-468	1.00
4	Pisla, Doina; Gherman, Bogdan; Girbacia, Florin; Vaida, Calin; Butnariu, Silviu; Girbacia, Teodora; Plitea, Nicolae	7	Optimal Planning of Needle Insertion for Robotic-Assisted Prostate Biopsy	ADVANCES IN ROBOT DESIGN AND INTELLIGENT CONTROL	371	2016	339-346	1.00
5	Cristea, Cecilia; Graur, Florin; Galatus, Ramona; Vaida, Calin; Pisla, Doina; Sandulescu, Robert	6	NANOBIOMATERIALS FOR CANCER DIAGNOSIS AND THERAPY	NANOBIOMATERIALS: APPLICATIONS IN DRUG DELIVERY		2018	329-375	1.00
6	Schadlbauer, Josef; Vaida, Calin; Tucan, Paul; Pisla, Doina; Husty, Manfred; Plitea, Nicolae	6	A Complete Analysis of Singularities of a Parallel Medical Robot	ADVANCES IN ROBOT KINEMATICS 2016	4	2018	81-89	1.00

7	Birlescu, Iosif; Tucan, Paul; Gherman, Bogdan; Vaida, Calin; Crisan, Nicolae; Radu, Corina; Plitea, Nicolae; Pisla, Doina	8	Kinematic Analysis for a Prostate Biopsy Parallel Robot Using Study Parameters	COMPUTATIONAL KINEMATICS	50	2018	135-142	1.00
8	Plitea, N.; Pisla, D.; Vaida, C.; Gherman, B.; Pisla, A.	5	Dynamic Modeling of a Parallel Robot Used in Minimally Invasive Surgery	PROCEEDINGS OF EUCOMES 08, THE SECOND EUROPEAN CONFERENCE ON MECHANISM SCIENCE		2009	595-602	1.00
9	Pisla, D.; Plitea, N.; Galdau, B.; Vaida, C.; Gherman, B.	5	Innovative Approaches Regarding Robots for Brachytherapy	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: CHALLENGES AND SOLUTIONS	20	2014	63-77	1.00
10	Lese, Dorin-Bogdan; Pisla, Doina; Vaida, Calin; Scurtu, Iacob; Plitea, Nicolae	5	INVERSE AND DIRECT GEOMETRICAL MODEL OF A NEW RECONFIGURABLE PARALLEL ROBOT	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT		2011	307-312	1.00
11	Galdau, B.; Pisla, D.; Kacso, G.; Cocorean, D.; Vaida, C.; Gherman, B.; Plitea, N.	7	NEW DESIGN OF BR-1: AN INNOVATIVE PARALLEL ROBOT FOR BRACHYTHERAPY	2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014)		2014	206-211	1.00

12	Pisla, A.; Vaida, C.	2	Testing Capacity for Space Technology Suppliers	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: CHALLENGES AND SOLUTIONS	20	2014	369-384	1.00
13	Dadarlat, Rares; Pisla, Doina; Vaida, Calin; Konya, Bogdan; Plitea, Nicolae	5	THE DIRECT AND INVERSE GEOMETRICAL MODELS FOR A PARALLEL RECONFIGURABLE ROBOT WITH SIX DEGREES OF FREEDOM AND TWO GUIDING KINEMATIC CHAINS OF THE PLATFORM	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT		2011	257-262	1.00
14	Sabou, Carmen; Vaida, Calin; Glogoveanu, Maria; Plitea, Nicolae	4	INVERSE AND DIRECT GEOMETRIC MODEL OF A NEW PARALLEL ROBOT WITH SIX DEGREES OF FREEDOM AND THREE GUIDING KINEMATIC CHAINS OF THE PLATFORM	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT		2011	357-362	1.00
15	Scurtu, Liviu-Iacob; Pisla, Doina; Vaida, Calin; Lese, Dorin; Plitea, Nicolae	5	INVERSE AND DIRECT GEOMETRICAL MODEL OF A NEW SURGICAL ROBOT WITH FIVE DEGREES OF FREDOM	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT		2011	363-368	1.00
16	Graur, F.; Radu, E.; Al Hajjar, N.; Vaida, C.; Pisla, D.	5	Surgical Robotics-Past, Present and Future	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: DESIGN, ANALYSIS AND CONTROL	48	2018	159-171	1.00
17	Pisla, A.; Vaida, C.; Covaciu, F.	3	Test Bench for Space Remote Docking System	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: DESIGN, ANALYSIS AND CONTROL	48	2018	243-259	1.00

18	Carbone, Giuseppe; Gherman, Bogdan; Ulinici, Ionut; Vaida, Calin; Pisla, Doina	5	Design Issues for an Inherently Safe Robotic Rehabilitation Device	ADVANCES IN SERVICE AND INDUSTRIAL ROBOTICS	49	2018	1025-1032	1.00
19	Pisla, D.; Birlescu, I.; Vaida, C.; Tucan, P.; Gherman, B.; Popescu, D.; Plitea, N.	7	TOWARDS A FAIL-SAFE PROSTATE BIOPSY PARALLEL ROBOT USING ALGEBRAIC GEOMETRY	24TH INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH (ICPR)		2017	422-427	1.00
20	Tucan, P.; Vaida, C.; Gherman, B.; Craciun, F.; Plitea, N.; Birlescu, I.; Jucan, D.; Pisla, D.	8	Control System of a Medical Parallel Robot for Transperineal Prostate Biopsy	2017 21ST INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC)		2017	206-211	1.00
21	Nadas, I.; Vaida, C.; Gherman, B.; Pisla, D.; Carbone, G.	5	Considerations for Designing Robotic Upper Limb Rehabilitation Devices	11TH INTERNATIONAL CONFERENCE OF PROCESSES IN ISOTOPES AND MOLECULES (PIM 2017)	1917	2017	3005	1.00
22	Pisla, Doina; Ani, Darius; Vaida, Calin; Gherman, Bogdan; Tucan, Paul; Plitea, Nicolae	6	BIO-PROS-2: an innovative parallel robotic structure for transperineal prostate biopsy	PROCEEDING OF 2016 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR)		2016	157-162	1.00

23	Pisla, D.; Huta, M.; Vaida, C.; Batin, G.; Popa, C.; Graur, F.; Birlescu, I.; Feniser, C.; Plitea, N.	9	DEVELOPMENT OF AN INNOVATIVE NEEDLE INSERTION MODULE USED IN TRANSPERINEAL ROBOTIC-ASSISTED BIOPSY	2016 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST (ICPR-AEM 2016) AND 4TH INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (QIEM 2016)	2016	149-156	1.00
24	Timoftei, Sanda; Brad, Emilia; Feniser, Cristina; Vaida, Calin; Filip, Daniel	5	INTEGRATION OF INDUSTRIAL ROBOTS IN FINE ARTS APPLICATIONS: ALOGORITHMS AND A CASE STUDY WITH ABB ROBOT TECHNOLOGY	2016 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST (ICPR-AEM 2016) AND 4TH INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (QIEM 2016)	2016	466-471	1.00

25	Gherman, B.; Girbacia, T.; Cocorean, D.; Vaida, C.; Butnariu, S.; Plitea, N.; Talaba, D.; Pisla, D.	8	Virtual Planning of Needle Guidance for a Parallel Robot Used in Brachytherapy	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: ASSISTIVE, SURGICAL AND EDUCATIONAL ROBOTICS	38	2016	109-120	1.00
26	Pisla, A.; Cocorean, D.; Vaida, C.; Pisla, D.	4	Development of a Virtual Testing Platform Within an Instructor Operation Station	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: ASSISTIVE, SURGICAL AND EDUCATIONAL ROBOTICS	38	2016	239-252	1.00
27	Pisla, A.; Vaida, C. L.; Pisla, D. L.	3	A SYSTEMATIC OVERVIEW OF THE IOS - INSTRUCTOR OPERATION STATION DESIGNED FOR SPACE APPLICATIONS	2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014)		2014	388-393	1.00
28	Galdau, B.; Plitea, N.; Vaida, C.; Covaciu, F.; Pisla, D.	5	Design and control system of a parallel robot for brachytherapy	2014 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS		2014		1.00

29	Iamandi, Oana; Gherman, Bogdan; Vaida, Calin; Dragomir, Mihai; Popister, Florin	5	PLM concepts and competitive design for high-end office furniture	MANAGEMENT BETWEEN PROFIT AND SOCIAL RESPONSIBILITY	2014	246-25	1.00
30	Pisla, Doina; Cocorean, Dragos; Vaida, Calin; Gherman, Bogdan; Pisla, Adrian; Plitea, Nicolae	6	APPLICATION ORIENTED DESIGN AND SIMULATION OF AN INNOVATIVE PARALLEL ROBOT FOR BRACHYTHERAPY	PROCEEDINGS OF THE ASME INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCES AND COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE, 2014, VOL 5B	2014		1.00
31	Gyurka, B.; Pisla, D.; Stancel, E.; Vaida, C.; Kovacs, I.; Gherman, B.; Balogh, Sz.; Plitea, N.	7	Integrated Control Techniques for PARASURG 9M Parallel Robot	2012 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, THETA 18TH EDITION	2012	461-466	1.00
32	Glogoveanu, Maria; Vaida, Calin; Sabou, Carmen; Plitea, Nicolae	4	DEVELOPMENT OF A NEW PARALLEL ROBOT WITH FOUR DEGREES OF FREEDOM AND TWO GUIDING KINEMATIC CHAINS OF THE END-EFFECTOR	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT	2011	285-288	1.00
33	Konya, Bogdan; Vaida, Calin; Dadarlat, Rares; Plitea, Nicolae	4	A NEW RECONFIGURABLE PARALLEL ROBOT WITH SIX DEGREES OF FREEDOM	QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT	2011	297-302	1.00

34	Graur, F.; Scurtu, L.; Furcea, L.; Plitea, N.; Vaida, C.; Detesan, O.; Szilaghy, A.; Neagos, H.; Muresan, A.; Vlad, L.	10	Training Platform for Robotic Assisted Liver Surgery - The Surgeon's Point of View	NEW TRENDS IN MECHANISM SCIENCE: ANALYSIS AND DESIGN	5	2010	485-492	1.00
35	Pisla, D.; Gherman, B. G.; Suciu, M.; Vaida, C.; Lese, D.; Sabou, C.; Plitea, N.	7	On the Dynamics of a 5 DOF Parallel Hybrid Robot Used in Minimally Invasive Surgery	NEW TRENDS IN MECHANISM SCIENCE: ANALYSIS AND DESIGN	5	2010	691-699	1.00
36	Gherman, B.; Vaida, C.; Pisla, D.; Plitea, N.; Gyurka, B.; Lese, D.; Glogoveanu, M.	7	Singularities and Workspace Analysis for a Parallel Robot for Minimally Invasive Surgery	PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3		2010		1.00
37	Gyurka, B.; Pisla, D.; Stancel, E.; Vaida, C.; Gherman, B.; Lese, D.; Suciu, M.; Plitea, N.	8	The Control of the PARAMIS Parallel Robot using a Haptic Device	PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS (AQTR 2010), VOLS. 1-3		2010		1.00
38	Plitea, N.; Pisla, D.; Vidrean, A.; Vaida, C.; Gyurka, B.	5	Workspace and Singularity Analysis for a Reconfigurable Parallel Robot	SYROM 2009: PROCEEDINGS OF THE 10TH IFTOMM INTERNATIONAL SYMPOSIUM ON SCIENCE OF MECHANISMS AND MACHINES, 2009		2010	563+	1.00

39	Pisla, Doina; Vaida, Calin; Plitea, Nicolae; Hesselbach, Juergen; Raatz, Annika; Simnofske, Marc; Burisch, Arne; Vlad, Liviu	8	Modeling and simulation of a new parallel robot used in minimally invasive surgery	ICINCO 2008: PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON INFORMATICS IN CONTROL, AUTOMATION AND ROBOTICS, VOL RA-2: ROBOTICS AND AUTOMATION, VOL 2	2008	194+	1.00
40	Potolea, A. D.; Vaida, L.; Vaida, C.	3	Automated adaptive adjustment of the distribution ports for axial piston pumps	2006 IEEE-TTTC INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS, VOL 1, PROCEEDINGS	2006	288+	1.00
41	Opruta, Dan; Plesa, Angela; Vaida, Calin; Teberean, Ioan	4	SOME ASPECTS REGARDING ACOUSTIC EMISSION IN HYDRAULIC MACHINERY DIAGNOSIS	EXPERIMENTAL FLUID MECHANICS 2006, PROCEEDINGS	2006	152-156	1.00
42	Vaida, Liviu; Nascutiu, Lucian; Potolea, Dragos; Vaida, Calin; Opruta, Dan	6	TECHNIQUES FOR THE REDUCTION OF NOISE AND VIBRATIONS FOR AXIAL PISTON PUMPS	EXPERIMENTAL FLUID MECHANICS 2006, PROCEEDINGS	2006	198-203	1.00
43	Vaida, Liviu; Nascutiu, Lucian; Vaida, Calin; Marcu, Cosmin	4	THE INCREASE OF THE FUNCTIONAL PERFORMANCES OF PERCUSSIVE ROCK-DRILLS BY VARYING ITS FREQUENCY	EXPERIMENTAL FLUID MECHANICS 2006, PROCEEDINGS	2006	204-209	1.00

44	Cocorean, Dragos; Vaida, Calin; Plitea, Nicolae; Pisla, Doina	4	MODULAR DESIGN OF A PARALLEL ROBOTIC STRUCTURE FOR BRACHYTHERAPY	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	58(2)	2015	245-250	1.00
45	Tucan, Paul; Vaida, Calin; Butnariu, Silviu; Pisla, Doina	4	PRIORITIZATION OF TECHNICAL CHARACTERISTICS OF A SPINE POSTURE MONITORING DEVICE	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	59(4)	2016	419-424	1.00
46	Pisla, Doina; Galdau, Bogdan; Covaciu, Florin; Vaida, Calin; Popescu, Daniela; Plitea, Nicolae	6	Safety issues in the development of the experimental model for an innovative medical parallel robot used in brachytherapy	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	55(3)	2017	684-699	1.00
47	Birlescu, Iosif; Craciun, Florin; Vaida, Calin; Gherman, Bogdan; Pisla, Doina	5	AN INNOVATIVE AUTOMATED INSTRUMENT FOR ROBOTICALLY ASSISTED BRACHYTHERAPY USED IN CANCER TREATMENT	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	60(4)	2017	633-638	1.00
								0.00
	Total							47.00

FISA STAN **Articole și publicații științifice indexate Web of Science - Thomson Reuters *, ****

Concurs d ***Autor corespondent/Prim autor*** ***maxim 3 autori***

Nr. crt.	Autor corespondent=2; Prim autor=1	Nume autori	Titlul lucrarii	Denumire Jurnal /ISSN	Volum /Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Punctaj individual pt n max 3
1								0	0.00
2									0.00
		Total							0.00

FISA STA P1.2 **Articole și publicații științifice indexate Web of Science - Thomson Reuters *, ****

Concurs de abilitare: Conf. (***Autor corespondent/Prim autor*** ***mai mult de 4 autori inclusiv***

Nr. crt.	Autor corespondent=2; Prim autor=1	Numar autori	Nume autori	Titlul lucrarii	Denumire Jurnal/ ISSN	Volum/Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Punctaj individual
1	1	4	Vaida, C.; Plitea, N.; Pisla, D.; Gherman, B.	Orientation module for surgical instruments-a systematical approach	MECCANICA	48(1)	2013	145-158	1.815	3.02
2	1	4	Vaida, Calin; Plitea, Nicolae; Cocorean, Dragos; Pisla, Doina	MODELING OF NEW SPATIAL PARALLEL STRUCTURES WITH CONSTANT PLATFORM ORIENTATION USING PLANAR PARALLEL MODULES	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	15(1)	2014	43-51	1.115	1.97

3	2	5	Pisla, Doina; Gherman, Bogdan; Vaida, Calin; Suciu, Marius; Plitea, Nicolae	An active hybrid parallel robot for minimally invasive surgery	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	29(4)	2013	203-221	1.839	2.45
4	2	4	Pisla, Doina; Szilaghyi, Andras; Vaida, Calin; Plitea, Nicolae	Kinematics and workspace modeling of a new hybrid robot used in minimally invasive surgery	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	29(2)	2013	463-474	1.839	3.06
5	2	11	Pisla, D.; Gherman, B.; Plitea, N.; Gyurka, B.; Vaida, C.; Vlad, L.; Graur, F.; Radu, C.; Suciu, M.; Szilaghi, A.; Stoica, A.	PARASURG hybrid parallel robot for minimally invasive surgery	CHIRURGIA	106(5)	2011	619-625	0.777	0.53
6	2	10	Pisla, D.; Plitea, N.; Vaida, C.; Hesselbach, J.; Raatz, A.; Vlad, L.; Graur, F.; Gyurka, B.; Gherman, B.; Suciu, M.	PARAMIS parallel robot for laparoscopic surgery	CHIRURGIA	105(5)	2010	677-683	0.777	0.59
7	2	6	Pisla, D., Galdau, B., Covaciu, F., Vaida, C., Popescu, D., Plitea, N	Safety issues in the development of the experimental model for an innovative medical parallel robot used in brachytherapy	International Journal of Production Research	55(3)	2017	684-699	2.623	2.82

						17(1)	2016	67-75		
8	2	5	Plitea, Nicolae; Szilaghyi, Andras; Cocorean, Dragos; Vaida, Calin; Pisla, Doina	INVERSE DYNAMICS AND SIMULATION OF A 5-DOF MODULAR PARALLEL ROBOT USED IN BRACHYTHERAPY	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE				1.115	1.58
9	2	7	2. Pisla, D., Tucan, P., Gherman, B., Crisan, N., Andras, I., Vaida, C.(c.a.), and Plitea, N.	Development of a parallel robotic system for transperineal biopsy of the prostate	Mechanical Sciences	8	2017	195-213	1.352	1.33
										0.00
			Total							17.35

P1.3 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Cal ***maxim 3 autori***

Nr.crt	Nume autori	Titlul lucrarii	Denumire Jurnal/ ISSN	Volum/Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Numar autori	Punctaj individual
1							0		0.00
2									0.00
3									0.00
									0.00
	Total								0.00

FISA STANDARDE MINIMALE PRC **Articole și publicații științifice indexate Web of Science - Thomson Reuters**

Concurs de abilitare: Conf. dr. ing ***co-autor*** ***mai mult de 3 autori***

Nr. crt	Nume autori	Titlul lucrarii	Denumire Jurnal/ISSN	Volum/Numar	Anul publicarii	nr. pagini (de la .. pana la:)	Factor de impact in anul publicarii	Numar autori	Punctaj individual
1	Plitea, Nicolae; Lese, Dorin; Pisla, Doina; Vaida, Calin	Structural design and kinematics of a new parallel reconfigurable robot	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	29(1)	2013	219-235	1.839	4	1.53
2	Gherman, Bogdan; Pisla, Doina; Vaida, Calin; Plitea, Nicolae	Development of inverse dynamic model for a surgical hybrid parallel robot with equivalent lumped masses	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	28(3)	2012	402-415	1.839	4	1.53
3	Pisla, Doina; Gherman, Bogdan; Vaida, Calin; Plitea, Nicolae	Kinematic modelling of a 5-DOF hybrid parallel robot for laparoscopic surgery	ROBOTICA	30(7)	2012	1095-1107	0.894	4	0.82
4	Plitea, N.; Hesselbach, J.; Pisla, D.; Raatz, A.; Gherman, B.; Vaida, C.	Dynamic analysis and design of a surgical parallel robot used in laparoscopy	JOURNAL OF VIBROENGINEERING	11(2)	2009	215-225	0.66	6	0.43

	Plitea, Nicolae; Pisla, Doina; Vaida, Calin; Gherman, Bogdan; Szilaghyi, Andras; Galdau, Bogdan; Cocorean, Dragos; Covaciu, Florin	ON THE KINEMATICS OF A NEW PARALLEL ROBOT FOR BRACHYTHERAPY	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	15(4)	2014	354-361	1.115		
5								8	0.49
	Furcea, L.; Graur, F.; Scurtu, L.; Plitea, N.; Pisla, D.; Vaida, C.; Detesan, O.; Szilaghy, A.; Neagos, H.; Muresan, A.; Vlad, L.	The advantages of implementing an e-learning platform for laparoscopic liver surgery	CHIRURGIA	106(6)	2011	799-806	0.777		
6								11	0.27
	Gherman, Bogdan; Pisla, Doina; Vaida, Calin; Plitea, Nicolae	ON WORKSPACE AND ACCURACY EVALUATION OF A PARALLEL ROBOT FOR NEEDLE PLACEMENT PROCEDURES	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	17(4)	2016	344-351	1.623		
7								4	1.37
	Pisla, Doina; Birlescu, Iosif; Vaida, Calin; Tucan, Paul; Pisla, Adrian; Gherman, Bogdan; Crisan, Nicolae; Plitea, Nicolae	ALGEBRAIC MODELING OF KINEMATICS AND SINGULARITIES FOR A PROSTATE BIOPSY PARALLEL ROBOT	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	19(3)	2018	489-497	1.752		
9								8	0.73
	Plitea, Nicolae; Gherman, Bogdan; Cocorean, Dragos; Vaida, Calin; Pisla, Doina	INVERSE DYNAMIC MODELLING OF A PARALLEL ROBOTIC SYSTEM FOR BRACHYTHERAPY	PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE	18(1)	2017	55-63	1.752		
11								5	1.17
									0.00
	Total								8.34

P2.1<4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***maxim 3 autori***

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
					0.00
					0.00
	Total				0.00

P2.1>4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***minim 4 autori***

Nr.crt	Autori	Titlul brevetului/numar	Anul obtinerii brevetului	Numar autori	Punctaj individual
					0.00
					0.00
					0.00
	Total				0.00

P2.2<4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
					0.00
	Total				0.00

P2.2>4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***minim 4 autori inclusiv***

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
1					0.00
					0.00
					0.00
	Total				0.00

P2.2.1<4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***maxim 3 autori***

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
					0.00
	Total				0.00

P2.2.1>4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida ***minim 4 autori inclusiv***

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
					0.00
	Total				0.00

FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

Concurs de abilitare: Conf. dr. ing. **Brevete indexate OSIM; co-autor;**

maxim 3 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
					0.00
					0.00
					0.00
	Total				**0.00**

FISA STANDARDE MINIMALE PROF Brevete indexate OSIM; co-autor;
Concurs de abilitare: Conf. dr. ing. Calin Vaida minim 4 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei	Numar autori	Punctaj individual
1	Plitea, N., Pîslă, D., Vaida, C., Gherman, B.	Surgical Robot. RO-126271, Romania	2012	4	0.53
					0.00
					0.00
					0.00
					0.00
					0.00
		Total			0.53

N4.1-2

FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Nr.crt	Denumire produs	anul validarii/mod validare (procedura)	Numar contributori	Calitatea:1 - coordonator; 2 membru in echipa	Punctaj individual
1					0.00
					0.00
					0.00
	Total				0.00

N4.3 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

prim autor

Nr.crt	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	C. Vaida, D. Pisla, B. Gherman	Programarea şi utilizarea calculatoarelor, Vol. III, Programare în MATLAB cu aplicaţii în inginerie, Seria Utilizarea si porgramarea calculatoarelor, Coordonator: Prof. Dr. Ing. D. Pisla, Editura Mediamira, Cluj-Napoca, 2014, ISBN – 978-973-713-312-0, pp. 388	Mediamira	2014	978-973	388	1.00
							0.00
							0.00
							0.00
	Total						1.00

N4.4 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

co - autor

Nr.crt	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
1	B. Gherman, C. Vaida, D. Pisla	Programarea si utilizarea calculatoarelor, Vol. II Programare in limbajul C cu aplicatii in inginerie, Seria Utilizarea si porgramarea calculatoarelor, Coordonator: Prof. Dr. Ing. D. Pisla, Editura Mediamira, Cluj-Napoca, 2013, ISBN – 978-973-713-305-2, pp. 308	Mediamira	2013	978-973	308	1.00
							0.00
							0.00
Total							1.00

N5 **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Nr. Crt.	Tipul activitatii: conferinta/congres=1; workshop international=2; profesor invitat=3	Denumire Congress, workshop/Institutia unde a fost invitat	Anul /perioada (pt. prof. invitat)	Titlul lucrarii sustinute in calitate de autor sau co-autor/ Prelegeri expuse pt profesor invitat	link email/alte modalitati de justificare a activitatii	Punctaj realizat
1	1	6th International Congress on Industrial and Applied Mathematics	2007	On-pump modular system for automated adjustment and control for axial piston pumps (1), Graphical simulation of a new concept of low sized surgical parallel robot for camera guidance in minimally invasive surgery (2)	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
2	1	5th International Conference on Informatics in Control, Automation and Robotics	MAY 11-15, 2008, Madeira	Modeling and Simulation of a New Parallel Robot used in Minimally Invasive Surgery	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
4	3	Workshop international de Chirurgie Endoscopica a Ficatului, 2008	2008, Cluj-Napoca	Surgical robots - Past, Present and Future	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

5	1	INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY	SEP 23-26, 2009, Cluj-Napoca	Development of a control system for a parallel robot used in minimally invasive surgery	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
6	1	SYROM 2009: PROCEEDINGS OF THE 10TH IFTOMM INTERNATIONAL SYMPOSIUM ON SCIENCE OF MECHANISMS AND MACHINES, 2009	OCT 12-15, 2009, Brasov	Workspace and singularity analysis for a reconfigurable parallel robot	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
7	1	17th International Congress of the European Association for Endoscopic Surgery (EAES)	17--20 June 2009, Praga	VOICE-CONTROLLED PARALLEL ROBOT FOR MINIMALLY INVASIVE SURGERY	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
8	2	18th International Workshop on Robotics in Alpe-Adria-Danube Region (RAAD 2009)	May 25-27, 2009, Brasov	Design and Operation Issues for Parallel Robotic Devices	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
9	1	3rd European Conference on Mechanisms Science (EUCOMES 2010 Conference)	SEP 14-18, 2010, Cluj-Napoca	Development of a Voice Controlled Surgical Robot	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

10	1	IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	MAY 28-30, 2010, Cluj-Napoca	Singularities and Workspace Analysis for a Parallel Robot for Minimally Invasive Surgery	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
11	2	International Workshop „ROBOMED 2010“ in the Frame of Alexander von Humboldt Foundation Project Fokoop -- DEU/1010959	14 Sep 2010, Cluj-Napoca	DEVELOPMENT OF NEW PARALLEL ROBOT FOR MINIMALLY INVASIVE SURGERY	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
12	1	Seminar “Technological Development in a Sustainable Economy"	aprilie 2011, Iasi	DESIGN AND ANALYSIS OF AN ORIENTATION MODULE FOR INSTRUMENTS USED IN MINIMALLY INVASIVE PROCEDURES	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
13	1	Conference on	MAY 24-27, 2012, Cluj-Napoca	Parallel Robot	/citations?hl=en&user=k	1.00
14	2	SILKROAD REDIVIVUS -	Dec. 2011	Siemens solutions for digital manufacturing	/citations?hl=en&user=k	1.00
15	1	The Joint International Conference of the XI International Conference on Mechanisms and Mechanical Transmissions (MTM) and the International Conference on Robotics (Robotics’12	2012, June 6-8, Clermont-Ferrand, France	A Parallel Reconfigurable Robot with Six Degrees of Freedom	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

16	1	The 2nd IFToMM Asian Conference on Mechanism and Machine Science	November 7-10, 2012, Tokyo, Japan	A Spherical Robotic Arm for Instruments Positioning in Minimally Invasive Medical Applications	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
17	2	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS INTERNATIONAL EXPLORATORY WORKSHOP (Mesrob)	30th June – 1st July 2012, Cluj-Napoca	INNOVATIVE APPROACHES IN MEDICAL ROBOTICS. ADAPTING TECHNOLOGY TO SURGERY	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
18	2	2nd Workshop on New Trends in Medical and Service Robotics (MeSRoB)	JUL, 2013, Serbia	Testing Capacity for Space Technology Suppliers	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
19	1	Simpozion	România	An innovative family of modular parallel robots for	/citations?hl=en&user=k	1.00
20	1	2014 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2014, - THETA 19th edition -	May 22-24 2014, Cluj-Napoca	Design and control system of a parallel robot for brachytherapy	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

21	1	International Conference on Production Research - Regional Conference Africa, Europe and the Middle East (ICPR-AEM) / 3rd International Conference on Quality and Innovation in Engineering and Management (QIEM)	JUL 01-05, 2014, Cluj-Napoca	SMART Furniture - QUO VADIS	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
22	1	Robot Kinematics	Slovenia	On the Kinematics of an Innovative Parallel	/citations?hl=en&user=k	1.00
23	2	4th International Workshop on Medical and Service Robots (MESROB)	JUL 08-10, 2015, Nantes, France	Kinematic Analysis of an Innovative Medical Parallel Robot Using Study Parameters	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
24	1	IFToMM 2015, 14th IFToMM World Congress	25 - 30 October 2015 / Taipei, Taiwan	An innovative parallel robotic structure designed for transperineal prostate biopsy	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
25	1	IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	MAY 19-21, 2016, Cluj-Napoca, Romania	Development of a Control System for a HEXA Parallel Robot	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
26	2	5th International Workshop on Medical and Service Robots (MESROB)	JUL 04-06, 2016, Graz/Austria	Design of a Needle Insertion Module for Robotic Assisted Transperineal Prostate Biopsy	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

27	2	Workshop-ul International „Aplicatii actuale si viitoare ale BCI non-invazive si invazive"	22 mai 2017, Cluj-Napoca	Innovative Approaches Regarding Rehabilitation and Assistive Robotics for Healthy Ageing	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
28	1	The 12th IFToMM International Symposium on Science of Mechanisms and Machines - SYROM'2017	November 02 - 03, 2017, Iasi, Romania	Preliminary design for a spherical parallel robot for shoulder rehabilitation	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
29	1	6th International Symposium on Multibody Systems and Mechatronics – MuSMe	OCTOBER 24-28, 2017 – FLORIANÓPOLIS – BRAZIL	On the Kinematics of an Innovative Spherical Parallel Robot for the Shoulder Rehabilitation	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
30	1	International Conference on Automation, Quality and Testing, Robotics (AQTR2018)	24-26 MAI 2018, Cluj-Napoca	VR INTERFACE FOR COOPERATIVE ROBOTS APPLIED IN DYNAMIC ENVIRONMENTS	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
31	1	ARK 2018, the 16th International Symposium on Advances in Robot Kinematics	1-5 July, Bologna, Italia	On the singularities of a parallel robotic system used in elbow and wrist rehabilitation	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00

32	1	ASME 2018 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 2018)	August 26-29, 2018 in Quebec City, Canada	MODELLING AND SIMULATION OF A ROBOTIC SYSTEM FOR LOWER LIMB REHABILITATION	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
33	3	INNOVATIVE IDEAS IN SCIENCE 2018	November 8, 2018 – November 9, 2018, Baia Mare	Innovative Approaches in Medical Robotics - History, current trends and future challenges-	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
34	1	IAK 2018 - Third Conference on Interdisciplinary Applications in Kinematics	March 5-7, 2018, Lima, Peru	Singularity analysis of a spherical robot used in upper limb rehabilitation	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
35	1	MEDITECH 2019 - Cluj-Napoca	17-20 Oct. 2018	Robotics in minimally invasive procedures: History, current trends and future challenges	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
						0.00
Total						34.00

FISA STANDAR S **Atragere resurse financiare prin granturi/proiecte/contracte terți**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Nr.crt	Calitatea: director = 1, membru in echipa = 2	Tip proiect *	Titlul proiectului	Perioada de derulare		Valoare totala UTCN** [ech. Euro]	Valoarea alocata membrului in echipa de catre directorul de	Punctaj individual
1	1	International ESA	Manipulation Systems for Sample Handling in a Sample Receiving Facility", TASUK /16/11305/NBO/1424, ESA-European Space Agency	2018-2019		87389		87.39
2	1	TE	Sistem multifuncţional pentru inserţia acelor în diagnosticul şi tratamentul cancerului, acronim ACCURATE, cod: PN-II-RU-TE- 2014-4-0992 nr. contract 59/2015	2015-2016		88167		88.17
3	1	PCCA	Sistem de Diagnosticare şi Terapie a Afecţiunilor Coloanei Vertebrale (SPINE)	2014-2016		36018		36.02
4	1	CNCSIS	Simulation and control techniques for robots used in minimally invasive surgery - SIMCOSURG	2012-2013		6173		6.17
5	1	IDEI	New Trends in Medical and Service Robots, Program IDEI, Workshop Exploratoriu		2012	6732		6.73
6	1	TD	Contribuţii la Cinematica şi Dinamica Roboţilor Paraleli cu Aplicaţii în Chirurgia Minim Invazivă CNCSIS TD (Tineri Doctoranzi)	2007-2008		7781		7.78
7	1	CNCSIS	Contributions to the kinematics and dynamics or parallel robots for surgery CNCSIS BD – 97	2006-2008		12660		12.66
8	1	PCCDI	Abordare inovativa de mare precizie privind tratamentul intraoperator asistat robotic al tumorilor hepatice pe baza diagnosticului integrat imagistic-molecular	2018-2020		98210		98.21

9	2	International Humb	Mathematische Modellierung und Experimentelle Untersuchung eines modular aufgebauten Parallelroboters in der minimal invasiven Chirurgie	2007-2011	50000	16666	16.67
10	2	PCCDI	Brahiterapia asistata robotic, o abordare inovativa in terapia cancerelor inoperabile	2012-2017	340425	51063	51.06
11	2	International - SRF	Creative Alliance in Research and Education focused on Medical and Service Robotics Proiect International	2012-2014	60810	6081	6.08
12	2	PCCDI	Dezvoltarea multidisciplinara de roboti chirurgicali bazati pe structuri paralele inovative – UEFISCDI, PARMIS	2007-2010	276595	55319	55.32
13	2	POC	Dezvoltarea inovativă a unor sisteme robotice pentru reabilitare şi asistare în îmbătrânirea sănătoasă	2016-2020	864345	172869	172.87
14	2	International ESA	ASUK /16/11305/NBO/1424, ESA-European Space Agency	2017-2018	42000	15000	15.00
15	2	ROSA	Instructor Operation Station designed for space	2014-2015	95000	9500	9.50
							0.00
			Total				669.63

* Se va specifica fie tipul competitiei, fie terti in cazul contractelor cu mediul economic

** Se va introduce valoarea fara TVA

*** Pentru contracte derulate inainte de 01.01.1999 se va considera echivalarea: 1 Euro=1 USD

La proiectele ca si membru au fost trecute doar cele mai recente.

C **FISA STANDARDE MINIMALE PROFESOR - DOMENIUL:INGINERIE MECANICA**

Concurs de abilitare: Conf. dr. ing. Calin Vaida

Nu se considera autocitare articolul in care apar autori din articolul citat, dar lipseste declarantul (persoana care completeaza Fisa de evaluare)

Nr. Crt.	Date de identificare complete ale articolul citat (se exclud autocitarile)***	Date de identificare complete ale articolelor care citeaza	Anul in care a fost citata lucrarea	Linkul articolului care citeaza	Factorul de impact al publicației WOS în care apare citarea	Punctaj individual
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