

Comisia de analiză a dosarelor de concurs a Facultății Construcții de Mașini

Decizie Rector nr. 352 / 07.07.2020

PROCES VERBAL

Încheiat astăzi, 27.07.2020, în cadrul ședinței desfășurate în mediul virtual pe platforma MS TEAMS cu membrii Comisiei de analiză a dosarelor de concurs a Facultății Construcții de Mașini. Comisia de analiza a dosarelor candidaților înscriși la concursurile didactice pentru ocuparea posturilor scoase la concurs de UTCN în cadrul Facultății de Construcții de Mașini a fost numită prin decizia de rector nr. 352 din 07.07.2020 și are în componență:

1. Acad.Prof.Dr.Ing. Dorel BANABIC - președinte
2. Prof.Dr.Ing. Sorin POPESCU - membru
3. Prof.Dr.Ing. Corina BÎRLEANU - membru

Comisia are rolul conform cerințelor din *Metodologia de concurs pentru ocuparea posturilor didactice și de cercetare vacante din Universitatea Tehnică din Cluj-Napoca* art. 19 lit. a) de a verifica îndeplinirea standardelor minime prevăzute la art. 219 alin (1) lit. a) din Legea nr 1/2011, cu modificările și completările ulterioare, standarde minime necesare și obligatorii pentru conferirea titlurilor didactice și de cercetare.

Facultatea de Construcții de Mașini a scos la concurs următoarele posturi didactice publicate în **Monitorul Oficial nr. 306 / 15 aprilie 2020, partea a-IIIa și anume:**

Departamentul Ingineria Sistemelor Mecanice

Profesor, poziția 9 (vacant) – domeniul Inginerie Mecanică

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Conf. dr. Ing. Vaida Călin Liviu

Departamentul Ingineria Fabricației

Profesor, poziția 9 (vacant) – domeniul Inginerie Industrială

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Conf. dr. Ing. Frățilă Domnița Florina

Conferențiar, poziția 22 (vacant) – domeniul Inginerie Industrială

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Leordean Vasile Dănuț

Conferențiar, poziția 23 (vacant) – domeniul Inginerie Industrială

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Popan Ioan Alexandru

Conferențiar, poziția 24 (vacant) – domeniul Inginerie Industrială

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Conțiu Glad

Departamentul Ingineria Proiectării și Robotică

Profesor, poziția 10 (vacant) – domeniul Inginerie și Management

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Conf. dr. Ing. Dragomir Mihai

Conferențiar, poziția 20 (vacant) – domeniul Inginerie și Management

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Dragomir Diana Cristina

Conferențiar, poziția 21 (vacant) – domeniul Inginerie și Management

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Câmpean Emilia Maria

Sef lucrari poz. 37 (vacant) – domeniul Inginerie Industrială

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Asist.Dr. Ing. Buna Zsolt Levente

Departamentul Management si Inginerie Economică:

Conferențiar, poziția 12 (vacant) – domeniul Inginerie și Management

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Oțel Călin Ciprian

Conferențiar, poziția 13 (vacant) – domeniul Inginerie și Management

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- Șef lucrări. dr. Ing. Firescu Violeta-Maria

Departamentul Limbi moderne și Comunicare:

Asistent, pozitia 25 (vacant) – domeniul Filologie

Pentru ocuparea acestui post pe perioadă nedeterminată și-a exprimat intenția de a candida următorul:

- dr. Rusu Delia Georgeta

Ordinea de zi cuprinde:

Discutarea și avizarea dosarelor de concurs depuse de candidații de mai sus din punct de vedere al îndeplinirii standardelor minimale prevăzute la art. 219 alin (1) lit. a) din Legea nr 1/2011.

Au fost prezenți online toți cei 3 membrii ai comisiei.

În urma finalizării discuțiilor se încheie Avizul Comisiei și s-a întocmit acest proces verbal în două exemplare.

Aviz:

Nr. crt	Candidat	Îndeplinirea standardelor minimale CNATDCU / respectiv al cerințelor din metologia de concurs UTCN	Observații	Aviz
<u>Departamentul Ingineria Sistemelor Mecanice</u>				
1	Vaida Călin Liviu Profesor poz. 9	Domeniul Inginerie Mecanică		pozitiv
<u>Departamentul Ingineria Fabricației</u>				
2	Frățilă Domnița Florina Profesor poz. 9	Domeniul Inginerie Industrială		pozitiv
3	Leordean vasile Dănuț Conferențiar poz. 22	Domeniul Inginerie Industrială		pozitiv
4	Popan Ioan Alexandru Conferențiar poz. 23	Domeniul Inginerie Industrială		pozitiv
5	Coțiu Glad Conferențiar poz. 24	Domeniul Inginerie Industrială		pozitiv
<u>Departamentul Ingineria Proiectării și Robotică</u>				
6	Dragomir Mihai Profesor poz. 10	Domeniul inginerie și Management		pozitiv
7	Dragomir Diana Cristina Conferențiar poz. 20	Domeniul inginerie și Management		pozitiv
8	Câmpean Emilia Maria Conferențiar poz. 21	Domeniul Inginerie și Management		pozitiv
9	Buna Zsolt Levente Sef lucrari poz. 37	Domeniul Inginerie Industrială		pozitiv
<u>Departamentul Management și Inginerie Economică</u>				
10	Oțel Călin Ciprian Conferențiar poz. 12	Domeniul Inginerie și Management		pozitiv

11	Firescu Violeta-Maria Conferențiar poz. 13	Domeniul Inginerie și Management		pozitiv
<i>Departamentul Limbi moderne și Comunicare</i>				
12	Rusu Delia Georgeta asistent poz. 25	Domeniul Filologie		pozitiv

Întocmit azi 27.07.2020, Prof.dr.ing. Corina BÎRLEANU

Președinte comisie:	Semnătură
Acad. Prof.Dr.Ing. Dorel BANABIC	
Membrii comisiei:	
Prof.Dr.Ing Sorin POPESCU	
Prof. Dr.Ing. Corina BÎRLEANU	

27.07.2020

Cluj-Napoca

FISA STANDARDE MINIMALE CONCURS PROFESOR - DOMENIUL:INGINERIE MECANICA

Candidat:

Conf. dr. ing. Calin VAIDA

Specificatie	Domeniul activitatilor	Indicator	Punctaj obtinut	grila	Punctaj minim	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	42.68	10.00	426.79	indicator indeplinit	
		P1	39.85	6.00	664.23	indicator indeplinit	
	A2.2	N3	70.00	10.00	700.00	indicator indeplinit	
		N3.1	13.00	5.00	260.00	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	910.08	50.00	1820.16	indicator indeplinit	
	A3.2	N5	34.00	10.00	340.00	indicator indeplinit	
	A3.3	C	656.36	25.00	2625.42	indicator indeplinit	
			1788.970056	113.00	1583.16	0	

Data: 20.07.2020

Ștampilă

N.1.1 Manuale suport de curs (conf. Fisei disciplinei)

Format tiparit/electronic (minim 100 pagini)

Prim autor

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

N1.2 Manuale suport de curs (conf. Fisei disciplinei)

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 Manuale suport de curs (conf. Fisei disciplinei)

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

Nr. Crt	Autorii	Adesa de site	Anul postarii	nr. Autori	puncta j
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

N2.1 Standuri de laborator (constructii/modernizari) certificate de directorul de departament

Nr. Crt	Denumire stand/an constructie sau modernizare	Anul constructie/ modernizare	Punctaj 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), ablative prin radiofrecventa, biopsie	2017	1.00
			0.00
	Total		6.00

N2.2 Indrumator laborator/carte si maplicatii format tiparit sau electronic
autor, co-autor

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

N3.1 Articole si publicatii BDI (neincluse in A2.1)
prim autor sau autor corespondent

Nr. crt.	Nume autori	Numar autori	Titlul lucrării	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.; Pislă, 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.; Pislă, D.; Plitea, N.; Gherman, B.; Gyurka, B.; Graur, F.; Vlad, L.	6	Development of a Voice Controlled Surgical Robot	MECHANISM SCIENCE: ANALYSIS AND DESIGN INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY	5	2010	567-574	1.00
3	Vaida, C.; Pislă, D.; Plitea, N.; Gherman, B.; Gyurka, B.; Stancel, E.; Hesselbach, J.; Raatz, A.; Vlad, L.; Graur, F.	10	Minimally Invasive Surgery for a Parallel Robot Used in	NEW TRENDS IN MEDICAL AND SERVICE ROBOT: HUMAN CENTERED ANALYSIS, CONTROL AND DESIGN	26	2009	171-176	1.00
4	Vaida, Calin; Pislă, 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 ROBOT: HUMAN CENTERED ANALYSIS, CONTROL AND DESIGN	39	2016	85-99	1.00
5	Vaida, C.; Birlescu, I.; Plitea, N.; Crisan, N.; Pislă, D.	5	Design of a Needle Insertion Module for Robotic Assisted Transperineal Prostate Biopsy	NEW TRENDS IN MEDICAL AND SERVICE ROBOT: DESIGN, ANALYSIS AND CONTROL	48	2018	1-15	1.00

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

N3.2 Articole si publicatii BDI (neincluse in A2.1)
co-autor

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

Birlescu, Iosif; Tucan, Paul; Gherman, Bogdan; Vaida, Calin; Crisan, Nicolae; Radu, Corina; 7 Plitea, Nicolae; Pislă, Doina	Kinematic Analysis for a Prostate Biopsy Parallel Robot Using Study 8 Parameters	50	2018	135-142	1.00
Plitea, N.; Pislă, D.; Vaida, C.; 8 Gherman, B.; Pislă, A.	Dynamic Modeling of a Parallel Robot Used in Minimally Invasive 5 Surgery	20	2014	63-77	1.00
Pislă, D.; Plitea, N.; Galdau, B.; 9 Vaida, C.; Gherman, B.	Innovative Approaches Regarding 5 Robots for Brachytherapy INVERSE AND DIRECT GEOMETRICAL MODEL OF A NEW RECONFIGURABLE PARALLEL 5 ROBOT	20	2011	307-312	1.00
Lese, Dorin-Bogdan; Pislă, Doina; Vaida, Calin; Scurtu, Iacob; 10 Plitea, Nicolae	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)				
Galdau, B.; Pislă, D.; Kacso, G.; Cocorean, D.; Vaida, C.; 11 Gherman, B.; Plitea, N.	NEW DESIGN OF BR-1: AN INNOVATIVE PARALLEL ROBOT 7 FOR BRACHYTHERAPY		2014	206-211	1.00

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

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

<p>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)</p>	<p>DEVELOPMENT OF AN INNOVATIVE NEEDLE INSERTION MODULE USED IN TRANSPERINEAL ROBOTIC-ASSISTED BIOPSY</p>	<p>Pisla, D.; Huta, M.; Vaida, C.; Batin, G.; Popa, C.; Graur, F.; Birlescu, I.; Feniser, C.; Plitea, N.</p>	<p>2016 149-156</p>	<p>1.00</p>
<p>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)</p>	<p>INTEGRATION OF INDUSTRIAL ROBOTS IN FINE ARTS APPLICATIONS: ALGORITHMS AND A CASE STUDY WITH ABB 5 ROBOT TECHNOLOGY</p>	<p>Timoftei, Sanda; Brad, Emilia; Feniser, Cristina; Vaida, Calin; Filip, Daniel</p>	<p>2016 466-471</p>	<p>1.00</p>

Gherman, B.; Girbacia, T.; Cocorean, D.; Vaida, C.; Butnariu, 25 S.; Plitea, N.; Talaba, D.; Pislă, D.	Virtual Planning of Needle Guidance for a Parallel Robot 8 Used in Brachytherapy	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: ASSISTIVE, SURGICAL AND EDUCATIONAL ROBOTICS	38	2016 109-120	1.00
Pislă, A.; Cocorean, D.; Vaida, C.; 26 Pislă, D.	Development of a Virtual Testing Platform Within an Instructor 4 Operation Station	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS: ASSISTIVE, SURGICAL AND EDUCATIONAL ROBOTICS	38	2016 239-252	1.00
27 Pislă, A.; Vaida, C. L.; Pislă, D. L.	A SYSTEMATIC OVERVIEW OF THE INNOVATION IN INSTRUCTOR OPERATION AND CONTROL OF A 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 388-393	1.00
Galdau, B.; Plitea, N.; Vaida, C.; 28 Covaciu, F.; Pislă, D.	Design and control system of a parallel robot for brachytherapy	2014 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS		2014	1.00

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

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

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

Cocorean, Dragos; Vaida, Calin; 44 Plitea, Nicolae; Pislea, Doina	MODULAR DESIGN OF A PARALLEL ROBOTIC STRUCTURE 4 FOR BRACHYTHERAPY	ACTA TECHNICA NAOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	58(2)	2015 245-250	1.00
Tucan, Paul; Vaida, Calin; 45 Butnariu, Silviu; Pislea, Doina	PRIORITIZATION OF TECHNICAL CHARACTERISTICS OF A SPINE 4 POSTURE MONITORING DEVICE	ACTA TECHNICA NAOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING	59(4)	2016 419-424	1.00
Pislea, Doina; Galdau, Bogdan; Covaciu, Florin; Vaida, Calin; 46 Popescu, Daniela; Plitea, Nicolae	Safety issues in the development of the experimental model for an innovative medical parallel robot 6 used in brachytherapy	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	55(3)	2017 684-699	1.00
Birliescu, Iosif; Craciun, Florin; Vaida, Calin; Gherman, Bogdan; 47 Pislea, Doina	AN INNOVATIVE AUTOMATED INSTRUMENT FOR ROBOTICALLY ASSISTED BRACHYTHERAPY USED 5 IN CANCER TREATMENT Towards cost-oriented user- friendly robotic systems for post- stroke rehabilitation	ACTA TECHNICA NAOCENSIS SERIES- APPLIED MATHEMATICS MECHANICS AND ENGINEERING Handbook of Research on Biomimetics and Biomedical Robotics	60(4)	2017 633-638	1.00
Nadas, I.A., Pislea, D., Vaida, 48 C., Gherman, B.G., Carbone, G.	An innovative parallel robotic system for transperineal prostate 3 biopsy	Mechanisms and Machine Science	-	2017 99-141	1.00
49 Gherman, B., Plitea, N., Pislea, D.			43	2017 421-429	1.00

Gherman, B., Vaida, C., Birlescu, 50 I., Pisla, A., Tucan, P., Pisla, D.	Modelling and simulation of a robotic system for lower limb 6 rehabilitation	ASME 2018 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE 2018; Quebec City; Canada; 2018	58-59	2018	1.00
Plitea, N., Vaida, C., Carbone, 51 G., Pislă, A., Ulinici, I., Pislă, D. Gherman, B., Carbone, G., Plitea, N., Ceccarelli, M., Banica, 52 A., Pislă, D.	On the kinematics of an innovative spherical parallel 6 robot for shoulder rehabilitation Kinematic Design of a Parallel Robot for Elbow and Wrist 6 Rehabilitation	Mechanisms and Machine Science	54	2018	464-473 1.00
Plitea, N., Gherman, B., Carbone, 53 G., Ceccarelli, M., Vaida, C., Banica, A., Pislă, D., Pislă, A.	Kinematic analysis of an exoskeleton-based robot for 8 elbow and wrist rehabilitation Design of a mechanical interface for a cable-driven rehabilitation 4 device	Mechanisms and Machine Science	54	2018	424-433 1.00
Lazăr, V.A., Cafolla, D., Pislă, 54 D., Carbone, G.	Identification of upper limb motion specifications via visual tracking for robot assisted 5 exercising Design of dual-arm exoskeleton for mirrored upper limb 7 rehabilitation	Mechanisms and Machine Science	65	2019	283-292 1.00
Laribi, M.A., Decatoire, A., Carbone, G., Pislă, 55 D., Zeghloul, S. Nadas, I., Pislă, D., Ceccarelli, M., Vaida, C., Gherman, B. Tucan, 56 P., Carbone, G.		Mechanisms and Machine Science	67	2019	93-101 1.00
		Mechanisms and Machine Science	65	2019	303-311 1.00

Gherman, B., Birlescu, I., Puskas, F., Pisia, A., Carbone, G., Tucan, 57 P., Banica, A., Pisia, D.	A kinematic characterization of a parallel robotic system for lower limb rehabilitation	Science	2019	27-34	59	1.00	0.00	
Total							57.00	



P1.1 Articole și publicații științifice indexate Web of Science - Thomson Reuters *, **
Autor corespondent/Prim autor
 maxim 3 autori

Nr. crt.	Autor corespondent=2; Prim autor=1	Nume autori	Titlul lucrării	Denumire Jurnal /ISSN	Volum /Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Punctaj individual pt n max 3
1								0	0.00
2								0	0.00
Total									
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P.1.2

Articole și publicații științifice indexate Web of Science - Thomson Reuters *, **
mai mult de 4 autori inclusiv
Autor corespondent/Prim autor

Nr. crt.	Autor corespondent=2; Prim autor=1	Numar autori	Nume autori	Titlul lucrării	Denumire Jurnal//ISSN	Volum/Numar	Anul publicării	nr. pagini (de la .. pana la:)	Factor de impact in anul publicării	Punctaj individual
1	1	4	Vaida, C.; Plitea, N.; Pislă, D.; 4 Gherman, B.	Orientation module for surgical instruments-a systematic approach	MECCANICA	48(1)	2013	145-158	1.815	3.02
					PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE					
2	1	4	Vaida, Calin; Plitea, Nicolae; 4 Cocorean, Dragos; Pislă, Doina	MODELING OF NEW SPATIAL PARALLEL STRUCTURES WITH CONSTANT PLATFORM ORIENTATION USING PLANAR PARALLEL MODULES	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	29(4)	2013	203-221	1.839	2.45
					ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING					
3	2	5	Pislă, Doina; Gherman, Bogdan; Vaida, Calin; Suciu, Marius; Plitea, Nicolae	An active hybrid parallel robot for minimally invasive surgery	G	29(4)	2013	203-221	1.839	2.45
					G					

4	2	Pisla, Doina; Szilaghyi, Andras; 4 Vaida, Calin; Plitea, Nicolae Pisla, D.; Gherman, B.; Plitea, N.; Gyurka, B.; Vaida, C.; Vlad, L.; Graur, F.; Radu, C.; Suciur, M.;	Kinematics and workspace modeling of a new hybrid robot used in minimally invasive surgery	ROBOTICS AND COMPUTER- INTEGRATED MANUFACTURIN G	29(2)	2013 463-474	1.839	3.06
5	2	11 Szilaghyi, A.; Stoica, A. Pisla, D.; Plitea, N.; Vaida, C.; Hesselbach, J.; Raatz, A.; Vlad, L.; Graur, F.; Gyurka, B.; Gherman, 10 B.; Suciur, M.	PARASURJ hybrid parallel robot for minimally invasive surgery	CHIRURGIA	106(5)	2011 619-625	0.777	0.53
6	2		PARAMIS parallel robot for laparoscopic surgery Safety issues in the development of the experimental model for an innovative medical parallel robot used in brachytherapy	CHIRURGIA	105(5)	2010 677-683	0.777	0.59
7	2	Pisla, D., Galdau, B., Covaciu, F., 6 Vaida, C., Popescu, D., Plitea, N		International Journal of Production Research	55(3) 17(1)	2017 684-699 2016 67-75	2.623	2.82
8	2	Plitea, Nicolae; Szilaghyi, Andras; Cocorean, Dragos; Vaida, Calin; 5 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	2	Development of a parallel robotic system for transperineal biopsy of the prostate	8	2017	195-213	1.352	1.33
		7	Risk Management for the Reliability of Robotic Assisted Treatment of Non-resectable Liver Tumors	10	2019	1-22	2.474	2.29
10	2	7	Doina Pislă, Vaida Calin (c.a.), Iosif Birlescu, Nadim Al Hajjar, Bogdan Gherman, Corina Radu Nicolae					
		7	Plitea					
			Calin Vaida, Iosif Birlescu, Adrian Pislă, Ionut-Mihai Ulinici, Daniela Tarnita, Giuseppe Carbone, Doina Pislă			34522-		
11	1	7	Rehabilitation for Lower Limb	8	2020	34537	3.745	3.38
			Total					23.02

13	Tucan, P., Vaida, C., Pilitea, N., Pisia, A., Carbone, G., & Pisia, D.	Risk-Based Assessment Engineering of a Parallel Robot Used in Post-Stroke Upper Limb Rehabilitation	Sustainability	11(10)	2019	2893	2.592	6	1.40
14	Tarnita, D., Pisia, D., Geonea, I., Vaida, C., Catana, M., & Tarnita, D. N.	Static and Dynamic Analysis of Osteoarthritic and Orthotic Human Knee	Journal of Bionic Engineering	16(3)	2019	514-525	2.463	6	1.33
15	Major, K. A., Major, Z. Z., Craciunas, R., Carbone, G., Vaida, C., & Pislă, D. L.	Efficiency of Transcranial Magnetic Stimulation in Progressive Supranuclear Palsy: Estimation Using Goniometry and Dinamometry	Neurophysiology	51(1)	2019	57-62	0.267	6	0.23
16	Birlescu, I., Husty, M., Vaida, C., Pilitea, N., Nayak, A., & Pisia, D.	Complete Geometric Analysis Using the Study SE (3) Parameters for a Novel, Minimally Invasive Robot Used in Liver Cancer Treatment	Symmetry	11(12)	2019	1491	2.143	6	1.17
17	Paul Tucan, Bogdan Gherman, Kinga Major, Calin Vaida, Zoltan Major, Nicolae Pilitea, Giuseppe Carbone, Doina Pisia	Fuzzy Logic-Based Risk Assessment of a Parallel Robot for Elbow and Wrist Rehabilitation	International Journal of Environmental Research and Public Health	17(2)	2020	1-22	2.849	8	1.14

P2.1<4 Brevete internationale indexate in Web of Science-Derwent Innovation
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Total					0.00

P2.2<4 Brevete indexate OSIM
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					0.00
Total					0.00

P2.2>4 Brevete indexate OSIM
Prim autor/autor corespondent *minim 4 autori inclusiv*

Nr.crt	Autori	Titlul brevetului	Anul aparitiei
1	Vaida, L.C., Plitea, N., Pislă, D.L., Carbone, G.,	Ghe Robot sferic pentru recuperarea medicală a zonei pi	2020
2	Vaida, C., Plitea, N., Pislă, D., Gherman, B., Suciș, Modul de orientare cu structura modulară cu multiț		2019
Total			

Numar autori	Punctaj individual
7	0.60
5	1.40
	0.00
	2.00

P2.2.1<4 Brevete internationale indexate in Web of Science-Derwent Innovation
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Total					0.00

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minim 4 autori inclusiv

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					0.00
Total					0.00

P2.2.2<4

Brevete indexate OSIM; co-autor;
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P2.2.2>4

Brevete indexate OSIM; co-autori;

minim 4 autori

Nr.crt	Autori	Titlul brevetului	Anul aparitiei
1	Plitea, N., Pislă, D., Vaida, C., Gherman, B. Gherman, B.G., Pislă, D.L., Plitea, N., Vaida, L.C., Carbone, G., Pislă, 2 A., Banica, A.V.	Surgical Robot. RO-126271, Romania (2012)	2012

2020

Sistem robotic paralel pentru recuperarea medicala a membrului

Total

Numar autori	Puncta j indiv ual
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4 0.53

7	0.30
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	0.00
	0.00
	0.83

Produce, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)

N4.1-2

Nr.crt	Denumire produs	anul validării/mod validare (procedura)	Numar contributori	Calitatea:1 - coordonator; 2 membru in echipa	Punctaj individual
1					0.00
					0.00
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N4.3 Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)

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Nr.crt	Autori	Titlul	Editura	Anul editarii	ISBN	Nr. Pagini	Punctaj individual
		Programarea și utilizarea calculatoarelor, Vol. III, Programare în MATLAB cu aplicații în inginerie, Seria Utilizarea si programarea calculatoarelor, Coordonator: Prof. Dr. Ing. D. Pîslă, 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
1 C. Vaida, D. Pîslă, B. Gherman							1.00
Total							1.00

N4.4 Monografii/cărți de specialitate, format tipărit/electronic (min. 100 pag.)

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Nr.crt	Autori	Titlul	Editura	Anul editării	ISBN	Nr. Pagini	Punctaj individual
		Programarea si utilizarea calculatoarelor, Vol. II Programare in limbajul C cu aplicatii in inginerie, Seria Utilizarea si programarea 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 1.00
Total							1.00

N5 Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat

Nr. Crt.	Tipul activității :	Denumire Congress, workshop/institutia unde a fost invitat	Anul /perioada (pt. prof. invitat)	Titlul lucrării sustinute în 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	Denumire Congress, workshop/institutia unde a fost invitat	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
2	1 5th International Conference on Informatics in Control, Automation and Robotics	Denumire Congress, workshop/institutia unde a fost invitat	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
4	3 Workshop international de Chirurgie Endoscopica a Ficatului, 2008	Denumire Congress, workshop/institutia unde a fost invitat	2008, Cluj-Napoca	Surgical robots - Past, Present and Future	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00

<p>INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH</p>	<p>5</p>	<p>1 TECHNOLOGY SYROM 2009: PROCEEDINGS OF THE 10TH IFTOMM INTERNATIONAL SYMPOSIUM ON SCIENCE OF MECHANISMS AND MACHINES, 2009</p>	<p>SEP 23-26, 2009, Cluj-Napoca</p>	<p>Development of a control system for a parallel robot used in minimally invasive surgery</p>	<p>https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works</p>	<p>1.00</p>
<p>17th International Congress of the European Association for Endoscopic Surgery</p>	<p>6</p>	<p>1 MACHINES, 2009</p>	<p>OCT 12-15, 2009, Brasov</p>	<p>Workspace and singularity analysis for a reconfigurable parallel robot</p>	<p>https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works</p>	<p>1.00</p>
<p>18th International Workshop on Robotics in Alpe-Adria-Danube Region (RAAD 2009) 3rd European Conference on Mechanisms Science (EUCOMES 2010)</p>	<p>7</p>	<p>1 (EAES)</p>	<p>17--20 June 2009, Praga</p>	<p>VOICE-CONTROLLED PARALLEL ROBOT FOR MINIMALLY INVASIVE SURGERY</p>	<p>https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works</p>	<p>1.00</p>
<p>2 Region (RAAD 2009) 3rd European Conference on Mechanisms Science (EUCOMES 2010)</p>	<p>8</p>	<p>2 Region (RAAD 2009) 3rd European Conference on Mechanisms Science (EUCOMES 2010)</p>	<p>May 25-27, 2009, Brasov</p>	<p>Design and Operation Issues for Parallel Robotic Devices</p>	<p>https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works</p>	<p>1.00</p>
<p>1 Conference)</p>	<p>9</p>	<p>1 Conference)</p>	<p>SEP 14-18, 2010, Cluj-Napoca</p>	<p>Development of a Voice Controlled Surgical Robot</p>	<p>https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works</p>	<p>1.00</p>

- 10 IEEE International Conference on Automation, Quality and Testing, Robotics 1 (AQTR) MAY 28-30, 2010, Cluj-Napoca
 Singuliarities and Workspace Analysis for a Parallel Robot for Minimally Invasive Surgery
https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works 1.00
- 11 International Workshop „ROBOMED 2010“ in the Frame of Alexander von Humboldt Foundation Project Fokoop -- 2 DEU/1010959 14 Sep 2010, Cluj-Napoca
 DEVELOPMENT OF NEW PARALLEL ROBOT FOR MINIMALLY INVASIVE SURGERY
https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works 1.00
- 12 Seminar “Technological Development in a Sustainable Economy” aprilie 2011, Iasi 1.00
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- 13 1 Conference on MAY 24-27, 2012, Cluj-Napoca Parallel Robot 1.00
 2 SILKROAD REDIVIVUS - Dec. 2011 Siemens solutions for digital manufacturing 1.00
- 15 The Joint International Conference of the XI International Conference on Mechanisms and Mechanical Transmissions (MTM) and the International Conference on 2012, June 6-8, Clermont-Ferrand, France
 A Parallel Reconfigurable Robot with Six Degrees of Freedom 1.00

16	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	113	1.00
17	NEW TRENDS IN MEDICAL AND SERVICE ROBOTS INTERNATIONAL EXPLORATORY 2 WORKSHOP (Mesrob) 2nd Workshop on New Trends in Medical and Service Robotics	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 (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 2014 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2014, - THETA	May 22-24 2014, Cluj-Napoca	An innovative family of modular parallel robots for brachytherapy	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAJ&view_op=list_works	1.00
20	1 19th edition -				

21	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
22	1 Robot Kinematics 4th International Workshop on Medical and Service Robots and Service Robots	Slovenia	On the Kinematics of an Innovative Parallel	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
23	2 (MESROB) IFToMM 2015, 14th IFToMM World	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
24	1 Congress IEEE International Conference on Automation, Quality and Testing, Robotics and Service Robots	25 - 30 October 2015 / Taipei, Taiwan	An innovative parallel robotic structure designed for transperineal prostate biopsy	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
25	1 (AQTR) 5th International Workshop on Medical and Service Robots	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
26	2 (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=kxvf2UEAAAAAJ&view_op=list_works	1.00

27	Workshop-ul International „Aplicatii actuale si viitoare ale BCI non-invasive si 2 invasive”	22 mai 2017, Cluj-Napoca	Innovative Approaches Regarding Rehabilitation and Assistive Robotics for Healthy Ageing	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
28	The 12th IFToMM International Symposium on Science of Mechanisms and Machines - 1 SYROM'2017 6th International Symposium on Multibody Systems and Mechatronics – 1 MuSMe	November 02 - 03, 2017, Iasi, Romania	Preliminary design for a spherical parallel robot for shoulder rehabilitation	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
29	International Conference on Automation, Quality and Testing, Robotics 1 (AQTR2018) ARK 2018, the 16th International Symposium on Advances in Robot 1 Kinematics	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
30	International Conference on Automation, Quality and Testing, Robotics 1 (AQTR2018) ARK 2018, the 16th International Symposium on Advances in Robot 1 Kinematics	24-26 MAI 2018, Cluj-Napoca	VR INTERFACE FOR COOPERATIVE ROBOTS APPLIED IN DYNAMIC ENVIRONMENTS	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
31	International Symposium on Advances in Robot 1 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=kxvf2UEAAAAAJ&view_op=list_works	1.00

32	ASME 2018 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference (IDETC/CIE 1 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=kxvf2UEAAAAAJ&view_op=list_works	1.00
33	INNOVATIVE IDEAS IN SCIENCE 2018 IAK 2018 - Third Conference on Interdisciplinary Applications in Kinematics	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
34	MEDITECH 2018 - Cluj- Napoca	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=kxvf2UEAAAAAJ&view_op=list_works	1.00
35		17-20 Oct. 2018	Robotics in minimally invasive procedures: History, current trends and future challenges	https://scholar.google.ro/citations?hl=en&user=kxvf2UEAAAAAJ&view_op=list_works	1.00
					0.00
					34.00

S Atragere resurse financiare prin granturi/proiecte/contracte terți

Nr.crt	Tip proiect *	Titlul proiectului	Perioada derulare	Valoare totala UTCN** [ech. Euro]	Valoarea alocata membrului in echipa de catre	Punctaj individual	
1	1	International ESA Space Agency	2018-2019	204000		204.00	
		Manipulation Systems for Sample Handling in a Sample Receiving Facility", TASUK /16/11305/NBO/1424, ESA-European					
2	1	TE	2015-2016	88167		88.17	
		Sistem multifuncțional pentru inserția acelor în diagnosticul și tratamentul cancerului, acronim ACCURATE, cod: PN-II-RU-TE- 2014-4-0992 nr. contract 59/2015					
3	1	PCCA	2014-2016	36018		36.02	
		Sistem de Diagnosticare și Terapie a Afecțiunilor Coloanei Vertebrale (SPINE) Simulation and control techniques for robots used in minimally invasive surgery - SIMCOSURG					
4	1	CNCSIS	2012-2013	6173		6.17	
		New Trends in Medical and Service Robots, Program IDEI, Workshop Exploratoriu Contribuții la Cinematica și Dinamica Roboților Paraleli cu Aplicații în Chirurgia Minim Invazivă CNCSIS TD (Tineri Doctoranzi)					
5	1	IDEI	2012	6732		6.73	
6	1	TD	2007-2008	7781		7.78	

Calitatea: director = 1, membru in echipa = 2

7	1	CNCSIS	Contributions to the kinematics and dynamics of 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 Mathematische Modellierung und Experimentelle Untersuchung eines modular aufgebauten Parallelroboters in Huml der minimal invasiven Chirurgie	2018-2020	177422	177.42
9	2	International	Brahiterapia asistata robotic, o abordare inovativa in terapia cancerelor inoperabile Creative Alliance in Research and Education focused on Medical and Service Robotics Project International	2007-2011	50000	16.67
10	2	PCCDI	Dezvoltarea multidisciplinara de roboti chirurgicali bazati pe structuri paralele inovative – UEFISCDI, PARMIS	2012-2017	340425	51.06
11	2	International - SRF	Dezvoltarea inovativă a unor sisteme robotice pentru reabilitare și asistare în îmbătrânirea sănătoasă ASUK /16/11305/NBO/1424, ESA-European Space Agency	2012-2014	60810	6.08
12	2	PCCDI	Instructor Operation Station designed for space	2007-2010	276595	55.32
13	2	POC	An innovative robotic system for upper limb	2016-2020	1400000	210.00
14	2	International ESA		2017-2018	42000	15.00
15	2	ROSA		2014-2015	95000	9.50
16	2	EIT Health		2019	75000	7.50
Total						910.08

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

** Se va introduce valoarea fara TVA

*** Pentru contracte derulate înainte 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 Citări în publicații BDI (WOS și Scopus)

Nota: se exclud autocitările

Nu se considera autocitare articolul în care apar autori din articolul citat, dar lipsește declarantul (persoana care completează Fișa de evaluare)

Nr. Crt.	Date de identificare complete ale articolului citat (se exclud autocitările)***	Date de identificare complete ale articolelor care citează	Anul în care a fost citată lucrarea	Linkul articolului care citează	Factorul de impact al publicației WOS în care apare citarea	Punctaj individual
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Yan, Z., Du, Z., Zhang, F., Wang, W. Preoperativ	2018	http://apps.webofknowledge.c	0.996	2.00	
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R.J. Murphy, et. Al, Design and kinematic char	2013		0.894	1.89	
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2 Manufacturing, 29(4), pp. 203-221				
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Jianmin Li, Guokai Zhang, Yuan Xing, Hongbin l	2014	0.863	1.86
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A. Stoica, D. Pisla, A. Szilaghyi, B. Gherman, N.	2013		1.00
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