

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
FACULTATEA DE AUTOMATICĂ ȘI CALCULATOARE
DEPARTAMENTUL DE AUTOMATICĂ ȘI INFORMATICĂ APLICATĂ

Concurs pentru ocuparea postului de PROFESOR, poz. 8

Disciplinele postului:

- **Sisteme de control cu servoing / Visual servoing control systems**
- **Vedere artificială**
- **Sisteme de vedere artificială**

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de
profesor universitar

publicat în Monitorul Oficial al României nr. 368 din data de 06.05.2021, partea a III-a

Candidat: Burlacu Adrian / Data nașterii: 18.01.1982 Funcția actuală: conferențiar, Data numirii în funcția actuală: 1 octombrie 2014

Instituția: Universitatea Tehnică Gheorghe Asachi din Iași

Se preia tabelul și definițiile corespunzătoare domeniului științific aferent, conform Anexei TUIASI.POB.08-A1.3.

(Modul de îndeplinire a standardelor minime naționale va fi prezentat în mod explicit și va trebui însoțit de dovezi)

Data: 10.06.2021
Burlacu Adrian

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI
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Disciplinele postului: Sisteme de control cu servoing / Visual servoing control systems; Vedere artificială; Sisteme de vedere artificială

FIȘA DE VERIFICARE

pentru postul de profesor

Cadru didactic: Adrian Burlacu / **Data nașterii:** 18.01.1982 **Funcția actuală:** Conferențiar

Data numirii în funcția actuală: oct 2014

Nr. crt.	Domeniul activităților	Subcategorii			Realizări conform listei de lucrări	Punctaj
1	Activitatea didactică și profesională (A1)	A1.1. Cărți de autor sau capitole [1] de specialitate la edituri cu ISBN	A1.1. Cărți/ monografii	A1.1.1 (internaționale)		0.00
		A1.1.2 (naționale)		Cn1 - Cn3	91.67	
		A1.2. Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2	M1 - M1	40.00
2	Activitatea de cercetare (A2)	A2.1. Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI		A2.1	ISI1 - ISI40	747.19
		A2.2 Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4]		A2.2.	BDI1 - BDI14	90.67
		A2.3 Proprietate intelectuală, brevete de invenție, certificate ORDA		A2.3.1 (internaționale - [5])		0.00
				A2.3.2 (naționale - OSIM)		0.00
		A2.4. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minimum 10000 dolari USA echivalent încasați [6]	A2.4.1. Director/ responsabil partener	A2.4.1.1 (internaționale)		0.00
				A2.4.1.2 (naționale)	Pdn1 - Pdn2	20.00
			A2.4.2. Membru în echipă	A2.4.2.1 (internaționale)	Pmi1 - Pmi2	16.00
				A2.4.2.2 (naționale)	Pmn1 - Pmn5	22.00
3	Recunoașterea și impactul activității (A3)	A3.1. Citări [7] în cărți, reviste și volume ale unor manifestări științifice		A3.1.1 Cărți, ISI [8]	(conform tabel citări)	410.55
				A3.1.2 BDI [4]	(conform tabel citări)	9.60
		A3.2. Membru în colectivele de redacție sau comitetele științifice al revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]	Punctaj unic pentru fiecare activitate	A3.2 (ISI)	Membru in comitetul de organizare ICSTCC 2017 http://www.icstcc2017.ac.tuiasi.ro/committees/organizing-committee/ Membru in technical committe AQTR 2018 Membru in technical committee ICARSC 2018 https://robotica2018.festiv.alrobotica.pt/pt/icarsc/committees Membru in technical committee ICARSC 2019 Membru in technical committe ROBOT 2019 Chair la 2 sesiuni in cadrul ICSTCC 2019	60.00

Nr. crt.	Domeniul activităților	Subcategorii			Realizări conform listei de lucrări	Punctaj
		A3.3. Membru în colectivele de redacție sau comitetele științifice al revistelor indexate BDI , chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI [4]	Punctaj unic pentru fiecare activitate	A3.3 (BDI)	Membru în comitetul de organizare ICSTCC 2014 http://www.ace.tuiasi.ro/ics-tcc2014/organization.html# Organizator sesiune invitata "New Trends in Robotic Systems", ICSTCC 2014 http://www.ace.tuiasi.ro/ics-tcc2014/STCC14_ContentListWeb_1.html#frb1	12.00
		A3.4. Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu	Punctaj unic pentru fiecare premiu	A3.4.		0.00

Total: 1519.67

Data: 10.06.2021

Adrian Burlacu

Anexa 1. Condiții minime

Nr. crt.	Domeniul de activitate	Profesor	Cadru didactic	Criteriu neîndeplinit
A1	Activitatea didactică / profesională (A1)	100	131.67	
A2	Activitatea de cercetare (A2)	600	895.86	
A3	Recunoașterea impactului activității (A3)	150	492.15	
Total (A)		850	1519.67	
Scor J			1.79	

Condiții minime obligatorii pe subcategorii		Profesor	Cadru didactic	Criteriu neîndeplinit
A1.1.1 – A1.1.2	Cărți de specialitate	1	4	
A2.1	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI	15	41	
	Articole în reviste cotate ISI Q1 sau Q2 [10]	3	8	
A2.4.1	Granturi/proiecte de cercetare câștigate prin competiție (Director/ responsabil partener)	2	2	
A3.1.1	Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS) [11]	25	100	
	Factor de impact ISI cumulat pentru publicații [12]	10	34.77	

Data: 10.06.2021

Adrian Burlacu

Anexa 2. Lista de lucrări

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
A.1.1.1. Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN din străinătate [1] Capitolul de carte să NU fie într-un volum de conferință. Punctaj capitol = 1/4 din punctaj pt. categoria respectivă					
		Total A1.1.1			0.00
	Cn1	Adrian Burlacu, Daniel Condurache, Corneliu Lazăr, Motion Parameterization and Control: Advances and Applications, MatrixRom, 2021	3		16.67
A.1.1.2. Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN din țară [1] Capitolul de carte să NU fie într-un volum de conferință. Punctaj capitol = 1/4 din punctaj pt. categoria respectivă	Cn2	Adrian Burlacu și Marius Kloezer, Controlul Sistemelor Mobile cu Roți, Editura Performantica 2014, ISBN 978-606-685-157-2, pp.120	2		25.00
	Cn3	Burlacu Adrian, Algoritmi de procesare a imaginii pentru aplicații de urmărire a obiectelor în mișcare, Editura Politehniun, 2009, ISBN 978-973-621-237-6	1		50.00
		Total A1.1.2			91.67
A1.2.1. Material didactic / Lucrări didactice publicate în edituri cu ISBN	M1	Adrian Burlacu, Modeling and Predictive Control – Project Guide for Visual Servoing Systems, Editura Performantica 2014, ISBN 978-606-685-163-3, pp. 52	1		40.00
		Total A1.2			40.00
A2.1. Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI	ISI1	M.Hulea, A. Burlacu, C. Caruntu, Intelligent motion planning and control for robotic joints using bio-inspired spiking neural networks, IJHR, 2019	3	1.286	21.19
	ISI2	S.Caraiman, O. Zvoristeanu, A. Burlacu, P.Herghelegiu, Stereo Vision Based Sensory Substitution for the Visually Impaired, Sensors, vol.19, pp.2771-, 2019	4	3.03	28.98
	ISI3	A.Burlacu, M. Kloezer, C. Mahulea, Numerical Evaluation of Sample Gathering Solutions for Mobile Robots, Applied Sciences, Vol.9(4), 791-809, 2019	3	2.217	30.50
	ISI4	M. Hulea, A. Burlacu, C. Caruntu, Robotic Joint Control System based on Analogue Spiking Neural Networks and SMA Actuators, Int. Conf. of Robotics and Automation (ICRA), pp.1148-1154, 2019	3	0.25	10.83
	ISI5	S. Hustiu, M. Lupascu, S. Popescu, A. Burlacu, M. Kloezer, Stable hovering architecture for nanoquadcopter applications in indoor environments, 22nd Int. Conf. on System Theory, Control and Computing (ICSTCC), pp.659-663, 2018	5	0.25	6.50
	ISI6	P. Herghelegiu, A. Burlacu, S. Caraiman, Negative Obstacle Detection for Wearable Assistive Devices for Visually Impaired, 21st Int. Conf. on System Theory, Control and Computing (ICSTCC), pp.564-570, 2017	3	0.25	10.83
	ISI7	A. Burlacu, A. Baci, V-I Manta, S. Caraiman, Ground Geometry Assessment in Complex Stereo Vision Based Applications, 21st Int. Conf. on System Theory, Control and Computing (ICSTCC), pp.558-563, 2017	3	0.25	10.83
	ISI8	S.Caraiman, et al., Computer Vision for the Visually Impaired: the Sound of Vision System, 16th IEEE International Conference on Computer Vision (ICCV), pp.1480-1489, 2017	10	0.75	4.75
	ISI9	D. Condurache, A. Burlacu, Onboard Exact Solution to the Full-Body Relative Orbital Motion Problem, Journal of Guidance Control and Dynamics, vol. 39(12), pp.2638-2648, 2016.	2	2.024	42.86
	ISI10	A. Zapodeanu, A. Burlacu, M. Kloezer, On Some Implementation Issues in Robot-to-Area Allocation Problems, 20st Int. Conf. on System Theory, Control and Computing, pp.496-501, 2016	3	0.25	10.83
	ISI11	P. Herghelegiu, A. Burlacu, S. Caraiman, Robust ground plane detection and tracking in stereo sequences using camera orientation, 20st Int. Conf. on System Theory, Control and Computing (ICSTCC), pp.514-519, 2016	3	0.25	10.83
	ISI12	A. Burlacu, A. Coha, S. Caraiman, D. Condurache, Iterative Closest Point Problem: A Tensorial Approach to Finding the Initial Guess, 20st Int. Conf. on System Theory, Control and Computing (ICSTCC), pp.508-513, 2016	4	0.25	8.13
	ISI13	A. Burlacu, et al, Obstacle Detection in Stereo Sequences using Multiple Representations of the Disparity Map, 20st Int. Conf. on System Theory, Control and Computing, pp. 854-859, 2016	7	0.25	4.64
	ISI14	Condurache D., Burlacu A., Orthogonal dual tensor method for solving the AX=XB sensor calibration problem, Mechanism and Machine Theory, Vol 10, pp382-404,2016	2	3.535	65.53
	ISI15	M. Kloezer, C. Mahulea, A. Burlacu, Sample gathering problem for different robots with limited capacity, 20th Int. Conf. on System Theory, Control and Computing, pp.490-495, 2016	3	0.25	10.83

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
	ISI16	Condurache D., Burlacu A., Fractional Order Cayley Transforms for Dual Quaternions based Pose Representation, Majji, M; Turner, JD; Wawrzyniak, GG; Cerven, WT (Eds), Advances in the Astronautical Sciences, vol. 156, pp. 1317-1337 Part: I-IV, 2016, 978-0-87703-629-6, Univelt Inc.	2	0.25	16.25
	ISI17	A-E Cozma, V-G Seliman, A. Burlacu, M. Kloetzer, Numerical Simulations and Comparative Study for Auction-based Sample Gathering Solutions, 19th Int. Conf. on System Theory, Control and Computing, pp. 93-98, 2015	4	0.25	8.13
	ISI18	A. Burlacu, M. Kloetzer, F. Ostafi, Optimal multi-agent planning solution for a sample gathering problem, IEEE Int. Conf. on Automation, Quality and Testing, Robotics, 2014	3	0.25	10.83
	ISI19	Condurache D., Burlacu A., Recovering Dual Euler Parameters from Feature-Based Representation of Motion, Jadran Lenarcic and Ousama Khatib (Eds), Advances in Robot Kinematics, pp. 295-305, 2014, ISBN 978-3-319-06698-1, © Springer International Publishing Switzerland.	2	0.25	16.25
	ISI20	Condurache D., Burlacu A., Dual tensors based solutions for rigid body motion parameterization, Mechanism and Machine Theory, Vol.74, pp.390-412, 2014	2	3.535	65.53
	ISI21	Lazar C., Burlacu A., Archip A., Vision-Guided Robot Manipulation Predictive Control for Automating Manufacturing, T. Borangiu et al. (eds.), Service Orientation in Holonic and Multi-agent Manufacturing and Robotics, Studies in Computational Intelligence, Vol.544, pp. 313-328, 2014 DOI: 10.1007/978-3-319-04735-5_21, © Springer International Publishing Switzerland.	3	0.25	10.83
	ISI22	Condurache D., Burlacu A., On six dof relative orbital motion parameterization using rigid bases of dual vectors, Broschart SB et al (eds), Advances in the Astronautical Sciences, vol.150, pp.2293-2312, Part I-III, 2014	2	0.25	16.25
	ISI23	Burlacu A., Copot C., Lazar C., Predictive control architecture for real-time image moments based servoing of robot manipulators, J. Intelligent Manufacturing, Vol.25 (5), pp. 1125-1134, 2014	3	3.535	43.68
	ISI24	V. Tiganas, M. Kloetzer, A. Burlacu, Multi-Robot Based Implementation for a Sample Gathering Problem, 17th Int. Conf. on System Theory, Control and Computing, pp. 545-550, 2013	3	0.25	10.83
	ISI25	Copot C., Lazăr L., Burlacu A., Nonlinear Model based Predictive Control of Visual Servoing Systems using Image moments, Advances in Intelligent Control Systems and Computer Science, Vol.187, pp.115-128, 2013, Publisher Springer, DOI: 10.1007/978-3-642-32548-9_9	3	0.25	10.83
	ISI26	Copot C., Burlacu A., Ionescu C., Lazar C., De Keyser R. , A Fractional Order Control Strategy for Visual Servoing Systems, Mechatronics, Vol. 23, No.7, pp. 848-855, 2013.	5	2.423	19.54
	ISI27	Copot C., Lazăr C., Burlacu A., Predictive Control of Nonlinear Visual Servoing Systems using Image Moments, IET Control Theory and Applications, Vol.6(10), pp. 1486-1496, 2012	3	3.526	43.59
	ISI28	Burlacu A., Lazar C. , Reference Trajectory Based Visual Predictive Control, Advanced Robotics, Vol.26, No.8-9, 2012.	2	0.961	26.92
	ISI29	Panescu D., Kloetzer M., Burlacu A., Pascal C. , Artificial Intelligence based Solutions for Cooperative Mobile Robots, Control Engineering and Applied Informatics, Vol. 14, No. 1, pp.74-82, 2012	4	0.698	11.49
	ISI30	C. Lazar, A. Burlacu, C. Copot, Unified point and image moment features for image-based predictive visual servoing systems, 13th Int. Conf. on Optimization of Electrical and Electronic Equipment, pp.1458-1464, 2012	3	0.25	10.83
	ISI31	C. Copot, A. Burlacu, C. Lazar, Visual Predictive Control Architecture based on Image Moments for Manipulator Robots, IEEE Int. Symposium on Industrial Electronics (ISIE), 2011	3	0.25	10.83
	ISI32	A. Burlacu, C. Copot, A. Panainte, C. Pascal, C. Lazar, Real-time image based visual servoing achitecture for manipulator robots, VISAPP, 2011	5	0.25	6.50
	ISI33	A. Burlacu, M. Kloetzer, D. Panescu, Some AI based approaches on mobile robots motion planning, 5th International Conference on Robotics and Automation Systems, 2010	3	0.25	10.83
	ISI34	C. Copot, A. Burlacu, C. Lazar, Visual Control Architecture of Servoing Systems Based on Image Moments, 12th International Conference on Optimization of Electrical and Electronic Equipment, pp. 801-806, 2010	3	0.25	10.83
	ISI35	C. Copot, A. Burlacu, C. Lazar, Image Moments Based Visual Control Algorithm for Servoing Systems, IEEE 5th International Conference on Intelligent Computer Communication and Processing, pp.157-160, 2009	3	0.25	10.83
	ISI36	C. Lazar, A. Burlacu, Visual Servoing of Robot Manipulators Using Model-based Predictive Control, 7th IEEE International Conference on Industrial Informatics, pp.690-695, 2009	2	0.25	16.25
	ISI37	A. Burlacu, C. Lazar, Image Features Detection using Phase Congruency anti Its Application in Visual Servoing, IEEE 4th International Conference on Intelligent Computer Communication and Processing, pp.47-52, 2008	2	0.25	16.25

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
	ISI38	C. Lazar, A. Burlacu, Modeling of visual servo open-loop for robot manipulators, IEEE International Symposium on Industrial Electronics, pp. 1147-1152, 2008	2	0.25	16.25
	ISI39	C. Lazar, A. Burlacu, Dynamic simulation model for image based visual servo control systems, 11th International Conference on Optimization of Electrical and Electronic Equipment, pp.185-190, 2008	2	0.25	16.25
	ISI40	C. Lazar, A. Burlacu, Predictive control strategy for image based visual servoing of robot manipulators, 9th WSEAS International Conference on Automation and Information, 2008	2	0.25	16.25
	ISI41	C. Lazar, A. Burlacu, Performance Evaluation of Point Feature Detectors for Eye-in-Hand Visual Servoing, 5th IEEE International Conference on Industrial Informatics, pp.497-502, 2007.	2	0.25	16.25
	Total A2.1			34.77	747.19
A2.2 Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4] [4] Baze de date recunoscute: ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springerlink, ACM (Association for Computing Machinery), DBLP, EURASIP, Wiley, Inspec	BDI1	Lupascu, M., Hustiu, S., Burlacu, A., Kloetzer, M., Path planning for autonomous drones using 3D rectangular cuboid decomposition , 23rd International Conference on System Theory, Control and Computing, ICSTCC 2019	4		5.00
	BDI2	Kloetzer, M., Burlacu, A., Enescu, G., Caraiman, S., Mahulea, C., Optimal Indoor Goods Delivery Using Drones , IEEE International Conference on Emerging Technologies and Factory Automation, ETFA, 2019	5		4.00
	BDI3	Budaciu, C., Botezatu, N., Kloetzer, M., Burlacu, A., On the Evaluation of the Crazyflie Modular Quadcopter System , IEEE International Conference on Emerging Technologies and Factory Automation, ETFA, 2019	4		5.00
	BDI4	Stamate, C., Doroftei, I., Chirita, D., Burlacu, A., On designing an automated tool for capacitors removal from waste printed circuits boards , IOP Conference Series: Materials Science and Engineering, 2019	4		5.00
	BDI5	Birlutiu, A., Burlacu, A., Kadar, M., Onita, D., Defect detection in porcelain industry based on deep learning techniques , 19th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2017	4		5.00
	BDI6	Condurache D, Burlacu A, Wahba problem in SO(3) dual algebra, AIAA/AAS Astrodynamics Specialist Conference, 2016.	2		10.00
	BDI7	Condurache D, Burlacu A, Dual lie algebra representations of the rigid body motion, AIAA/AAS Astrodynamics Specialist Conference, 2014.	2		10.00
	BDI8	Burlacu A., Lazar C., Constraint-based design and simulation of visual predictive architectures, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012.	2		10.00
	BDI9	Kloetzer M, Magdici S, Burlacu A, Experimental platform and Matlab toolbox for planning mobile robots, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012	3		6.67
	BDI10	Maxim A., Lazar C., Burlacu A., Copot C., Robotic visual servoing system based on SIFT features, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012.	4		5.00
	BDI11	Lazar C, Burlacu A, Copot C, Predictive control architecture for visual servoing of robot manipulators, IFAC Proceedings Volumes, pp.9464-9469, 2011	3		6.67
	BDI12	Burlacu A., Obada M, Tiganas V, An image based visual servoing scheme for wheeled mobile robots, 15th Int. Conf. on System Theory, Control and Computing ICSTCC, 2011	3		6.67
	BDI13	Burlacu A., Copot C., Cervera E., Lazar C., Real-time visual predictive control of manipulation systems, 15th International Conference on Advanced Robotics: New Boundaries for Robotics, ICAR 2010	4		5.00
	BDI14	Burlacu A., Copot C., Lazar C., An Hausdorff distance based approach for evaluation of image moments in servoing applications, IEEE 6th Int. Conf. on Intelligent Computer Communication and Processing, ICCP, 2010	3		6.67
	Total A2.2				90.67
A2.3.1 Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale [5]	Bi1				
	Total A2.3.1			0	0.00
A2.3.2 Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale - OSIM	Bn1				0.00
	Total A2.2.1.			0	0.00
A2.4.1.1. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de	Pdi1				0.00
	Pdi2				0.00
	Pdi3				0.00

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
economie în valoare de minimum 10000 dolari USA echivalent încasați [6] - director/ responsabil partener - internațional	Pdi4				0.00
	Total A2.4.1.1				0.00
A2.4.1.2. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minimum 10000 dolari USA echivalent încasați [6] - director/ responsabil partener - național	Pdn1	"Algoritmi Vizuali de Percepție și Predicție pentru Estimarea Mișcării Vehiculelor Inteligente (VIPMOTION)", contract de cercetare câștigat în 2018 Competiția lansată de Autoritatea Contractantă UEFISCDI, în cadrul Planului PNCDI III, Programul 1-Dezvoltarea sistemului național de Cercetare-Dezvoltare, Subprogramul 1.1 - Proiecte de cercetare pentru stimularea tinerelor echipe independente (TE), sursa de finanțare TUIASI-GI-2018-2392, 12 luni	1		10.00
	Pdn2	"Algoritmi de procesare a imaginii pentru aplicații de urmarire a obiectelor în mișcare", contract de cercetare câștigat în 2007 în calitate de director de proiect în competiția tip Resurse Umane – Tineri Doctoranzi cu sursa de finanțare UEFISCU. Suma aprobată a fost în valoare de 28100 RON. Proiectul a fost pe o perioadă de 12 luni, contract nr. 554/1.10.2007, cod TD-130	1		10.00
	Total A2.4.1.2				20.00
A2.4.2.1. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minimum 10000 dolari USA echivalent încasați [6] -	Pmi1	Membru - "Sound of Vision", H2020 Grant no.643636, coordonator Conf. dr.ing.Simona Caraiman (2015-2018)	3		12.00
	Pmi2	Membru în cadrul proiectului bilateral – Conducerea predictivă și în regim cooperant a sistemelor complexe, parteneri Universitatea din Craiova, Ecole Supérieure de d'Electricite, Universitatea Tehnica Gheorghe Asachi din Iași, contract finanțare 306/27.04.2009	1		4.00
	Total A2.4.2.1				16.00
A2.4.2.2. Granturi/ proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minimum 10000 dolari USA echivalent încasați [6] - membru - național	Pmn1	Tehnologii inovative pentru recuperarea avansată a materialelor din deșeuri de echipamente informatice și de telecomunicații, PN-III-P1-1.2-PCCDI-2017-0652, 2018-2020	2		4.00
	Pmn2	Navigarea roboților mobili cooperativi în aplicații complexe, PN-III-P1-1.1-TE-2016-0737, 2018–2020	2		4.00
	Pmn3	Performanță prin postdoctorat pentru integrarea în aria europeană de cercetare, PERFORMERA POSDRU/89/1.5/S/57649.	3		6.00
	Pmn4	Îmbunătățirea procesului medical diagnostic-terapeutic prin folosirea unui sistem integrat de management al datelor clinico-paraclinice (USMED).	2		4.00
	Pmn5	Tehnici avansate bazate pe vedere artificială pentru conducerea roboților, Grant CNCISIS-TIP A, COD 232, 2007-2008	2		4.00
	Total A2.4.2.2				22.00

Data: 10.06.2021

Adrian Burlacu

Anexa 3. Tabel citări

Nr. crt.	Cod articol citat	Numar autori articol citat	Citări	Tip (Carte [8], ISI [8] sau BDI [4])	Punctaj
1	ISI2	2	Y-S Yang, Measurement of Dynamic Responses from Large Structural Tests by Analyzing Non-Synchronized Videos, <i>Sensors</i> , 19(16), pp.3520-3544, 2019 (Q1)	ISI	8.00
2	ISI3	3	Z Shao, F Yan, Z Zhou, X Zhu , Path planning for Multi-UAV formation rendezvous based on distributed cooperative particle swarm optimization, <i>Applied Sciences</i> , 9(13), 2621, 2019 (Q2)	ISI	5.33
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		3	Yang, Kailun; Wang, Kaiwei; Bergasa, Luis M.; et al., Unifying Terrain Awareness for the Visually Impaired through Real-Time Semantic Segmentation, <i>SENSORS</i> , Vol. 18, 2018, (Q1)	ISI	5.33
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4	ISI7	4	Kim, Geun-Jun; Kim, Dongwan; Kang, Bongsoon, Design and Implementation of Ground Plane Detection using Predefined Datasets and Space Geometric Analysis, <i>JOURNAL OF SEMICONDUCTOR TECHNOLOGY AND SCIENCE</i> Volume: 18 Issue: 4 Pages: 500-508, 2018	ISI	2.00
		4	Yang, Kailun; Wang, Kaiwei; Bergasa, Luis M.; et al., Unifying Terrain Awareness for the Visually Impaired through Real-Time Semantic Segmentation, <i>SENSORS</i> , Vol. 18, 2018, (Q1)	ISI	4.00
5	ISI8	10	Richardson, Michael; Thar, Jan; Alvarez, James; et al., How Much Spatial Information Is Lost in the Sensory Substitution Process? Comparing Visual, Tactile, and Auditory Approaches, <i>PERCEPTION</i> Volume: 48 Issue: 11 Pages: 1079-1103, 2019	ISI	0.80
		10	Islam, Md. Milon; Sadi, Muhammad Sheikh; Zamli, Kamal Z.; et al., Developing Walking Assistants for Visually Impaired People: A Review, <i>IEEE SENSORS JOURNAL</i> Volume: 19 Issue: 8 Pages: 2814-2828, 2019 (Q1)	ISI	1.60
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Nr. crt.	Cod articol citat	Numar autori articol citat	Citări	Tip (Carte [8], ISI [8] sau BDI [4])	Punctaj
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