

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	Ci1	Lupu Robert Gabriel, Ungureanu Florina, Ferche Oana, Moldoveanu Alin (2020). <b>Neuromotor Recovery Based on BCI, FES, Virtual Reality and Augmented Feedback for Upper Limbs</b> , pp 75–85, In: Guger, C., Allison, B.Z., Miller, K. (eds) Brain-Computer Interface Research - A State-of-the-Art Summary 10. SpringerBriefs in Electrical and Computer Engineering. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-49583-1_8">https://doi.org/10.1007/978-3-030-49583-1_8</a> , ISBN: 978-3-030-49582-4	4		6.25
	Ci2	Robert Gabriel Lupu, Andrei Stan, Florina Ungureanu, <b>Patient Monitoring: Wearable Device for Patient Monitoring</b> , Advances in Electrical Engineering and Computational Science Vol.39, Gelman, Len (Ed.), Springer Netherlands 2009, pp. 659-668, ISBN 978-90-481-2311-7, <a href="http://link.springer.com/chapter/10.1007%2F978-90-481-2311-7_56">http://link.springer.com/chapter/10.1007%2F978-90-481-2311-7_56</a> <a href="https://www.worldcat.org/title/405547867">https://www.worldcat.org/title/405547867</a>	3		8.33
	<b>Total A1.1.1</b>				
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	Cn1	Robert Gabriel Lupu, <b>Telemonitorizarea Medicală și Tehnologie Asistivă</b> , Editura Politehniun 2013, ISBN 978-973-621-407-3, nr. pagini: 160	1		50.00
	Cn2	Nicolae Botezatu, Simona Caraiman, Paul Herghelegiu, Robert Gabriel Lupu, Andrei Stan, <b>TRAVEE - Proiectarea arhitecturala</b> , pp. 85-123, nr. pagini 38, TRAVEE - studiu de caz - initierea unei cercetari ICT in recuperarea neuromotorie, Volum colectiv editat de Alin Moldoveanu, Bucuresti, Editura Printech 2014, 221 pagini, ISBN 978-606-23-0349-5	5		2.50
	Cn3	Nicolae Botezatu, Simona Caraiman, Paul Herghelegiu, Robert Gabriel Lupu, Andrei Stan, <b>TRAVEE - studiu alternativelor pentru echipamente și planul de achiziții</b> , pp. 155-195, nr. de pagini 40, TRAVEE - studiu de caz - initierea unei cercetari ICT in recuperarea neuromotorie, Volum colectiv editat de Alin Moldoveanu, Bucuresti, Editura Printech 2014, 221 pagini, ISBN 978-606-23-0349-5	5		2.50
	Cn4	Adrian Cotiriet, Andrei Zala, Elena Nechita, Elena Serban, Valentin Nedef, Nicolae Botezatu, Alexandru Archip, Daniel Dobreci, Robert Lupu, Paul Herghelegiu, <b>Monitorizarea la distanta a parametrilor vitali</b> , Alma Mater, 2015, ISBN: 978-606-527-511-9, 154 pagini	10		5.00
<b>Total A1.1.2</b>					<b>60.00</b>
A1.2.1. Material didactic / Lucrări didactice publicate în edituri cu ISBN	M1	Robert Gabriel Lupu, <b>Achizitia si prelucrarea datelor</b> , Editura Tehnopress, 2023, ISBN: 978-606-687-514-1, nr. pagini: 118	1		40.00
	<b>Total A1.2</b>				
A2.1. Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI	ISI1	Stefan-Daniel Achirei, Mihai-Cristian Heghea, Robert-Gabriel Lupu, and Vasile-Ion Manta, "Human Activity Recognition for Assisted Living Based on Scene Understanding," Applied Sciences, vol. 12, no. 21, p. 10743, Oct. 2022, doi: 10.3390/app122110743. (JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering))	4	2.838	27.54
	ISI2	Adrian Alexandrescu, Nicolae Botezatu and Robert Lupu, "Monitoring and processing of physiological and domotics parameters in an Internet of Things (IoT) assistive living environment," 2022 26th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2022, pp. 362-367, doi: 10.1109/ICSTCC55426.2022.9931865.	3	0.25	10.83
	ISI3	Cristian Tiberius Axinte, Ciprian Stamate, Robert-Gabriel Lupu, Alexandru Barleanu, Georgiana Juravle, <b>A Scalable Haptic Circuit for Multi-digit Grasps</b> , 13th International Conference on Human Haptic Sensing and Touch Enabled Computer Applications (EuroHaptics), MAY 22-25, 2022, Hamburg, GERMANY	5	0.302	6.81
	ISI4	Otilia Zvoristeanu, Simona Caraiman, Robert-Gabriel Lupu, Nicolae-Alexandru Botezatu, and Adrian Burlacu, "Sensory Substitution for the Visually Impaired: A Study on the Usability of the Sound of Vision System in Outdoor Environments," Electronics, vol. 10, no. 14, p. 1619, Jul. 2021, doi: 10.3390/electronics10141619. (JCR - Q2(Electrical and Electronic Engineering) CiteScore - Q2 (Electrical and Electronic Engineering))	5	2.69	21.14
	ISI5	Nicolae Botezatu, Aadrrian Alexandrescu, Simona Caraiman, Florina Ungureanu and Robert Lupu, "Sensing Architecture for a Nosocomial Infection Tracing System," 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), Iasi, Romania, 2021, pp. 378-383, doi: 10.1109/ICSTCC52150.2021.9607207.	5	0.25	6.50
	ISI6	Otilia Zvoristeanu, Stefan-Daniel Achirei, Nicolae-Alexandru Botezatu, Robert-Gabriel Lupu, Adrian Burlacu and Simona Caraiman, "On Improving Perception for Visually Impaired: Requirements, Research and Practicality," 2020 International Conference on e-Health and Bioengineering (EHB), Iasi, Romania, 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280265.	6	0.25	5.42

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	ISI7	Robert-Gabriel Lupu, Oana Mitruț, Andrei Stan, Florina Ungureanu, Kyriaki Kalimeri, and Alin Moldoveanu, "Cognitive and Affective Assessment of Navigation and Mobility Tasks for the Visually Impaired via Electroencephalography and Behavioral Signals," Sensors, vol. 20, no. 20, p. 5821, Oct. 2020, doi: 10.3390/s20205821. (JCR - Q2 (Instruments & Instrumentation) / CiteScore - Q1 (Instrumentation))	6	3.847	23.40
	ISI8	Stefan Daniel Achirei; Otilia Zvoristeanu; Adrian Alexandrescu; Nicolae Alexandru Botezatu; Andrei Stan; Cristian Rotariu; Robert Gabriel Lupu; Simona Caraiman A et al., "Remote Monitoring of Physiological Parameters used in Ambient Assistive Technologies," 2020 International Conference on e-Health and Bioengineering (EHB), Iasi, Romania, 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280249.	8	0.25	4.06
	ISI9	Stefan Daniel Achirei; Otilia Zvoristeanu; Adrian Alexandrescu; Nicolae Alexandru Botezatu; Andrei Stan; Cristian Rotariu; Robert Gabriel Lupu; , "SMARTCARE: On the Design of an IoT Based Solution for Assisted Living," 2020 International Conference on e-Health and Bioengineering (EHB), Iasi, Romania, 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280185.	8	0.25	4.06
	ISI10	Corina Cimpanu, Robert-Gabriel Lupu, Florina Ungureanu, Laboratory of Things: Virtual Laboratory for Signal Processing Experiments, 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, 11-12.04.2019, Bucharest, ROMANIA, DOI: 10.12753/2066-026X-19-033	3	0.25	10.83
	ISI11	Robert-Gabriel Lupu, Florina Ungureanu and Corina Cimpanu, "Brain-Computer Interface: Challenges and Research Perspectives," 2019 22nd International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2019, pp. 387-394, doi: 10.1109/CSCS.2019.00071.	3	0.25	10.83
	ISI12	Alin Moldoveanu; Oana-Maria Ferche; Florica Moldoveanu; Robert Gabriel Lupu; Delia Cintează; Danut Constantin Irimia; Corneliu Toader, "The TRAVEE System for a Multimodal Neuromotor Rehabilitation," in IEEE Access, vol. 7, pp. 8151-8171, 2019, doi: 10.1109/ACCESS.2018.2886271. JCR (Q2 - Computer Science, Information Systems in SCIE edition, Q2 - Engineering, Electrical & Electronic in SCIE edition, Q2 - Telecommunications in SCIE edition)	7	3.476	18.47
	ISI13	Florina Ungureanu, Robert-Gabriel Lupu and Andrei Rasvan Romila, "Experimental Analysis of Visual Cortex Activity - An EEG Study," 2019 22nd International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2019, pp. 223-227, doi: 10.1109/CSCS.2019.00044.	3	0.25	10.83
	ISI14	Adrian Burlacu; Simona Caraiman; Amalia Cozma; Ecaterina Dobrinu; Robert Lupu; Roxana Miron; Otilia Zvoristeanu, "Stereo vision based environment analysis and perception for autonomous driving applications," 2018 IEEE 14th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2018, pp. 281-286, doi: 10.1109/ICCP.2018.8516434.	7	0.25	4.64
	ISI15	Robert-Gabriel Lupu, Danut Constantin Irimia, Florina Ungureanu, Marian Silviu Poboroniuc, Alin Moldoveanu, BCI and FES Based Therapy for Stroke Rehabilitation Using VR Facilities, WIRELESS COMMUNICATIONS & MOBILE COMPUTING, 2018, DOI: 10.1155/2018/4798359	5	2.146	17.88
	ISI16	Radu Gabriel Bozomitu, Aalexandru Păsărică, Robert-Gabriel Lupu, Cristian Rotariu and Eugen Coca, "Pupil detection algorithm based on RANSAC procedure," 2017 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2017, pp. 1-4, doi: 10.1109/ISSCS.2017.8034891.	5	0.25	6.50
	ISI17	Maria Dascalu, Alin Moldoveanu, Oana Balan, Robert-Gabriel Lupu, Florina Ungureanu and Simona Caraiman, "Usability assessment of assistive technology for blind and visually impaired," 2017 E-Health and Bioengineering Conference (EHB), Sinaia, Romania, 2017, pp. 523-526, doi: 10.1109/EHB.2017.7995476.	6	0.25	5.42
	ISI18	Oana-Maria Ferche, Alin Moldoveanu, Maria Dascalu, Constanta Nicoleta Bodea, Robert Lupu, Danut Constantin Irimia, Florica Moldoveanu, "The TRAVEE neuromotor rehabilitation system: In-vivo testing," 2017 Zooming Innovation in Consumer Electronics International Conference (ZINC), Novi Sad, Serbia, 2017, pp. 30-33, doi: 10.1109/ZINC.2017.7968655.	7	0.25	4.64
	ISI19	Robert Gabriel Lupu; Paul Herghelegiu; Nicolae Botezatu; Alin Moldoveanu; Oana Ferche; Catalin Ilie; Ana-Maria Levinta, "Virtual reality system for stroke recovery for upper limbs using ARUCO markers," 2017 21st International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2017, pp. 548-552, doi: 10.1109/ICSTCC.2017.8107092.	7	0.25	4.64
	ISI20	Robert-Gabriel Lupu, Radu-Gabriel Bozomitu, Alexandru Păsărică and Cristian Rotariu, "Eye tracking user interface for Internet access used in assistive technology," 2017 E-Health and Bioengineering Conference (EHB), Sinaia, Romania, 2017, pp. 659-662, doi: 10.1109/EHB.2017.7995510.	4	0.25	8.13
	ISI21	Alin Dragos Bogdan Moldoveanu; Silviu Ivascu; Iulia Stanica; Maria-Iuliana Dascalu; Robert Lupu; Gabriel Ivanica; Oana Balan; Simona Caraiman; Florina Ungureanu; Florica Moldoveanu; Anca Morar, "Mastering an advanced sensory substitution device for visually impaired through innovative virtual training," 2017 IEEE 7th International Conference on Consumer Electronics - Berlin (ICCE-Berlin), Berlin, Germany, 2017, pp. 120-125, doi: 10.1109/ICCE-Berlin.2017.8210608.	11	0.25	2.95

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	ISI22	Florina Ungureanu, <b>Robert-Gabriel Lupu</b> , Simona Caraiman and Andrei Stan, "A Framework to Assess Cortical Activity of Visually Impaired Persons during Training with a Sensory Substitution Device," 2017 21st International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2017, pp. 199-206, doi: 10.1109/CSCS.2017.34.	4	0.25	8.13
	ISI23	<b>Robert-Gabriel Lupu</b> , Nicolae Botezatu, Florina Ungureanu, Daniel Ignat and Alin Moldoveanu, "Virtual reality based stroke recovery for upper limbs using leap motion," 2016 20th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2016, pp. 295-299, doi: 10.1109/ICSTCC.2016.7790681.	5	0.25	6.50
	ISI24	<b>Robert-Gabriel Lupu</b> , Florina Ungureanu and Andrei Stan, "A virtual reality system for post stroke recovery," 2016 20th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2016, pp. 300-305, doi: 10.1109/ICSTCC.2016.7790682.	3	0.25	10.83
	ISI25	Radu Gabriel Bozomitu, Alexandru Păsărică, Vlad Cehan, <b>Robert-Gabriel Lupu</b> , Cristian Rotariu and Eugen Coca, "Implementation of eye-tracking system based on circular Hough transform algorithm," 2015 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2015, pp. 1-4, doi: 10.1109/EHB.2015.7391384.	6	0.25	5.42
	ISI26	Radu Gabriel Bozomitu, Vlad Cehan, <b>Robert-Gabriel Lupu</b> , Cristian Rotariu and Constantin Barabașa, "A new technique for improving pupil detection algorithm," 2015 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2015, pp. 1-4, doi: 10.1109/ISSCS.2015.7203973.	5	0.25	6.50
	ISI27	Simona Caraiman, Andrei Stan, Nicolae Botezatu, Paul Hergelegiu, <b>Robert-Gabriel Lupu</b> and Alin Moldoveanu, "Architectural Design of a Real-Time Augmented Feedback System for Neuromotor Rehabilitation," 2015 20th International Conference on Control Systems and Computer Science, Bucharest, Romania, 2015, pp. 850-855, doi: 10.1109/CSCS.2015.106.	6	0.25	5.42
	ISI28	<b>Robert Gabriel Lupu</b> ; Radu Gabriel Bozomitu; Lucian Nita; Andrei Romila; Alexandru Pasarica; Dragos Arotaritei; Cristian Rotariu., "Medical professional end-device applications on Android for interacting with neuromotor disabled patients," 2015 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2015, pp. 1-4, doi: 10.1109/EHB.2015.7391539.	7	0.25	4.64
	ISI29	Lucian Niță, Radu Gabriel Bozomitu, Vlad Cehan, Cristian Rotariu and <b>Robert-Gabriel Lupu</b> , "Software for a bidirectional communication system for neuromotor disabled patients," 2015 38th International Spring Seminar on Electronics Technology (ISSE), Eger, Hungary, 2015, pp. 458-461, doi: 10.1109/ISSE.2015.7248040.	5	0.25	6.50
	ISI30	Lucian Nita, Radu Gabriel Bozomitu, <b>Robert-Gabriel Lupu</b> , Alexandru Pasarica and Cristian Rotariu, "Assistive communication system for patients with severe neuromotor disabilities," 2015 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2015, pp. 1-4, doi: 10.1109/EHB.2015.7391517.	5	0.25	6.50
	ISI31	Alexandru Păsărică, Radu Gabriel Bozomitu, Vlad Cehan, <b>Robert-Gabriel Lupu</b> and Cristian Rotariu, "Pupil detection algorithms for eye tracking applications," 2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging (SIITME), Brasov, Romania, 2015, pp. 161-164, doi: 10.1109/SIITME.2015.7342317.	5	0.25	6.50
	ISI32	Andrei Stan, Nicolae Botezatu and <b>Robert-Gabriel Lupu</b> , "The Design of a Scalable Haptic System Used for Impaired People Assistance," 2015 20th International Conference on Control Systems and Computer Science, Bucharest, Romania, 2015, pp. 863-866, doi: 10.1109/CSCS.2015.77.	3	0.25	10.83
	ISI33	Andrei Stan, Danut Constantin Irimia, Nicolae Alexandru Botezatu and <b>Robert-Gabriel Lupu</b> , "Controlling a hand orthosis by means of P300-based brain computer interface," 2015 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2015, pp. 1-4, doi: 10.1109/EHB.2015.7391389.	4	0.25	8.13
	ISI34	Florina Ungureanu, <b>Robert-Gabriel Lupu</b> , THE ASSESSMENT OF LEARNING EMOTIONAL STATE USING EEG HEADSETS, 11th International Scientific Conference on eLearning and Software for Education (eLSE), 23-24.04.2015, Bucharest, Romania	2	0.25	16.25
	ISI35	Radu Gabriel Bozomitu, Vlad Cehan, <b>Robert-Gabriel Lupu</b> and Cristian Rotariu, "New assistive technology for communicating with and telemonitoring disabled people," 2014 IEEE 20th International Symposium for Design and Technology in Electronic Packaging (SIITME), Bucharest, Romania, 2014, pp. 99-102, doi: 10.1109/SIITME.2014.6967002.	4	0.25	8.13
	ISI36	Radu Gabriel Bozomitu, Vlad Cehan and <b>Robert-Gabriel Lupu</b> , "A new CMOS differential input FM quadrature demodulator," Proceedings of the 2014 37th International Spring Seminar on Electronics Technology, Dresden, Germany, 2014, pp. 284-289, doi: 10.1109/ISSE.2014.6887609.	3	0.25	10.83
	ISI37	<b>Robert-Gabriel Lupu</b> , Florina Ungureanu, Radu Gabriel Bozomitu and Vlad Cehan, "Eye tracking performance improvement," 2014 18th International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2014, pp. 698-701, doi: 10.1109/ICSTCC.2014.6982499.	4	0.25	8.13
	ISI38	<b>Robert-Gabriel Lupu</b> , Florina Ungureanu, EYE TRACKING CAMERA MOUSE FOR ELEARNING SYSTEMS, 10th International Scientific Conference on eLearning and Software for Education, 24-25.04.2014, Bucharest, Romania	2	0.25	16.25

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	ISI39	Robert-Gabriel Lupu, Radu Gabriel Bozomitu, Vlad Cehan, Detection of Gaze Direction by Using Improved Eye-Tracking Technique, 37th International Spring Seminar on Electronics Technology (ISSE) - Advances in Electronic System Integration, 07-11.05.2014,Dresden, GERMANY	3	0.25	10.83
	ISI40	Nicolae Botezatu, Robert Lupu and Andrei Stan, "Energy-aware routing for e-health wireless sensor networks," 2013 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2013, pp. 1-4, doi: 10.1109/EHB.2013.6707248.	3	0.25	10.83
	ISI41	Robert-Gabriel Lupu, Florina Ungureanu and Valentin Siriteanu, "Eye tracking mouse for human computer interaction," 2013 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2013, pp. 1-4, doi: 10.1109/EHB.2013.6707244.	3	0.25	10.83
	ISI42	Robert-Gabriel Lupu, Radu Gabriel Bozomitu, Vlad Cehan and Dana Aanca Cehan, "A new computer-based technology for communicating with people with major neuro-locomotor disability using ocular electromyogram," Proceedings of the 2011 34th International Spring Seminar on Electronics Technology (ISSE), Tratarska Lomnica, Slovakia, 2011, pp. 442-446, doi: 10.1109/ISSE.2011.6053903.	4	0.25	8.13
	ISI43	Florina Ungureanu, Robert-Gabriel Lupu, Andrei Stan, Ioan Craciun, Carmen Teodosiu, TOWARDS REAL TIME MONITORING OF WATER QUALITY IN RIVER BASINS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol. 9, issue 9, sep 2010, DOI: 10.30638/eemj.2010.164	4	0.858	12.69
	ISI44	Andrei Stan, Lucian Panduru, Robert Lupu, Low power devices for gestural human - Computer interaction, Annals of DAAAM and Proceedings of the International DAAAM Symposium Pages 1287 - 1288, 2008 Annals of DAAAM for 2008 and 19th International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Next Generation of Intelligent Systems and Solutions"22 October 2008 through 25 October 2008, Code 106299	3	0.25	10.83
	ISI45	Robert-Gabriel Lupu, Andrei Stan, Florina Ungureanu, Wireless device for patient monitoring, WORLD CONGRESS ON ENGINEERING 2008, VOLS I-II, Imperial Coll London, London, ENGLAND, JUL 02-04, 2008	3	0.25	10.83
	ISI46	Florina Ungureanu, Robert-Gabriel Lupu, Daniela Popescu, Distributed monitoring arhitecture for district heating systems, Annals of DAAAM and Proceedings of the International DAAAM Symposium Pages 793 - 7942007 Annals of DAAAM for 2007 and 18th International DAAAM Symposium on Intelligent Manufacturing and Automation: Focus on Creativity, Responsibility, and Ethics of Engineers24 October 2007 through 27 October 2007Code 103205	3	0.25	10.83
	<b>Total A2.1</b>			<b>25.907</b>	<b>446.82</b>
<b>A2.2 Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) [4]</b> [4] Baze de date recunoscute: ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springlink, ACM (Association for Computing Machinery), DBLP, EURASIP, Wiley, Inspec	BDI1	Nicolae Alexandru Botezatu, Robert-Gabriel Lupu and Simona Caraiman, "On the Design of a Modular Wearable Solution for Assistive Technologies," 2022 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2022, pp. 1-4, doi: 10.1109/EHB55594.2022.9991635.	3		6.67
	BDI2	Corina Cimpanu, Robert-Gabriel Lupu, Florina Ungureanu, Tiberius Dumitriu, Virtual Learning Environments for Never-Ending Learning: A Survey, eLearning & Software for Education, vol. 2, 1.04.2020	4		5.00
	BDI3	Stefan Daniel Achirei; Otilia Zvoristeanu; Adrian Alexandrescu; Nicolae Alexandru Botezatu; Andrei Stan; Cristian Rotariu; Robert Gabriel Lupu, "SMARTCARE: On the Design of an IoT Based Solution for Assisted Living," 2020 International Conference on e-Health and Bioengineering (EHB), Iasi, Romania, 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280185.	8		2.50
	BDI4	Oana. Bălan; Maria-Luliana. Dascălu; Alin Moldoveanu; Simona Caraiman; Florina Ungureanu; Robert Lupu; Andrei Stan, "Brain activation during virtual and real-world mobility tasks with single and multimodal sensory input provided by an assistive navigational device for visually impaired people," 2018 25th Saint Petersburg International Conference on Integrated Navigation Systems (ICINS), St. Petersburg, Russia, 2018, pp. 1-6, doi: 10.23919/ICINS.2018.8405870.	7		2.86
	BDI5	Florina Ungureanu, Robert-Gabriel Lupu, Adrian Cadar and Adrian Prodan, "Neuromarketing and visual attention study using eye tracking techniques," 2017 21st International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania, 2017, pp. 553-557, doi: 10.1109/ICSTCC.2017.8107093.	4		5.00
	BDI6	Oana Maria Ferche, Alin Moldoveanu, Florica Moldoveanu, Iuliana Dascălu, Robert-Gabriel Lupu, C.N. Bodea, Deep Understanding of Augmented Feedback and Associated Cortical Activations, for Efficient Virtual Reality Based Neuromotor Rehabilitation, Rev. Roum. Sci. Techn.-Électrotechn. et Énerg, vol. 63, issue 2, 2017	6		3.33
	BDI7	Robert-Gabriel Lupu, Florina Ungureanu and Radu Gabriel Bozomitu, "Mobile embedded system for human computer communication in assistive technology," 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, 2012, pp. 209-212, doi: 10.1109/ICCP.2012.6356187.	3		6.67
	BDI8	Radu Gabriel Bozomitu, Constantin Barabașa, Vlad Cehan and Robert-Gabriel Lupu, "The hardware component of the technology used to communicate with people with major neuro-locomotor disability using ocular electromyogram," 2011 IEEE 17th International Symposium for Design and Technology in Electronic Packaging (SIITME), Timisoara, Romania, 2011, pp. 193-196, doi: 10.1109/SIITME.2011.6102716.	4		5.00

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A2.3.1 Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale [5]	BDI9	Dana Anca Cehan, Robert Lupu, Vlad Cehan and Radu Gabriel Bozomitu, "Key-word data base used in communication system with disabled people," 2011 IEEE 17th International Symposium for Design and Technology in Electronic Packaging (SIITME), Timisoara, Romania, 2011, pp. 365-368, doi: 10.1109/SIITME.2011.6102753.	4		5.00	
	BDI10	Robert-Gabriel Lupu, Radu Gabriel Bozomitu, Florina Ungureanu and Vlad Cehan, "Eye tracking based communication system for patient with major neuro-locomotor disabilities," 15th International Conference on System Theory, Control and Computing, Sinaia, Romania, 2011, pp. 1-5.	4		5.00	
	BDI11	Andrei Stan, Robert Lupu, Maria Ciorap, Radu Ciorap (2010). Biosignal Monitoring and Processing for Management of Hypertension. In: Bamidis, P. D., Pallikarakis, N. (eds) XII Mediterranean Conference on Medical and Biological Engineering and Computing 2010. IFMBE Proceedings, vol 29. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-13039-7_135	4		5.00	
		<b>Total A2.2</b>				<b>52.02</b>
	Bi1	<b>Total A2.3.1</b>			<b>0</b>	<b>0.00</b>
	Bn1					0.00
		<b>Total A2.2.1.</b>			<b>0</b>	<b>0.00</b>
	A2.4.1.1. 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 - internațional	Pdi1				0.00
		Pdi2				0.00
		Pdi3				0.00
	Pdi4				0.00	
	<b>Total A2.4.1.1</b>				<b>0.00</b>	
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	Terapeut Virtual prin Feedback Augmentat pentru Recuperare Neuromotorie" - TRAVEE, PNCDI-2, 1-2014 – 2016, buget 250000 RON,	3		30.00	
	Pdn2	Sistem Integrat de Prevenire a Propagării Infecțiilor Intraspitalicești - PREVENT, 24PTE/2020, PN-III-P2-2.1-PTE-2019-0769	2		20.00	
	Pdn3	Terapeut Virtual prin Feedback Augmentat pentru Recuperarea Neuromotorie, PN-III-P2-2.1-PTE-2021-0634	2		20.00	
	Pdn4	Studiu privind modalitatea de detecție și procesare a semnalului generat în procesul de ardere a unui amestec de gaz și analiza privind dependența dintre curentul de ionizare a unui arzător și topologia camerei de ardere - DEPRIZ	3		30.00	
	<b>Total A2.4.1.2</b>				<b>100.00</b>	
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] - membru - național	Pmi1	Membu - "Sound of Vision", H2020 Grant no.643636, coordonator Conf. dr.ing.Simona Caraiman (2015-2018)	2		8.00	
	Pmi2	Fighting disinformation using decentralized actors featuring AI and blockchain technologies, Horizon 2020 – Research and Innovation Programme, grant nr. 957228	1		4.00	
					<b>12.00</b>	
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	Platforma integrativa pentru solutii de asistenta pentru autonomie la domiciliu - SMARTCARE, 42PTE/2020, PN-III-P2-2.1-PTE-2019-0756 - director responsabil Simona Caraiman	2		4.00	
	Pmn2	Substitutie senzoriala audio-haptica naturalista, accesibila si ergonomica pentru nevăzatori - SoVLite, 34PTE/2020, PN-III-P2-2.1-PTE-2019-0810 - director responsabil Simona Caraiman	2		4.00	
	Pmn3	Proiect de transfer la operatorul economic nr. 19/2020, Cod proiect: PN-III-P2-2.1-PTE-2019-0731, cu titlul Dezvoltarea unui sistem logistic inteligent utilizând roboți mobili omnidirecționali autonomi, acronim „ROSY-LOGISTIC”	2		4.00	
	Pmn4	SISTEM INTEGRAT DE ASISTARE PENTRU COMUNICARE ȘI TELEMONITORIZARE DESTINAT PERSOANELOR CU HANDICAP NEUROLOCOMOTOR SEVER, SIACT, PN II, 21/2014 - 2016, director conf.dr.ing. Bozomitu Radu,	3		6.00	
	Pmn5	SISTEM DE MONITORIZARE ȘI ASISTENȚĂ PENTRU PERSOANE CU NEVOI SPECIALE - SIMAPS, 2014, responsabil conf.dr.ing. Șerban Elena	2		4.00	
	Pmn6	„SIMPA – Soluție integrată e-health de monitorizare a parametrilor vitali la pacienții cu afecțiuni cronice”, Contract tip PNCDI II, nr. 11-070/2007	2		4.00	
	Pmn7	„ASISTSYS – Sistem integrat de asistare pentru pacienții cu afecțiuni neurolocomotorii severe”, Contract PNCDI II, nr. 12-122/2008	3		6.00	

Categorie / subcategorie	Cod	Autori, Titlul lucrării, Editura, revista sau conferința, pagini, anul apariției	Nr. autori / Nr. ani	Fi (actual)	Punctaj
	Pmn8	Sistem informatic pentru controlul si verificarea autenticitatii produselor - PNII Parteneriate 12-082/2008, director prof.dr.ing. Vlad Cehan	2		4.00
	Pmn9	Sistem suport tehnico-decizional pentru managementul durabil al apei (STEDIWAT) PNII 32-125/2008, director prof.dr.ing. Carmen Teodosiu	2		4.00
	Pmn10	TELEMON – Sistem integrat de telemonitorizare in timp real a pacientilor si persoanelor in varsta, PNCD II, nr. 10067 / 14.09.2007	2		4.00
<b>Total A2.4.2.2</b>					<b>44.00</b>

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Robert Gabriel Lupu