


**STANDARDELE MINIMALE, NECESARE ȘI OBLIGATORII
PENTRU ÎNSCRIERE LA EXAMENUL DE PROMOVARE**

 pentru titlul didactic de **Conferențiar universitar**

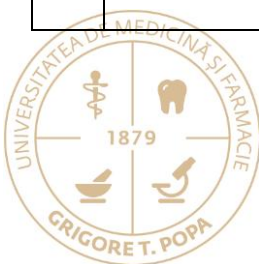
Candidat Șef Lucrări dr. Habil TURNEA Marius-Alexandru

Pentru celelalte domenii, se aplică standardele minimale, necesare și obligatorii, conform OMEN nr.6129/2016, în concordanță cu specificul postului scos pentru promovare.

Nu sunt luate în considerare adeverințele de accept de publicare.

Anexa nr. 17 - COMISIA INGINERIE MECANICĂ, MECATRONICĂ ȘI ROBOTICĂ
STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE - DEZVOLTARE⁽¹⁾

Nr.	Domeniul activităților	Rezultatele activităților	Subcategorii			Indicatori
1	Activitatea didactică și profesională - DID (A1)	Manuale suport de curs (conform fișei disciplinei de concurs)	A1.1	Format tipărit/electronic ⁽²⁾ (min. 100 pag.)	Coordonator/prim autor	N1.1 = număr
					Co-autor	N1.2 = număr
				Format electronic disponibil pe platforma universității (autor)		N1.3 = număr
		Material didactic /Dezvoltare laboratoare, aplicații	A1.2	Standuri laborator (construcție/modernizări) certificate de directorul de departament		N2.1 = număr
				Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)		N2.2 = număr
				Aplicație informatică educațională		N2.3 = număr
		Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS) ⁽³⁾ , unde n = nr.de autori și FI este factorul de impact ⁽⁴⁾	A2.1	Autor corespondent / prim autor	n ≤ 3	P1.1 = 2·(0,2 + FI)
					n ≥ 4	P1.2 = 2·3·(0,2 + FI)/n
				Co-autor	n ≤ 3	P1.3 = 0,2 + FI



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2	Activitatea de cercetare științifică, dezvoltare tehnologică și inovare - CDI (A2)				n ≥ 4	$P1.4 = 3 \cdot (0.2 + FI)/n$
		Articole și publicații științifice BDI ⁽⁵⁾ neincluse la A2.1	A2.2	Autor corespondent/prim autor		N3.1 = număr
				Co-autor		N3.2 = număr
		Brevete de invenții indexate ⁽⁶⁾	A2.3.	Internaționale indexate în Web of Science – Derwent Innovation		P2.1 = același calcul cu A2.1 și FI = 2
				Naționale indexate OSIM		P2.2 = același calcul cu A2.1 și FI = 0,5
		Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)	A2.4	Coordonator/prim autor		N4.1 = număr
				Co-autor		N4.2 = număr
		Monografii/cărți de specialitate ⁽²⁾ , format tipărit/electronic (min. 100 pag.)	A2.5	Coordonator/prim autor		N4.3 = număr
				Co-autor		N4.4 = număr
3	Recunoașterea și impactul activității - RIA (A3)	Atragere resurse financiare prin granturi/proiecte/contracte terți	A3.1	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională		S1 ⁽⁷⁾ = sumă echivalență în mii Euro ⁽⁹⁾
				Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți		S2 ⁽⁸⁾ = sumă echivalență în mii Euro ⁽⁹⁾
		Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat	A3.2	Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate		N5 = număr
		Citări în publicații BDI ⁽⁵⁾ (se exclud autocitările)	A3.3.	C1 = numărul de citări S _{FI} = suma factorilor de impact al publicațiilor WOS în care apar citările		C = C1 + S _{FI}

¹ Intră în vigoare din anul universitar academic 2018/2019. Pentru anul academic 2017/2018 rămân valabile standardele aflate în vigoare la data de 03.10.2016.

² Publicația este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective.

³ Se exclud publicațiile conferințelor DAAAM și WSEAS.

⁴ FI este factorul de impact al revistei la data înscrierii la concurs sau la data publicării articolului (cel mai avantajos pentru candidat). Se iau în considerare la această categorie numai revistele cu factor de impact la data publicării articolului. O revistă WOS este echivalentă cu o revistă cotate ISI cf. Ordinului de Ministru (MECTS) Nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea I, Nr. 448/27.VI.2011.

⁵ Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) și SCOPUS.

⁶ Un brevet se poate încadra la o singură categorie.

⁷ Suma din grant/proiect încasată de instituție repartizată echipei din care directorul de grant/responsabil partener face parte (S1 include cheltuieli de: personal, logistică, deplasări, indirecte).

⁸ Suma din grant/proiecte câștigate prin concurs național/internațional și proiecte/contracte terți încasată de instituție și repartizată de director/responsabil persoanei respective (S2 include cheltuieli de: personal, logistică, deplasări, indirecte).

⁹ Pentru contractele derulate înainte de 01.01.1999 se va considera echivalarea: 1 EURO = 1 \$ USA.

Condiții minimele și obligatorii						
Domeniul de activitate		Indicatori	Conferențiar	Profesor	CSII	CSI
Activitatea didactică / profesională (A1)	A1.1	N1	2	2	Nu se aplică	Nu se aplică
		N1.1	-	1		
		N1.3	1	1		
	A1.2	N2	3	4		
		N2.1	1	2		
Activitatea de cercetare (A2)	A2.1 + A2.3	P1+P2	5	10	5	10
		P1	3	6	2	4
	A2.2	N3	8	10	8	10
		N3.1	3	5	3	5
	A2.4 + A2.5	N4	1	2	1	2
		N4.3	0	1	0	1
Recunoașterea impactului activității (A3)	A3.1	S1 + S2	10	50	10	50
	A3.2	N5	5	10	5	10
	A3.3	C	10	25	10	25

unde:

$$P1 = P1.1 + P1.2 + P1.3 + P1.4; P2 = P2.1 + P2.2;$$

$$N1 = N1.1 + N1.2; N2 = N2.1 + N2.2 + N2.3; N3 = N3.1 + N3.2;$$

$$N4 = N4.1 + N4.2 + N4.3 + N4.$$

	A1. Activitatea didactică și profesională	Cerințe	Realizări	Îndeplinire
A 1.1	Indicator N1	2	5	250%
	Indicator N1.1	-	1	100%
	Indicator N1.3	1	4	400%
A1.2	Indicator N2	3	8	266.66%
	Indicator N2.1	1	3	300%

	A1. Activitatea didactică și profesională	Cerințe	Realizări	Îndeplinire
A2.1+A2.3	Indicator P1+P2	5	24.379	487.58%
	Indicator P1	3	14.836	494.53%
A2.2	Indicator N3	8	24	300%
	Indicator N3.1	3	6	200%
A2.4+A2.5	Indicator N4	1	23	2300%
	Indicator N4.3	0	2	200%

	A3. Recunoașterea impactului activității	Cerințe	Realizări	Îndeplinire
A3.1	Indicator S1+S2	10000	57892.72	115.785%
A3.2	Indicator N5	5	35	700%
A3.2	Indicator C	10	142.86	1428.60%

Indicator	A1.1 Manuale support de curs- Format tipărit electronic
N1.1	
1	M. Turnea, A. Gheorghită, M. Ilea, <i>Modelare și Simulare în Bioinginerie</i> , Editura „ Gr. T. Popa” Iași, ISBN 978-630-345-021-6, 2024
N1.2	
1	P. Postolache, A. Gheorghită, M. Turnea, R. Gatman, <i>Dispozitive medicale în medicină internă</i> , Editura ”Gr. T. Popa” Iași, ISBN: 978-630-345-020-9, 2024
2	M. Ilea, M. Turnea, D. Arotaritei, M. Popescu, <i>Ecuatii diferențiale integrabile prin cuadraturi cu aplicații în științele biomedicale</i> , Editura „ Gr. T. Popa” Iași, ISBN 978-606-544-375-4, 2016
3	M. Ilea, M. Turnea, D. Arotaritei, M. Popescu, <i>Ecuatii diferențiale ordinare cu aplicații în bioinginerie și medicină</i> , Editura „ Gr. T. Popa” Iași, ISBN 978-606-544-228-3, 2014.
4	M. Ilea, M. Turnea, <i>Elemente de algebră liniară și geometrie analitică</i> , Ed. Venus, ISBN:973-8174-57-0, 2002
N1.3	
1	Modelare și Simulare în Bioinginerie https://umfis.sharepoint.com/suporturi-curs/Facultatea%20de%20Bioinginerie%20Medicala/Forms/AllItems.aspx?id=%2Fsuporturi%2Dcurs%2FFacultatea%20de%20Bioinginerie%20Medicala%2FMODELARE%20SI%20SIMULARE%20IN%20BIOINGINERIE%28BIM2%29%2DRO&viewid=e0293140%2Dcb63%2D401c%2Db040%2D791ea0f2469c
2	Limba de programare https://umfis.sharepoint.com/suporturi-curs/Facultatea%20de%20Bioinginerie%20Medicala/Forms/AllItems.aspx?id=%2Fsuporturi%2Dcurs%2FFacultatea%20de%20Bioinginerie%20Medicala%2FLIMBAJE%20DE%20PROGRAMARE%28BIM2%29%2DRO&viewid=e0293140%2Dcb63%2D401c%2Db040%2D791ea0f2469c
3	Tehnici Computerizate de Monitorizare și Control a Bioprocесelor https://umfis.sharepoint.com/suporturi-curs/Cursuri/Forms/AllItems.aspx
4	Echipamente pentru Biosinteză. Optimizarea bioprocесelor https://umfis.sharepoint.com/suporturi-curs/Cursuri/Forms/AllItems.aspx?id=%2Fsuporturi%2Dcurs%2FCursuri%2F%5BBIM%20%2D%20MAST%5FBIO%5FMAT%20%2D%201%5D%20ECHIPAMENTE%20PENTRU%20BIOSINTEZA%2E%20OPTIMIZAREA%20BIOPROCESELOR&viewid=6c434187%2D0f8d%2D475c%2Da3ba%2D28d8e0b4b0a6
Indicator	A1.2 Material didactic/ Dezvoltare laboratoare, aplicații
N2.1	
	Dispozitiv pentru monitorizarea variațiilor termice musculare asociate mișcărilor mecanice ale membrelor inferioare
	Explorarea cinematicii mișcării membrului superior folosind brațul robotic
	Dispozitiv de recuperare a mișcărilor mâinii folosind tehnici biomecanice și de procesare a semnalelor
N2.3	
	Interfață grafică a unor sisteme compartimentale de urmărire a parametrilor biomecanici (sisteme de tip MSEIR)

	Interfață grafică pentru modelarea și optimizarea sistemelor cu rotoare multiple în bioreactoare
	Sistem de recunoaștere video a mișcării mâinii pentru controlul cursorului în aplicațiile de asistență medicală
	Interfață grafică pentru evaluarea parametrilor mecanici ai ansamblului lagăr-rulmenți
	Interfață grafică pentru modelarea și simularea arhitecturii vasculare la nivelul teritoriului aortic terminal

Indicator	A2.1 Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS)	Baze de date	Factor de impact	Punctaj
P1				24.379
P1.1+P1.2				14.836
1	M Turnea, C Mucileanu, I Duduca, M Rotariu, <i>Mechanical Modeling of the Premolar: Numerical Analysis of Stress Distribution Under Masticatory Forces</i> , Applied Sciences-Basel, Vol.15(10), Article Number 5371, 2025, DOI10.3390/app15105371 (IF 2.5-Q2) https://www.mdpi.com/2076-3417/15/10/5371 $P1.2=2*3*(0.2+FI)/n=2*3*2.7/4=4.05$		2.5	4.05
2	M. Turnea, A. Gheorghita, I. Duduca, M. Rotariu, <i>A New Approach for Quantification of Finger Angles with Applications in Rehabilitation and Medical Assessment</i> , Balneo and PRM Research Journal, Vol.16(1), Article Number 766, doi.org/ 10.12680/balneo.2025.766 (IF 1.1-Q3) https://bioclima.ro/Balneo766.pdf $P1.2=2*3*(0.2+FI)/n=2*3*1.3/4=1.95$	WOS	1.1	1.95
3	M. Turnea, A. Gheorghita, M. Rotariu, M Ilea, D. Arotaritei, I. Duduca, I Condurache, <i>A Deep Learning Approach for Classification of Physiotherapy Exercises Using Segmentation of Techniques</i> , Balneo and PRM Research Journal, Vol.15(2), Article Number 708, 2024 DOI10.12680/balneo.2024.708 (IF 1.1-Q3) https://bioclima.ro/Balneo708.pdf $P1.2=2*3*(0.2+FI)/n=2*3*1.3/7=1.114$	WOS	1.1	1,114
4	D. Arotaritei, M. Rotariu, M. Ilea, M. Turnea, C. Ionite, I. Condurache, A. Gheorghita, <i>Complexity measures, an analysis for electromyography and its possible application to spinal cord injuries</i> , Signa Vitae Journal, Vol. 19(1), pp. 65-76, 2023, DOI10.22514/sv.2022.031 (IF 0,907-Q4) <i>Autor corespondent</i> https://oss.signavitae.com/mre-signavitae/article/20230109-280/pdf/SV2021112102.pdf $P1.2=2*3*(0.2+FI)/n=2*3*1.2/7=0.949$	WOS	1.0	1.02

5	I. Condurache, M. Turnea, M. Rotariu, <i>Improving functional and motor capacity through means/resources and methods specific to aquatic activities</i>, Balneo and Research Journal, Volume12, Issue1, pp. 27-30, DOI10.12680/balneo.2021.414, 2021 (IF 0.7-Q4) Autor corespondent https://bioclima.ro/Balneo414.pdf $P1.1=2*(0.2+FI)=2*0.9=1.8$	WOS	0.7	1.8
6	M. Rotariu, G. Rata, M. Turnea, C. Ionite, <i>Effects of Kinetic Means in Recovering Pubalgic Syndrome to football players</i>, Balneo Research Journal, Vol.11, No.3, pp. 304-309, 2020 (IF 0.7-Q4) Autor corespondent https://bioclima.ro/Balneo357.pdf $P1.2=2*3*(0.2+FI)/n=2*3*0.9/4=1.35$	WOS	0.7	1.35
7	M. Rotariu, M. Turnea, C. Ionite, <i>A different approach to the use of elastic bands in the recovery of lower lumbar discopathy</i>, Balneo Research Journal, Vol. 10 (3), 213-217, 2019, DOI10.12680/balneo.2019.259 (IF 0.7-Q4) Autor corespondent https://bioclima.ro/Balneo259.pdf $P1.1=2*(0.2+FI)=2*0.9=1.8$	WOS	0.7	1.8
8	M. Turnea, M. Rotariu, M. Ilea, D. Arotaritei, <i>Mathematical model of sickness due to altitude decompression using genetic programming. A meta-analysis perspective</i>, Journal of Science and Arts, Issue 3 (48), pp. 783-792, 2019 (IF 0.4-Q3) https://www.josa.ro/docs/josa_2019_3/c_04_Turnea_777-786_10p.pdf $P1.2=2*3*(0.2+FI)/n=2*3*0.5/4=0.9$	WOS	0.3	0.75
9	M. Turnea, M. Ilea, D. Boldureanu, M. Rotariu, <i>Numerical Simulations of Blunt-Prosthesis-Rod Complex</i>, Metalurgia International, Vol.17(11), pp. 94-99, 2012 (IF 0.103-Q4) https://www.researchgate.net/publication/295634769_NUMERICAL_SIMULATIONS_OF_BLUNT-PROSTHESIS-ROD_COMPLEX $P1.2=2*3*(0.2+FI)/n=2*3*0.334/4=0.501$	WOS	0.134	0.501
10	M. Turnea, M. Ilea, D. Boldureanu, M. Rotariu, <i>Mathematical Modeling of Blunt-Prosthesis Systems</i>, Metalurgia International, Vol.17(5), pp. 208-215, 2012 (IF 0.103-Q4) https://www.researchgate.net/publication/290289891_Mathematical_modeling_of_blunt_-_Prosthesis_systems $P1.2=2*3*(0.2+FI)/n=2*3*0.334/4=0.501$	WOS	0.134	0.501

P1.3+P1.4				9.543
1	A. Gheorghita, C. Ionite, M. Rotariu, M. Turnea, D. Arotaritei, M. Ilea, I. Condurache, <i>Study comparing the vibrations recorded by professional and non-professional male athletes in winter sports, skiing vs. snowboarding</i> , Journal of Mens Health, Vol.19(4), pp. 11-25, 2023, DOI10.22514/jomh.2023.032 (IF 0.6-Q4) https://www.jomh.org/articles/10.22514/jomh.2023.032 $P1.4=3*(0.2+FI)/n=3*0.8/7=0.343$	WOS	0.6	0.343
2	C. Ionite, M. Rotariu, M Turnea, M Ilea, I. Condurache, <i>A Review about the Effectiveness of Virtual Therapy in the Recovery of Patients with Spinal Cord Injuries</i> , Journal of Mens Health, Vol.18, Issue 8, pp.1-12, DOI10.31083/j.jomh1808160, 2022 (IF 0.7-Q4) https://www.jomh.org/articles/10.31083/j.jomh1808160 $P1.4=3*(0.2+FI)/n=3*0.9/5=0.54$	WOS	0.7	0.54
3	C. Ionite, M. Turnea, M. Ilea, M. Rotariu, <i>Statistical study of changes in motor quality (speed) following a moderate beer consumption</i> , Journal of Mens Health, Vol.17(3), pp. 110-120, DOI10.31083/jomh.2021.017, 2021 (IF 0.789-Q4) https://www.jomh.org/articles/10.31083/jomh.2021.017 $P1.4=3*(0.2+FI)/n=3*0.989/4=0.742$	WOS	0.789	0.742
4	C. Ciobanu, A. Tucaliuc, D. Cascaval, M. Turnea, Al Galaction, <i>Correlation Between Aeration and Ergosterol Production by Yeasts</i> , Environmental Engineering and Management Journal, Vol.18, Issue12, pp. 2747-2756, 2019 (IF 0.9-Q4) http://www.eemj.icpm.tuiasi.ro/pdfs/vol18/no12/20_466_Ciobanu_19.pdf https://www.researchgate.net/publication/339735844_CORRELATION_BETWEEN_AERATION_AND_ERGOSTEROL_PRODUCTION_BY_YEASTS $P1.4=3*(0.2+FI)/n=3*1.1/5=0.66$	WOS	0.9	0.66
5	D. Arotaritei, M. Rotariu, M. Ilea, M. Turnea, <i>A proposal for fuzzy neural network in generalized fuzzy numbers framework using function principle</i> , Journal of Science and Arts, Vol. 3(48) pp. 765-774, 2019, (IF 0.3-Q3) https://www.josa.ro/docs/josa_2019_3/c_02_Arotaritei_765-774_10p.pdf $P1.4=3*(0.2+FI)/n=3*0.5/4=0.375$	WOS	0.4	0.375
6	M. Rotariu, M. Turnea, M. Ilea, D. Arotaritei, AC Ionite, A. Gheorghita, <i>Statistical Analysis and Simulation of Orthostatic Position by Means of the Pedometer in Patients with Hyperkyphosis</i> , Revista de Cercetare si Interventie Sociala, Vol.59, pages: 209-221, 2017 (IF 0.838-Q4)	WOS	0.838	0.519

	https://www.rcis.ro/images/documente/rcis59_14.pdf $P1.4=3*(0.2+FI)/n=3*1.038/6=0.519$			
7	D. Arotaritei, M. Ilea, M. Turnea, M. Rotariu, R. Filep, M. Popescu, <i>Measurement of Dynamic Solicited Area, A Proposal of Objective Measure for Comfort Evaluation in Transtibial Prosthetics</i> , Medical Surgical Journal, Vol. 121(1), pp. 199-205, 2017 (IF 0.1-Q4) https://www.revmedchir.ro/index.php/revmedchir/article/view/154/126 $P1.4=3*(0.2+FI)/n=3*0.3/6=0.15$	WOS	0.1	0.15
8	R. Filep, M. Ilea, M. Turnea, D. Arotaritei, M. Rotariu, M. Popescu, <i>Combined Effect of Thermal Load and Mechanical Load in Transtibial Prosthesis. An Empirical Study</i> , Medical Surgical Journal, Vol.120(1), pp. 186-191, 2016 (IF 0.1-Q4) https://pubmed.ncbi.nlm.nih.gov/27125094/ $P1.4=3*(0.2+FI)/n=3*0.3/6=0.15$	WOS	0.1	0.15
9	M. Rotariu, R. Filep, M. Turnea, M. Ilea, D. Arotaritei, M. Popescu, <i>Analyses of Socket-Prosthesis-Blunt Complex for Lower Limb using Objective Measure of Patient's Gait Cycle</i> , Medical Surgical Journal, Vol.119(1), pp. 281-286, 2015 (IF 0.1-Q4) https://pubmed.ncbi.nlm.nih.gov/25970979/ $P1.4=3*(0.2+FI)/n=3*0.3/6=0.15$	WOS	0.1	0.15
10	M. Ilea, M. Turnea, M. Rotariu, D. Arotaritei, M. Popescu, <i>Taguchi Method for Partial Differential Equations with Applications in Tumor Growth</i> , Medical Surgical Journal, Vol.118(2), pp.571-574, 2014 (IF 0.1-Q4) https://www.researchgate.net/publication/264394548_Taguchi_method_for_partial_differential_equations_with_application_in_tumor_growth $P1.4=3*(0.2+FI)/n=3*0.3/5=0.18$	WOS	0.1	0.18
11	M. Ilea, M. Turnea, M. Rotariu, <i>Ordinary Differential Equations with Applications in Molecular Biology</i> , Medical Surgical Journal, Vol.116(1), pp.347-352, 2012 (IF 0.1-Q4) https://www.researchgate.net/publication/232318504_Ordinary_differential_equations_with_applications_in_molecular_biology $P1.3=0.2+FI=0.3$	WOS	0.1	0.3
12	C. Corciova, M. Turnea, D. Matei, D. Andritoi, <i>Evaluation of Cardiac Parameters using Electrical Impedance Plethysmography</i> , Medical Surgical Journal, Vol.116(3), pp. 927-932, 2012 (IF 0.1-Q4) https://pubmed.ncbi.nlm.nih.gov/23272554/ $P1.4=3*(0.2+FI)/n=3*0.3/4=0.225$	WOS	0.1	0.225
13	D. Cascaval, Al Galaction, R. Rotaru, M. Turnea, <i>Study on the Mixing Efficiency in a Basket Bioreactor with Immobilized Yeasts Cells</i> , Environmental Engineering and Management	WOS	1.004	0.903

	Journal, Vol. 10(5), pp.711-716, 2011 DOI:10.30638/eemj.2011.095 (IF 1.004-Q4) http://www.eemj.icpm.tuiasi.ro/pdfs/vol10/no5/15_51_Cascaval_11.pdf $P1.4=3*(0.2+FI)/n=3*1.204/4=0.903$			
14	M. Ciorap, C. Corciova, M. Turnea, V. David, <i>Brain Electrical Activity Recording in Some Electromagnetic Environments</i> , Environmental Engineering and Management Journal, Vol. 10(4), pp. 535-544, 2011 DOI: 10.30638/eemj.2011.075 (IF 1.004-Q4) http://www.eemj.icpm.tuiasi.ro/pdfs/vol10/no4/10_173_Ciorap_11.pdf $P1.4=3*(0.2+FI)/n=3*1.204/4=0.903$	WOS	1.004	0.903
15	D. Cascaval, Al Galaction, M. Turnea, <i>Study of the influence of solute and carrier characteristics on facilitated pertraction mechanism in pseudosteady-state conditions</i> , Journal of Membrane Science, Vol. 328(1-2), pp.228-237, 2009 DOI:10.1016/j.memsci.2008.12.011 (IF 3.203-Q1) https://www.sciencedirect.com/science/article/abs/pii/S0376738808010375 $P1.3=0.2+FI=3.403$	WOS	3.203	3.403

Indicator	A2.2 Articole și publicații științifice BDI neincluse la A2.1	Baze de date	Punctaj
N3=N3.1+N3.2			24
N3.1			6
1	M. Turnea, A. Dragos, R. Fuior, <i>Intelligent algorithms with selection of hyperparameters for e-health applications powered by 5G wireless networks</i> , The 16th International Scientific Conference eLearning and Software for Education Bucuresti, April 22-23, Vol. 3, pp. 260-266, 2020, DOI 10.12753/2066-026X-20-205 https://proceedings.elseconference.eu/index.php?r=site/index&year=2020&index=papers&vol=37&paper=7875119f966b192cf7a20d589016e3fb	Scopus	1
2	M. Turnea, C. Corciova, M. Ilea, M. Rotariu, <i>The mathematical modelling of the microbial growth process</i> , 15th International Scientific Conference on eLearning and Software for Education, eLSE 2019, Vol.3, pp. 339-345, 2019 DOI:10.12753/2066-026X-19-184 https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=papers&vol=34&paper=055beb864e0955b1f00a4a7df96947cf	Scopus	1
3	M. Turnea, M. Rotariu, D. Arotaritei, M. Ilea, <i>Modeling and simulation keloid scar formation from biphasic contact blunt-prosthesis</i> , Applied Mechanics and Materials, Vol.658, pp.489 - 494, 2014 DOI:10.4028/www.scientific.net/AMM.658.489 https://www.scientific.net/AMM.658.489	Scopus	1

4	M. Turnea, M. Rotariu, D. Andritoi, C. Corciova, <i>Compartmental analysis using electrical impedance applied for real fermentation broths</i> , E-Health and Bioengineering Conference (EHB)Article number 6707330, 21-23 November, 2013, DOI:10.1109/EHB.2013.6707330 https://ieeexplore.ieee.org/document/6707330	WOS	1
5	M. Turnea, M. Rotariu, D. Arotaritei, <i>Mathematical Modeling and Simulation for Keloid Scars Formation from The Prosthetic Blunt Socket</i> , 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2013, DOI:10.1109/ATEE.2013.6563527 https://ieeexplore.ieee.org/document/6563527	WOS	1
6	M. Turnea, A. Lupasteanu, Al Galaction, D. Cascaval, <i>Modelling of Mixing in Bioreactors with Mobile Beds of Immobilized Biocatalysts for Six Radial Impellers</i> , Proceedings of the 2nd WSEAS International Conference on Biomedical Electronics and Biomedical Informatics, pp.232-239, 2009 https://www.researchgate.net/publication/228471965_Modelling_of_mixing_in_bioreactors_with_mobile_beds_of_immobilized_biocatalysts_for_six_radial_impellers	WOS	1
N3.2			18
1	M. Ilea, M. Turnea, D. Arotaritei, C. Corciova, <i>Educational Tool for Multiple Attribute Decision Making in Biomedical Engineering Using Fuzzy Topsis and Fuzzy Vikor</i> , 17th International Scientific Conference on eLearning and Software for Education, eLSE 2021, pp 269 - 276, 2021, DOI 10.12753/2066-026X-21-175 https://www.researchgate.net/publication/368803416_EDUCATIONAL_TOOL_FOR_MULTIPLE_ATTRIBUTE_DECISION_MAKING_IN_BIOMEDICAL_ENGINEERING_USING_FUZZY_TOPSIS_AND_FUZZY_VIKOR https://www-scopus-com.dbproxy.umfiasi.ro/record/display.uri?eid=2-s2.0-85127278479&origin=resultslist&sort=plf-f&src=s&sid=e456504b07ec8d8388f8483d1a596d6e&sot=b&sdt=cl&cluster=scoafid%2C%260026019%22%2Ct&s=AUTHOR-NAME%28Turnea+M%29&sl=21&sessionSearchId=e456504b07ec8d8388f8483d1a596d6e&relpos=16	Scopus	1
2	C. Corciova, A. Gheorghita, R. Fuior. M. Turnea, <i>A proposal for a simulator for respiratory control system, toward a learning tool for biomedical engineering students</i> , The 16th International Scientific Conference eLearning and Software for Education Bucuresti, April 22-23, Vol. 3, pp. 203-208, 2020 DOI 10.12753/2066-026X-20-196 https://proceedings.elseconference.eu/index.php?r=site/index&year=2020&index=papers&vol=37&paper=79b78a60e6c63e863a08de83147f9080	Scopus	1
3	C. Corciova, M. Turnea, A. Gheorghita, D. Arotaritei, <i>An Optimal Path Planning Proposal for Motion Robots with Specific Constraints Applicable in Biomedical Engineering</i> , 4th International Conference on Nanotechnologies and Biomedical Engineering, ICNBME-2019, IFMBE Proceedings, Vol.77, pp. 433-437, 2019, DOI10.1007/978-3-030-31866-6_79	WOS	1

	https://link.springer.com/chapter/10.1007/978-3-030-31866-6_79		
4	C. Corciova, M. Turnea, D. Arotaritei, A. Gheorghita, <i>A Tutorial for Computational Fluid Dynamics Applied to Multilayer Flow Modulator, New Technologies and Redesigning Learning Spaces</i> , Vol. III, pp. 255-260, 2019 DOI10.12753/2066-026X-19-172 https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=papers&vol=34&paper=e4ee8739393066bb9463594d17cb30e9	WOS	1
5	A. Gheorghita, M. Turnea, M. Ilea, M. Rotariu, G. Constantin, D. Arotaritei, <i>A New Proposal for Solving Equations of Angular Contact Ball Bearing Using Evolutionary Techniques</i> , 6 th International Conference on Advancements of Medicine and Health Care Through Tehnology, MEDITECH 2018, Volume: 71, pp. 241-245, 2019 DOI10.1007/978-981-13-6207-1_37 https://link.springer.com/chapter/10.1007/978-981-13-6207-1_37 https://link.springer.com/chapter/10.1007/978-981-13-6207-1_37	WOS	1
6	A. Gheorghita, C. Corciova, M. Turnea, D. Arotaritei, <i>Microcontroller Implementation of Algorithms for Computational Complexity</i> , 11 th International Symposium on Advanced, Topics, in Electrical Engineering (ATEE)2019, 2019, DOI10.1109/atee.2019.8724898 https://ieeexplore.ieee.org/document/8724898	WOS	1
7	AC Ionite, M. Rotariu, M. Turnea, <i>A Statical Approach to Data Collected at the Foot Map Level in Simulating the Evolution of Osteitis Pubis</i> , Proceedings of the 14th International Scientific Conference e-Learning and Software for Educational: E-Learning Challenges and New Horizons, Vol, 3, Page433-440, DOI:10.12753/2066-026X-18-206, 2018 https://proceedings.elseconference.eu/index.php?r=site/index&year=2018&index=papers&vol=29&paper=55ff637d18e6c29047c6eb128527ac49	WOS	1
8	M. Rotariu, C. Ionite, M. Turnea, <i>Modeling and Simulation of Static Demands of the Vertebral Column in the Sagittal Plane</i> , Proceedings of the 14th International Scientific Conference e-Learning and Software for Educational: E-Learning Challenges and New Horizons, Vol. 3, Pages475-480, DOI:10.12753/2066-026X-18-212, 2018 https://proceedings.elseconference.eu/index.php?r=site/index&year=2018&index=papers&vol=29&paper=13c0ea4a937a9277834036d818c9347c	WOS	1
9	D. Arotaritei, M. Turnea, R. Filep, M. Ilea, M. Rotariu, <i>Analyze of Liner Influence in Transtibial Prosthetic taking into account Tribological Aspects</i> , 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), pp.299-302, 2015 https://ieeexplore.ieee.org/document/7133784	WOS	1
10	D. Arotaritei, M. Turnea, R. Filep, M. Ilea, M. Rotariu, A. Gheorghita, <i>Graphical Interface for Analyze of Temperature of Skin at Skin-Liner Interface</i> , E-Health and Bioengineering Conference (EHB), 2015 https://ieeexplore.ieee.org/document/7391408	WOS	1
11	M. Rotariu, F. Munteanu, M. Turnea, D. Arotaritei, <i>Modeling and design of prosthetic abutment system to evaluate the complex interface</i> , Applied	Scopus	1

	Mechanics and Materials, Vol. 654, pp.471 - 476, 2014, DOI:10.4028/www.scientific.net/AMM.658.471 https://www.scientific.net/AMM.658.471		
12	R. Filep, D. Arotaritei, M. Turnea, M. Ilea, M. Rotariu, <i>Performance optimization of blunt-prosthesis-rod complex with tribological considerations</i> , Applied Mechanics and Materials, Vol.658, pp. 429 - 434, 2014 DOI:10.4028/www.scientific.net/AMM.658.429 https://www.scientific.net/AMM.658.429	Scopus	1
13	D. Arotaritei, V. Beiu, M. Turnea, M. Rotariu, <i>Probabilistic Gate Matrix for Axon-inspired Communication</i> , 2013 E-Health and Bioengineering Conference (EHB), DOI:10.1109/EHB.2013.6707255, 2013 https://ieeexplore.ieee.org/document/6707255	WOS	1
14	M. Rotariu, M. Turnea, D. Arotaritei, M. Ilea, <i>Graphical Interface that Interprets the Moments Collected from the Contact between the Stump and Socket</i> , 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 2013, DOI:10.1109/ATEE.2013.6563424 https://ieeexplore.ieee.org/document/6563424	WOS	1
15	M. Rotariu, M. Turnea, D. Arotaritei, R. Filep, M. Ilea, <i>A Proposal for Construction of the Surface Pressure Map Distribution with Tribological Considerations at Stump-Liner Interface in Prosthetic Application</i> , E-Health and Bioengineering Conference (EHB), 2013, DOI:10.1109/EHB.2013.6707290 https://ieeexplore.ieee.org/document/6707290	WOS	1
16	C. Corciova, M. Turnea, <i>Model of the Blood Flow in Coronary Arterial System</i> , 7th International Conference on Management of Technological Changes, Management of Technological Changes, Book.1, pp. 365-368, 2011 https://www-webofscience-com/wos/woscc/full-record/WOS:000306939900092	WOS	1
17	C. Corciova, M. Turnea, A. Salceanu, <i>A Measurement System for the Blood Flow in Peripheral Territory</i> , 3 rd International Conference on E-Health and Bioengineering (EHB), 2011 https://ieeexplore.ieee.org/document/6150326	WOS	1
18	D. Arotaritei, M. Ilea, R. Ciorap, M. Turnea, <i>A viscoelastic model for hysteresis loop applicable to aorta and other soft biological tissues</i> , MeMeA 2011 - 2011 IEEE International Symposium on Medical Measurements and Applications, Proceedings, Article number 5966750, pp.75-79, 2011 DOI:10.1109/MeMeA.2011.5966750 https://ieeexplore.ieee.org/document/5966750	Scopus	1

Indicator	A2.4 Produse, tehnologii, platforme și servicii inovative	Punctaj
N4.1		4
1	M. Turnea, A. Gheorghita, I. Duduca, C. Mucileanu, <i>Mathematical modeling and adaptive control of rehabilitation systems using artificial intelligence</i> , Congresul Aniversar Reunit de Medicină Fizică de Recuperare și Balneoclimatologie, Iunie, 2025, PREMIUL III	

2	M. Turnea, M. Rotariu, A. Gheorghita I. Condurache, TC. Baba, IE. Macovei, F Storisteanu, <i>Hand Motion Video Recognition System for Cursor Control in Healthcare Applications</i> , Euroinvent 2024 SILVER MEDAL	1
3	M. Turnea, D. Arotaritei, I. Condurache, A. Gheorghită, M. Rotariu, <i>Automatic Classification in Physiotherapy Exercises using Deep Learning, a Prospective Study for Evaluation of Balneotherapy Effects on Musculoskeletal Diseases</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 PREMIUL I	1
4	M. Turnea, A.I. Galaction, D. Cașcaval, <i>Graphical Interface for Modeling and Optimizing the Multiple Impellers Systems in Bioreactors</i> , Euroinvent 2010 GOLD MEDAL	1
N4.2		11
1	C. Baba Taiki, A. Gheorghita, M. Ilea, I. Condurache, C. Mucileanu, M. Turnea, M. Rotariu, <i>Hand Rehabilitation with VR and Computer Vision - RehabKnight</i> , Euroinvent 2025, GOLD MEDAL	1
2	A. Gheorghita, A. Manoliu, V. Vicol, I. Duduca, M. Rotariu, M. Turnea, <i>AI-Powered Holographic Virtual Teacher - Innovation in Education</i> , Euroinvent 2025, SILVER MEDAL	1
3	M. Rotariu, C. Mucileanu, I. Condurache, A. Gheorghita, M. Turnea, <i>New sensory devices for the recovery of plantar proprioception post-stroke</i> , Euroinvent 2025, SILVER MEDAL	1
4	A. Gheorghita, I. Duduca, M. Turnea, I. Condurache, <i>Kinetic recovery of finger joints using inertial sensors and pneumatic gloves</i> , Congresul Aniversar Reunit de Medicină Fizică de Recuperare și Balneoclimatologie, Iunie, 2025, PREMIUL I	1
5	I. Condurache, C. Ionite, A. Gheorghita, M. Turnea, C. Mucileanu, M. Rotariu, <i>New Devices used in the Recovery of Hand Functionality</i> , Euroinvent 2024 Gold MEDAL	1
6	M. Rotariu, M. Turnea, A. Nichita, C. Mucileanu, A. Gheorghită, I. Condurache, <i>Hippotherapy used in medical recovery</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 PREMIUL I	1
7	A. Gheorghita, M. Rotariu, D. Arotaritei, I. Condurache, M. Turnea, M Ilea, <i>Multi-compartment Within Host Model for analyze the relationship between severity of COVID-19 and sleep apnea influence</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 PREMIUL I	1
8	I. Condureche, C. Ionițe, M. Turnea, V. Baniță, C. Mucileanu, M. Rotariu, <i>Recovery of the patient with NIEMANN-PICK type B disease</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 PREMIUL II	1
9	C. Mucileanu, AC. Spiridon, M. Turnea, I. Condurache, M. Rotariu, <i>Kinetic methods used in the postoperative recovery of a patient diagnosed with a puncture wound and foreign body retention in the middle third of the posterior face of the left forearm</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 PREMIUL III	1
10	I. Condurache, C. Ionite, M. Turnea, M. Rotariu, A. Gheorghita, <i>Rehabilitation Gaming Systems</i> , Euroinvent 2023 MEDAL of EXCELLENCE in INNOVATION	1

11	I. Duducă, I. Pampu, M. Andriesei, A. Gheorghită, M. Turnea, D. Arotăritei, <i>Prealert System for Improving emergency vehicles movement</i> , Euroinvent, Mai, 2022 BRONZE MEDAL	1
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Indicator	A2.5 Monografii/cărți de specialitate format tipărit/electronic	Punctaj
N4.3		2
1	M. Turnea, M. Rotariu, A. Gheorghită, <i>Modelarea, simularea și optimizarea comportării ansamblurilor de tip arbore principal cu rulmenții la turații mari folosind tehnici numerice</i> , Ed. Pim, ISBN 978-606-13-8653-6, 2024	1
2	M. Turnea, M. Ilea, A. Gheorghită, <i>Modele matematice pentru tranziții de fază cu aplicații în bioinginerie</i> , Ed. Pim, ISBN 978-606-13-8691-8, 2024	1
N4.4		6
1	M. Ilea, M. Munciliani, M. Turnea, D. Arotăritei, <i>Matematici elementare cu aplicații în științele vieții</i> , Editura "Gr. T. Popa" Iași, ISBN: 978-606-544-945-6, 2024	1
2	M. Ilea, M. Turnea, D. Arotăritei, M. Rotariu, <i>Metode de optimizare cu aplicații în chimioterapie cancerului</i> , Editura „Gr. T. Popa” Iași, ISBN 978-606-544- 500-0, 2021	1
3	F. Fulop, M. Gafitanu, M. Turnea, M. Rotariu, D. Arotăritei, F. Zoltan, <i>Cercetări privind optimizarea performanțelor cupă-proteză-bont cu considerarea aspectelor tribologice</i> , University Press Târgu-Mureș, ISBN 978-973-169-575-4, 2019	1
4	M. Rotariu, M. Turnea, D. Arotăritei, M. Ilea, <i>Metode de evaluare și simulare a evoluției complexului bont-exoproteză din perspectiva kinetoterapiei</i> , Editura „Gr. T. Popa” Iași, ISBN: 978-606-544-447-8, 2017	1
5	H-N. Teodorescu. M. Craus, M. Turnea, s.a, <i>Scientific and Educational Applications GRID”, cap. Parallelization of some Spatial Epidemic Models</i> , Editura Politehniun, ISBN 978-973-621-236-9, 2008	1
6	D. Cascaval, A-I Galaction, M. Turnea, s.a. <i>Biotehnologia între știință și artă, cap. Analiză statistică și modelare în biotehnologie</i> , Editura Venus, Iași, ISBN 978-973-756-052-0, 2007	1

Indicator	A3.1 Atragere resurse financiare prin granturi/proiecte/contracte terți	Suma echivalentă Euro
S2		57.892,78E
	Proiect ERANET-IB, contract nr. 6-003/2013 cu titlul „MICROscale downstream processing TOOLbox for Screening and process development (MICROTOOLS)”; derulat în perioada 2013-2015, coordonator University College London; partener Universitatea de Medicină și Farmacie „Grigore T. Popa” Iași buget alocat UMF Iași = 200000 euro; membri echipă UMF Iași = 6; responsabil de proiect prof. univ. dr. ing. Galaction Anca Irina; membru echipă.	33.333,33E
	Proiect Parteneriate, contract nr. 11005/2007 cu titlul „Sistem inteligent pentru monitorizarea răspunsului la tratament al bolnavilor neoplazici și asistare la stabilirea prognosticului și speranței de viață a acestora prin analiza modificărilor imagistice și a parametrilor vitali (NEOSIM)”; derulat în perioada	14.982,6E

	2007-2010; coordonator SC IPA SA București; partener Universitatea de Medicină și Farmacie „Grigore T. Popa” din Iași (UMF Iași); buget alocat UMF Iași = 250000 lei (≈74913 euro); membri echipă UMF Iași = 5; responsabil de proiect dr. ing. Toma Cristian Marius; membru echipă.	
	Proiect CEEX, contract II-03/2006 cu titlul „Grid academic de aplicatii complexe (GRAI)”, derulat în perioada 2006-2008; coordonator Universitatea Tehnică “Gh. Asachi” Iași; partener Universitatea de Medicină și Farmacie „Grigore T. Popa” din Iași (UMF Iași); buget alocat UMF Iași = 147750 lei (≈41920 euro1); membri echipă UMF Iași = 8; responsabil de proiect prof. univ. dr. Arotăriței Dragoș; membru echipă.	5240E
	Proiect CEEX, contract nr. 3/2005 cu titlul „Platforma multifuncțională destinată optimizării metodelor de diagnostic și decizie în serviciile medicale (PROMED)””; derulat în perioada 2005-2008; coordonator SC IPA SA București; partener Universitatea de Medicină și Farmacie „Grigore T. Popa” din Iași (UMF Iași); buget alocat UMF Iași = 111000 lei (≈30358 euro1); membri echipă UMF Iași = 7; responsabil de proiect dr. ing. Toma Marius Cristian; membru echipă.	4336,85E

Indicator	A3.2 Prezentarea/Diseminarea rezultatelor, prezență la manifestări științifice în calitate de autor/co-autor de lucrări	Punctaj
N5		35
1	C. B. Taiki, A. Gheorghita, M. Ilea, I. Condurache, C. Mucileanu, M. Turnea, M. Rotariu, <i>Hand Rehabilitation with VR and Computer Vision - RehabKnight</i> , Euroinvent, 2025 https://www.euroinvent.org/cat/EUROINVENT_2025.pdf	1
2	M. Rotariu, C. Mucileanu, I. Condurache, A. Gheorghita, M. Turnea, <i>New sensory devices for the recovery of plantar proprioception post-stroke</i> , Euroinvent 2025 https://www.euroinvent.org/cat/EUROINVENT_2025.pdf	1
3	A. Gheorghita, A. Manoliu, V. Vicol, I. Duduca, M. Rotariu, M. Turnea, <i>AI-Powered Holographic Virtual Teacher - Innovation in Education</i> , Euroinvent 2025 https://www.euroinvent.org/cat/EUROINVENT_2025.pdf	1
4	I. Duduca, A. Gheorghita, M. Turnea, M. Rotariu, <i>Kinematic analysis of the finger exoskeleton using AI techniques in the kinetic recovery process</i> , The XIXth National Conference of the Institute of Recovery, Physical Medicine and Balneoclimatology, 2025 https://bioclima.ro/V2025.pdf	1
5	M. Rotariu, G. Dascalu, M. Turnea, C. Mucileanu, C. Ionite, I. Condurache, <i>Kinetic techniques for developing motor skills in patient with autism</i> , The XIXth National Conference of the Institute of Recovery, Physical Medicine and Balneoclimatology, 2025 https://bioclima.ro/V2025.pdf	1
6	M. Turnea, A. Gheorghita, I. Duduca, C. Mucileanu, <i>Mathematical modeling and adaptive control of rehabilitation systems using artificial intelligence</i> , The XIXth National Conference of the Institute of Recovery, Physical Medicine and Balneoclimatology, 2025 https://bioclima.ro/V2025.pdf	1

7	A. Gheorghita, I. Duduca, M. Turnea, I. Condurache, <i>Kinetic recovery of finger joints using inertial sensors and pneumatic gloves</i> , The XIXth National Conference of the Institute of Recovery, Physical Medicine and Balneoclimatology, 2025 https://bioclima.ro/V2025.pdf	1
8	M. Turnea, D Arotaritei, I Condurache, A Gheorghită, M. Rotariu, <i>Automatic Classification in Physiotherapy Exercises using Deep Learning, a Prospective Study for Evaluation of Balneotherapy Effects on Musculoskeletal Diseases</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 https://bioclima.ro/Ab2024.pdf	1
9	C Mucileanu, AC Spiridon, M Turnea, I Condurache, M Rotariu, <i>Kinetic methods used in the postoperative recovery of a patient diagnosed with a puncture wound and foreign body retention in the middle third of the posterior face of the left forearm</i> , National Congress of Physical and Rehabilitation Medicine & Balneology, 2024 https://bioclima.ro/Ab2024.pdf	1
10	A.Gheorghită, I. Condurache, M. Rotariu, M. Turnea, <i>The use of artificial intelligence in computer-aided diagnosis of medical condition</i> , Balneo and PRM Research Journal 2023/ Congresul Național de Medicină Fizică de Recuperare și Balneologie, 2023 https://bioclima.ro/AV2023.pdf	1
11	M. Turnea, A. Gheorghită, I. Condurache, M. Rotariu, <i>Rebuilding life after stroke: The use virtual reality in the physical and psychological recovery of patient</i> , Balneo and PRM Research Journal 2023/ Congresul Național de Medicină Fizică, de Recuperare și Balneologie, 2023 https://bioclima.ro/AV2023.pdf	1
12	C. Ionițe, M. Rotariu, I. Condurache, M. Turnea, <i>The effects of exercises in sagittal plane of the spine on the posterior balance of the human body</i> , Balneo and PRM Research Journal 2023/ Congresul Național de Medicină Fizică, de Recuperare și Balneologie, 2023 https://bioclima.ro/AV2023.pdf	1
13	A.Gheorghita, M. Turnea, M. Rotariu, M. Andriesei, I. Pampu, I. Duduca, <i>Enhancing road safety by integrating face recognition and eye tracking for real-time detection of driver drowsiness</i> , Euroinvent 2023 https://www.euroinvent.org/cat/EUROINVENT_2023.pdf	1
14	I.Condurache, C. Ionite, M. Turnea, M. Rotariu, A. Gheorghita, <i>Rehabilitation Gaming Systems</i> , Euroinvent 2023 https://www.euroinvent.org/cat/EUROINVENT_2023.pdf	1
15	M. Turnea, M. Rotariu, D. Arotaritei, A. Gheorghită, <i>Augmented Reality Based Guidance System for Visually Impaired People</i> , eLSE Conference, 12-13 Mai, București, 2022 https://proceedings.elseconference.eu/index.php?r=site/index&year=2022&index=papers&vol=42&paper=ec0d18e002eb926cab60f55f19d08ddc	1
16	M. Turnea, M. Rotariu, M. Ilea, A. Gheorghita, D. Arotaritei, <i>A Proposal for Constrained Optimal Path using Metaheuristic Algorithm in a Framework with Polygonal Objects</i> , , 13 th Edition Education and Creativity for a Knowledge Based Society, 14-16 Noienbrie, Bucuresti, ISSN 2248-0064, 2019 https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2886235	1
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Indicator				Punctaj
C				142.86
	Lucrare Citată	Citarea	Impact factor citare	
	Improving functional and motor capacity through means/resources and methods specific to aquatic activities 15citari			$C = C1 + S_{Fi} = 15 + 12.4 = 27.4$
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