Conf. Dr. Ing. Fiz. Marius VOLMER

Fișa de îndeplinire a standardelor minimale și obligatorii pentru acordarea atestatului de abilitare în domeniul **Inginerie Electrică**

(conform Ordin 6129/2016 Anexa 9)

Diplomă de Doctor Seria B Nr. 1564/2001

Condiții minimale abilitare - echivalent profesor – punctaj/criterii Valori centralizate		Minim prevăzut	Realizat
A1. Activitate didactică și profesională		120	154,530
A2. Activitatea de cercetare		360	1124,058
A3. Recunoașterea și impactul activității		120	437,602
Total A		600	1716,190
Condiții minimale pe categorii (număr și valori)		Minim prevăzut	Realizat
A.1. Activitate didactică și profesională - valori		120	154,530
A.1.1. Cărți și capitole de cărți de specialitate în edituri recunoscute			106,380
1.1.1. Cărți cu ISBN/capitole ca autor – Profesor – **minim 4**	1.1.1.1. Internaționale		1 cap.
	1.1.1.2 Naționale		6 (D.C. 2 cărți)
1.1.2. Cărți/capitole de cărți ca editor/coordonator	1.1.2.1. Internaționale	-	-
	1.1.2.2. Naționale	-	-
A.1.2. Suport didactic - valori			48,150
A.1.2.1. Suport de curs inclusiv electronic (minim 2 din care 1 prim autor)		2	2 (prim autor)
A.1.2.2. Îndrumare de laborator/aplicații (minim 2 din care 1 prim autor)		2	2 (prim autor)
A.1.3. Coordonare programe de studii, programe de formare continuă		-	-
A. 2. Activitatea de cercetare - valori		360	1124,058
A.2.1. Articole in extenso in reviste cotate WOS si în volume proceedings indexate ISI Thomson- Reuters (minim 10 din care minim 4 ca prim autor) (Număr/valori)		10	28 (17 autor principal) 699,207
A.2.2. Articole în reviste si volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI) – din care minim 5 în reviste (Număr/valori)		20 (min 5 în reviste)	22 (6 în reviste) 151,551
A.2.3. Brevete de invenție (Număr/valori)	A.2.3.1. Internaționale	-	-
	A.2.3.2. Naționale	-	1 7,5

A.2.4 Granturi/proiecte câștigate prin competiție (Număr/valori)	2.4.1. Director/ responsabil de proiect (**minim 2**)	2.4.1.1. Internaționale	-	-
		2.4.1.2. Naționale	2	10 (D.C. 2 ca director)
				265,80
	2.4.2. Membru în echipă	2.4.2.1. Internaționale	-	-
		2.4.2.2. Naționale	-	-
A3. Recunoașterea și impactul activității - valori			**120**	**437,602**
A.3.1. Citări în reviste WOS si volumele conferințelor WOS (minim 10) (Număr/valori)			10	137
				253,453
A.3.2. Citări în reviste BDI si volumele conferințelor BDI (minim 20) (Număr/valori)			20	24
				19,149
A.3.3/A.3.3.1. Prezentări invitate în plenul unor manifestări științifice internaționale si Profesor invitat (exclusiv POS, ERASMUS) (Număr/valori)			-	1
				20
A.3.4/A.3.4.1. Membru în colectivele de redacție sau comitete științifice al revistelor si manifestărilor științifice , Organizator de manifestări științifice, Recenzor pentru reviste – ISI; (Număr/valori)			-	10
				100
A.3.5/A.3.5.2. Referent în comisii de doctorat naționale; (Număr/valori)			-	6
				30
A.3.6. Premii			-	-
A.3.7. Membru în academii, organizații profesionale naționale și internaționale, organizații din domeniul educației				
A.3.7.4. Membru in asociații profesionale internaționale; (Număr/valori)			-	1
				5
A.3.7.5. Membru in Consilii si organizații în domeniul educației si cercetării; (Număr/valori)			-	1
				10

Indicele Hirsch conform ISI Knowledge: 10
Indicele Hirsch conform Scopus: 11
Indicele Hirsch conform Google Scholar: 13

07.05.2025

Conf. Dr. Ing. Fiz. Marius VOLMER

VOLMER MARIUS, DEPARTAMENTUL INGINERIE ELECTRICA SI FIZICA APLICATA, Universitatea Transilvania din Brasov
Comisia de inginerie electrica

Observație: Unele fisiere nu sunt vizualizate corect pe drive; în acest caz trebuie descărcate - butonul "Download"

Tip Criteriu	Criteriu / Descriere	Formula	Punctaj	Dovada
1.1.1.1	Cărti cu ISBN/ capitole ca autor didactice sau monografii - internationale			
1	Titlu:Magnetic Sensors: Principles, Methodologies, and Applications Editură:Springer Nature Switzerland AG isbn:978-3-031-16338-8 Dată:2024 NrAutori:5 TotalInterval pagini:38, https://doi.org/10.1007/978-3-031-16338-8_33-1	38/(2*5)	3.8	https://drive.unitbv.ro/s/JSKRYx84qRFQ2jK
	1 Cap. Carte cu ISBN - international	**TOTAL**	**3.8**	
1.1.1.2	Cărti cu ISBN/ capitole ca autor didactice sau monografii - nationale			
1	titluCc:Applied Physics for Engineering editura:Editura Universitatii Transilvania din Brasov isbn:978-973-598-136-5 AnAparitie:2007 NrAutori:1 TotalNrPagini:300	300/(5*1)	60	https://drive.unitbv.ro/s/FMkkBwBGJbzQHwx
2	titluCc:Nanostructuri magnetice : obtinere, proprietati, aplicatii editura:Editura Universitatii Transilvania din Brasov isbn:978-973-598-248-5 AnAparitie:2008 NrAutori:1 TotalNrPagini:195	195/(5*1)	39	https://drive.unitbv.ro/s/TagywWPjJJWnTKP
3	titluCc:"Lab-on-chip – a new platform for basic research and for rapid diagnosis purposes" in Bioanalytical Methods for Life Sciences. Chromatography. Sensors and Biosensors, pag. 85-98, Editors Mihaela Badea, Monica Florescu, editura:Editura Universitatii Transilvania din Brasov isbn:978-973-598-723-7 AnAparitie:2010 NrAutori:2, Prim autor, TotalNrPagini:14	14/(5*2)	1.4	https://drive.unitbv.ro/s/sAymsJaqkffQ4F5
4	titluCc:Development of a rotation sensor based on the Planar Hall Effect in Progress in Nanoscience and Nanotechnologies editura:Editura Academiei Romane isbn:978-973-27-1576-5 AnAparitie:2007 NrAutori:2, prim autor, TotalNrPagini:7	7/(5*2)	0.7	https://drive.unitbv.ro/s/4iiFRY66L7ZxrnJ
5	titluCc:Magnetoresistive sensors for biomedical applications a micromagnetic approach, in Progress in Nanoscience and Nanotechnologies editura:Editura Academiei Romane isbn:978-973-27-1576-5 AnAparitie:2007 NrAutori:2, Prim autor, TotalNrPagini:8	8/(5*2)	0.8	https://drive.unitbv.ro/s/4iiFRY66L7ZxrnJ
6	titluCc:Magnetic-Based Microfluidic Platform for Biomolecular Separation in Series in Micro and Nanoengineering No. 14, New Applications of Micro- and Nanotechnologies editura:Editura Academiei Romane isbn:978-973-27-1803-2 AnAparitie:2009 NrAutori:5 TotalNrPagini:17	17/(5*5)	0.68	https://drive.unitbv.ro/s/iXmXXwfikz8yX3t
	2 Carti (prim autor) si 4 Capitole de Carti cu ISBN nationale	**TOTAL**	**102.58**	
	Cărți și capitole de cărți de specialitate	**TOTAL**	**106.38**	

1.2.1	Suport de curs inclusiv electronic	Formula	Punctaj	Dovada
1	titluS:Electromagnetic field theory – Lecture notes and applications editura:Editura Universtătii Transilvania din Brasov isbn:978-606-19-1575-0 AnAparitie:2022 NrAutori:1 TotalNrPagini:261 AutorPrincipalCurs:true, http://webbut2.unitbv.ro/Carti%20on-line/Fizica/Volmer_EFT_2022.pdf	261/(10*1)	26.1	https://drive.unitbv.ro/s/3Lyx6RFyEQoAR7M
2	titluS:Microsensors and actuators - Lecture notes, AnAparitie:2024 NrAutori:1 TotalNrPagini:168 AutorPrincipalCurs:true, https://drive.unitbv.ro/s/nWcbMpNctFJX8Ef	168/(10*1)	16.8	https://drive.unitbv.ro/s/aziRHiKQECL3WoJ
	2 Suporturi de curs electronic (prim autor)	**TOTAL**	**42.9**	
1.2.2	Îndrumare de laborator/aplicatii	Formula	Punctaj	Dovada
1	titluL:Aparate de masura si control : Indrumar de laborator pentru studentii de la sectiile : Matematica - Fizica, Fizica -Chimie editura:Reprografia Universitatii Transilvania din Brasov isbn:681.12; 519.71 AnAparitie:1996 NrAutori:1 TotalNrPagini:63 AutorPrincipalLab:false	63/(20*1)	3.15	https://drive.unitbv.ro/s/gjdMMt2gNr5aM9q
2	titluL:Sensors and microsensors – Theoretical and practical notes editura:Editura Universităţii Transilvania din Bra?ov isbn:978-606-19-1576-7 AnAparitie:2022 NrAutori:1 TotalNrPagini:42 AutorPrincipalLab:true, http://webbut2.unitbv.ro/Carti%20on-line/Inginerie%20electrica/Volmer_SM_2022.pdf	42/(20*1)	2.1	https://drive.unitbv.ro/s/Rq4L9cdEBEcXNeF
	2 Indrumare de laborator (prim autor)	**TOTAL**	**5.25**	
	Suport didactic	**TOTAL**	**48.15**	
		Total A1	**154.53**	
2.1.	Articole in extenso in reviste cotate si în volume proceedings indexate ISI Thomson- Reuters	Formula	Punctaj	Dovada
1	titlu:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films revista:Thin Solid Films issn:00406090 AnAparitie:1999 nrAutori:3 AutorPrincipalArt:false, http://www.sciencedirect.com/science/article/pii/S0040609098016290	((25+20*1.939)/3)	21.260	https://drive.unitbv.ro/s/oSz5ppXjTaiL5z7
2	titlu:Surface magnetisation sensor for characterization of magnetic thin films and spin-valves structures revista:Microelectronic Engineering issn:01679317 AnAparitie:2000 nrAutori:2 AutorPrincipalArt:false, http://www.sciencedirect.com/science/article/pii/S0167931799005122	((25+20*2.02)/2)	32.700	https://drive.unitbv.ro/s/Xm3K2RPz2PQG7jw
3	titlu:Hall Effect and Magnetoresistance measurements on permalloy (Py) thin films and Py/Cu/Py multilayers revista:J. Optoelectron. Adv. Mater. Vol. 4, No. 1, March 2002, p. 79 - 84, issn:14544164 AnAparitie:2002 nrAutori:3 AutorPrincipalArt:true, https://old.joam.inoe.ro/arhiva/pdf4_1/Volmer.pdf	((25+20*0.563)/3)	12.087	https://drive.unitbv.ro/s/86xAYYscjHXz3Gp
4	titlu:Computer Simulation of Magnetization Curves in Magnetic Thin Films revista:Journal of optoelectronics and advanced materials, Vol. 5, No. 1, March 2003, p. 319 - 32, issn:14544164 AnAparitie:2003 nrAutori:2 AutorPrincipalArt:true, https://old.joam.inoe.ro/arhiva/pdf5_1/Volmer.pdf	((25+20*0.563)/2)	18.130	https://drive.unitbv.ro/s/ciXRnLp7QBjTBzx
5	titlu:Hall Effect in Permalloy Based Thin Films and Magnetic Multilayers revista:Journal of Magnetism and Magnetic Materials issn:03048853 AnAparitie:2004 nrAutori:2 AutorPrincipalArt:true, http://www.sciencedirect.com/science/article/pii/S0304885303020249	((25+20*3.046)/2)	42.960	https://drive.unitbv.ro/s/8nta87wWcJWTJ7d

6	titlu:Simulated and measured hysteresis curves for thin films revista:Physica B: Condensed Matter issn:09214526 AnAparitie:2006 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.physb.2005.10.047	((25+20*1.453)/2)	27.030	https://drive.unitbv.ro/s/dYT3r5NQWJb4fxz
7	titlu:Magnetoresistance and Magnetic Properties of Magnetic Thin Film Multilayers revista:Surface Science issn:00396028 AnAparitie:2001 nrAutori:2 AutorPrincipalArt:false, http://www.sciencedirect.com/science/article/pii/S0039602801007920	((25+20*1.997)/2)	32.470	https://drive.unitbv.ro/s/Zk4y3qfeGW4tkNm
8	titlu:Magnetic field sensors based on permalloy multilayers and nanogranular films revista:Journal of Magnetism and Magnetic Materials issn:03048853 AnAparitie:2007 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.jmmm.2007.02.115	((25+20*3.046)/2)	42.960	https://drive.unitbv.ro/s/D2cmwCYmoiq5qmB
9	titlu:Electrical characterization of magnetoresistive sensors based on AMR and GMR effects used for lab-on-a-chip applications revista:Reviews on advanced materials science issn:16065131 AnAparitie:2007 nrAutori:2, AutorPrincipalArt:true, http://www.ipme.ru/e-journals/RAMS/no_31507/volmer.pdf	((25+20*2.172)/2)	34.220	https://drive.unitbv.ro/s/yjtMDPMnzAmqYPa
10	titlu:Micromagnetic characterization of a rotation sensor based on the planar Hall effect revista:Physica B: Condensed Matter issn:09214526 AnAparitie:2008 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.physb.2007.08.047	((25+20*1.453)/2)	27.030	https://drive.unitbv.ro/s/c97TpTCjTfXB6Sw
11	titlu:The optimised spin-valve magnetotransistor revista:Materials Science and Engineering: B issn:09215107 AnAparitie:2008 nrAutori:6 AutorPrincipalArt:false, http://dx.doi.org/10.1016/j.mseb.2008.06.030	((25+20*3.316)/6)	15.220	https://drive.unitbv.ro/s/ms2exy5Kd55sk2M
12	titlu:Micromagnetic Simulations on Detection of Magnetic Labelled Biomolecules Using MR Sensors revista:Journal of Magnetism and Magnetic Materials issn:03048853 AnAparitie:2009 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.jmmm.2009.02.114	((25+20*3.046)/2)	42.960	https://drive.unitbv.ro/s/aEbjnJ6TjjsMWmC
13	titlu:Electrical and micromagnetic characterization of rotation sensors made from Permalloy multilayered thin films revista:Journal of Magnetism and Magnetic Materials issn:03048853 AnAparitie:2010 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.jmmm.2009.06.085	((25+20*3.046)/2)	42.960	https://drive.unitbv.ro/s/wzZT2wjEEMALacN
14	titlu:Microbeads Detection Using Spin-Valve PHE Sensors revista:Journal of Nanoscience and Nanotechnology issn:15334880 AnAparitie:2012 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1166/jnn.2012.6524	((25+20*1.354)/2)	26.040	https://drive.unitbv.ro/s/QNg52HtYQLBDCkW
15	titlu:Optimisation of Spin-Valve Planar Hall Effect Sensors for Low Field Measurements revista:IEEE TRANSACTIONS ON MAGNETICS issn:00189464 AnAparitie:2012 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1109/TMAG.2011.2173671	((25+20*1.467)/2)	27.170	https://drive.unitbv.ro/s/zCaKzsK4WsM253w
16	titlu:Signal Dependence on Magnetic Nanoparticles Position Over a Planar Hall Effect Biosensor revista:Microelectronic Engineering issn:01679317 AnAparitie:2013 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1016/j.mee.2013.02.055	((25+20*2.02)/2)	32.700	https://drive.unitbv.ro/s/sNQZXETJDgYEbzf
17	titlu:The Influence of Doping with Transition Metal Ions on the Structure and Magnetic Properties of Zinc Oxide Thin Films revista:The Scientific World Journal issn:1537744X AnAparitie:2014 nrAutori:2 AutorPrincipalArt:false, http://dx.doi.org/10.1155/2014/265969	((25+20*1.219)/2)	24.690	https://drive.unitbv.ro/s/BKpJytDiKrEXLJa

18	titlu:Using Permalloy Based Planar Hall Effect Sensors to Capture and Detect Superparamagnetic Beads for Lab on a Chip Applications revista:Journal of Magnetism and Magnetic Materials 381 (2015) 481-487 issn:03048853 AnAparitie:2015 nrAutori:2 AutorPrincipalArt:true, https://doi.org/10.1016/j.jmmm.2014.10.172	((25+20*3.046)/2)	42.960	https://drive.unitbv.ro/s/NcxHAeD8NnR3898
19	titlu:Detection of Magnetic Nanoparticles for Lab-on-a Chip Applications revista:ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume: 18 Issue: 4 Pages: 343-355 issn:14538245 AnAparitie:2015 nrAutori:3 AutorPrincipalArt:true, http://romjist.ro/content/pdf/04-volmer.pdf	((25+20*0.288)/3)	10.253	https://drive.unitbv.ro/s/tWm5rZ5dkcTA5Hg
20	titlu:Structural and luminescence properties of yellow phosphors prepared by a modified sol–gel method revista:MRS Communications, Volume 7, Issue 3 September 2017 , pp. 721-727 issn:21596859 AnAparitie:2017 nrAutori:10 AutorPrincipalArt:false, https://doi.org/10.1557/mrc.2017.84	((25+20*3.008)/10)	8.516	https://drive.unitbv.ro/s/BH7tWGAqkDGPt2k
21	titlu:Spin-valve structures with anisotropic magneto-resistance (AMR) for planar Hall effect (PHE) sensing applications revista:Optoelectronics and advanced materials – Rapid Comunications, Vol. 12, No. 9-10, September-October 2018, p.603 - 607 issn:18426573 AnAparitie:2018 nrAutori:3 AutorPrincipalArt:false, https://oam-rc.inoe.ro/articles/spin-valve-structures-with-anisotropic-magneto-resistance-amr-for-planar-hall-effect-phe-sensing-applications/fulltext	((25+20*0.386)/3)	10.907	https://drive.unitbv.ro/s/G9CJ8P4L6B92xew
22	titlu:Macrospin analysis of RF excitations within fully perpendicular magnetic tunnel junctions with second order easy-axis magnetic anisotropy contribution revista:JOURNAL OF APPLIED PHYSICS Volume: 124 Issue: 9 Article Number: 093902, 2018 issn:00218979 AnAparitie:2018 nrAutori:5 AutorPrincipalArt:false, https://doi.org/10.1063/1.5034792	((25+20*2.176)/5)	13.704	https://drive.unitbv.ro/s/8F7gCJjroHtcrbS , https://drive.unitbv.ro/s/bML8m8y
23	titlu:High Sensitivity Differential GMR based Sensor for Non-contacting DC/AC Current Measurement revista:Sensors issn:14248220 AnAparitie:2020 nrAutori:4 AutorPrincipalArt:true, https://doi.org/10.3390/s20010323	((25+20*3.275)/4)	22.625	https://drive.unitbv.ro/s/PGYCTP3GDF3eHCc , https://drive.unitbv.ro/s/cKk3ZXP6CATM6p6
24	titlu:Current trends in planar Hall effect sensors: evolution, optimization, and applications publicatie:Journal of Physics D: Applied Physics issn:13616463 Dată:2021 nrAutori:9 AutorPrincipalArt:false, https://doi.org/10.1088/1361-6463/abfbfb	((25+20*3.17)/9)	9.822	https://drive.unitbv.ro/s/ezQyxawN8gNAACH
25	titlu:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor publicatie:Sensors issn:14248220 Dată:2021 nrAutori:6 AutorPrincipalArt:true, https://doi.org/10.3390/s21072564	((25+20*3.847)/6)	16.990	https://drive.unitbv.ro/s/zdpfrkHwi4E5iFk
26	titlu:Designing a Spintronic Based Magnetoresistive Bridge Sensor for Current Measurement and Low Field Sensing publicatie:Electronics issn:20799292 Dată:2022 nrAutori:5 AutorPrincipalArt:true, https://doi.org/10.3390/electronics11233888	((25+20*2.69)/5)	15.760	https://drive.unitbv.ro/s/Ww2kCLGN8Ke7pL7
27	titlu:Correlating Disorder Microstructure and Magnetotransport of Carbon Nanowalls publicatie:Applied Sciences issn:20763417 Dată:2023 nrAutori:9 AutorPrincipalArt:false, https://doi.org/10.3390/app13042476	((25+20*2.5)/9)	8.333	https://drive.unitbv.ro/s/DCT2YJaH5TKjBMb

28	titlu:Optoelectronic microfluidic device for point-of-care blood plasma viscosity measurement publicatie:Lab on a chip issn:14730197 Dată:2024 nrAutori:4 AutorPrincipalArt:false, https://doi.org/10.1039/D4LC00211C	((25+20*6.1)/4)	36.750	https://drive.unitbv.ro/s/GDxxPk2RaneH8Mk
	28 Art. ISI din care 17 ca autor principal (prim autor sau autor corespondent) marcate cu albastru	**TOTAL**	**699.207**	
2.2	Articole în reviste si volumele unor manifestari stiintifice indexate în alte baze de date internationale (BDI)	Formula	Punctaj	Dovada
1	titlu:Magnetoresistance and Hall Effect Characterisation on Magnetic Thin Films Multilayers revista:Mat. Res. Soc. Symp. (Boston 2002) Proceeding Vol. 746, Pages 95 - 100, 2002, bazadate:SCOPUS, issn:19464274 AnAparitie:2003 nrAutori:2 AutorPrincipalArt:false, https://doi.org/10.1557/PROC-746-R5.5	(20 / [2])	10.000	https://drive.unitbv.ro/s/qbrP9W7xytQRz49
2	titlu:Detection of Magnetic-Based Bio-Molecules Using MR Sensors revista:The American Institute of Physics Conference Proceedings Series, 1025 (2008), 125-130, bazadate:SCOPUS, issn:0094243X AnAparitie:2008 nrAutori:2 AutorPrincipalArt:true, https://doi.org/10.1063/1.2956808	(20 / [2])	10.000	https://drive.unitbv.ro/s/XYWpS5a9LzixTdZ
3	titlu:Advanced Magnetoresistance Sensing of Rotation Rate for Biomedical Applications revista:The American Institute of Physics Conference Proceedings Series, 1025 (2008), 186-193, bazadate:SCOPUS, issn:0094243X AnAparitie:2008 nrAutori:3 AutorPrincipalArt:false, https://doi.org/10.1063/1.2956813	(20 / [23])	6.667	https://drive.unitbv.ro/s/593mAWEtrQb94EY
4	titlu:On manipulation and detection of biomolecules using magnetic carriers revista:IEEE International Semiconductor Conference (32st edition, CAS Proceedings) 12-14 October, 2009, Sinaia, Romania, Vol. 1, pag. 155-158, bazadate:SCOPUS, issn:1545827X AnAparitie:2009 nrAutori:3 AutorPrincipalArt:true, https://doi.org/10.1109/SMICND.2009.5336583	(20 / [23])	6.667	https://drive.unitbv.ro/s/iGFNmETjtCMekPZ
5	titlu:Improving the Detection Sensitivity of Magnetic Micro Beads by Spin Valve Sensors revista:The American Institute of Physics Conference Proceedings, 1311 (2010), 261-266, bazadate:SCOPUS, ISBN 978-0-7354-0866-1 issn:0094243X AnAparitie:2010 nrAutori:2 AutorPrincipalArt:true, https://doi.org/10.1063/1.3530022	(20 / [2])	10.000	https://drive.unitbv.ro/s/5cz29wwj3SRiPLH
6	titlu:Using a Planar Hall Effect Sensor for Single Bead Detection revistavolum:Proceedings of the International Semiconductor Conference, CAS, Volume 1, 2010, Article number 5650494, Pages 221-224 bazadate:SCOPUS issn:978-142445781-6 AnAparitie:2010 Autori:3, https://doi.org/10.1109/SMICND.2010.5650494	(20 / [3])	6.666	https://drive.unitbv.ro/s/dWjPY8YDE4CgfB6
7	titlu:On Designing a Positioning and Detection System for a Lab-on-a-Chip Device revista:ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume 13, Issue 4, Pages 378 - 388, bazadate:SCOPUS, issn:14538245 AnAparitie:2010 nrAutori:2 AutorPrincipalArt:true, http://www.imt.ro/romjist/Volum13/Number13_4/pdf/07-Volmer.pdf	(20 / [2])	10.000	https://drive.unitbv.ro/s/GdzaYjX7LdAyBqR
8	titlu:Micromagnetic analysis and development of high sensitivity spin-valve magnetic sensors revista:Journal of Physics: Conference Series, 268 (2011) 012032, bazadate:SCOPUS, issn:17426596 AnAparitie:2011 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1088/1742-6596/268/1/012032	(20 / [2])	10.000	https://drive.unitbv.ro/s/j6x8WoyZJADAwmw

9	titlu:A Differential Magnetometer for Magnetic Nanobeads Characterization revista:CAS 2011 Proceedings, Volume 1, 2011 International Semiconductor Conference, Pages 135-138, bazadate:SCOPUS, ISBN 978-1-61284-171-7 issn:1545827X AnAparitie:2011 nrAutori:2 AutorPrincipalArt:true, https://doi.org/10.1109/SMICND.2011.6095736	(20 / [2])	10.000	https://drive.unitbv.ro/s/ec8oNg2A3nYojWY
10	titlu:On Magnetic Nanoparticles Detection Using Planar Hall Effect Sensors revista:CAS 2012 Proceedings, Volume 2, 2012 International Semiconductor Conference, Pages 313-316, bazadate:SCOPUS, ISBN 978-1-4673-0737-6 issn:1545-857X AnAparitie:2012 nrAutori:2 AutorPrincipalArt:true, http://dx.doi.org/10.1109/SMICND.2012.6400774	(20 / [2])	10.000	https://drive.unitbv.ro/s/RBaWTjFDdJqkZab
11	titlu:Microbiosensor for Electrical Impedance Spectroscopic Study of Melanoma Cells revistavolum:CAS 2012 Proceedings, Volume 1, Pages 165 - 1682012 Article number 6400666, 2012 INTERNATIONAL SEMICONDUCTOR CONFERENCE bazadate: IEEE Xplore, issn:1545-827X AnAparitie:2012 Autori:9, https://doi.org/10.1109/SMICND.2012.6400666	(20 / [9])	2.222	https://drive.unitbv.ro/s/jPYHH6fcYM8j5De
12	titlu:MAGNETIC HYPERTHERMIA ON MOUSE B16 MELANOMA USING SUPERPARAMAGNETIC NANOPARTICLES revistavolum:Studia Universitatis Vasile Goldis Arad. Seria Stiintele Vietii (Life Sciences Series), Vol. 24 bazadate:EBSCO, Index COPERNICUS, SCOPUS issn:1584-2363 AnAparitie:2014 Autori:6, http://www.studiauniversitatis.ro/pdf/24-2014/24-SUPP-2014/SU24-S1-2014-AVRAM.pdf	(20 / [6])	3.333	https://drive.unitbv.ro/s/7rNfYMzg8M7HiaZ
13	titlu:Simulation and Experimental Results on Manipulation and Detection of Magnetic Nanoparticles Using Planar Hall Effect Sensors revista:2015 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Volume 2015-December, Pages 117 - 120, Article number 7355180, bazadate:SCOPUS, issn:1545827X AnAparitie:2015 nrAutori:3 AutorPrincipalArt:true, https://doi.org/10.1109/SMICND.2015.7355180	(20 / [3])	6.666	https://drive.unitbv.ro/s/odCmi93D6Y7PESR
14	titlu:BIPOLAR MAGNETOPHORETIC SYSTEM FOR THE MANIPULATION OF MAGNETIC PARTICLES revista:UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE Volume: 77 Issue: 3 Pages: 171-180, bazadate:SCOPUS, issn:22863540 AnAparitie:2015 nrAutori:6 AutorPrincipalArt:false, https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullf96_912024.pdf	(20 / [6])	3.333	https://drive.unitbv.ro/s/TTXKgEWbZgewpYo
15	titlu:Tunnel magneto-resistance effect and giant hall effect of some magnetic thin film multilayers revistavolum:2009 9th IEEE Conference on Nanotechnology, IEEE NANO 2009, Article number 5394777, Pages 647-650 bazadate:SCOPUS, IEEE Xplore, issn:978-981083694-8 AnAparitie:2009 Autori:2, http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5394777	(20 / [2])	10.000	https://drive.unitbv.ro/s/dwjLZkwLGrfWkmM
16	titlu:Magnetotransport Properties and Tunnel Effect of Thin Film Nano-Structures revistavolum:Technical Proceedings of the 2008 NSTI Nanotechnology Conferenceand Trade Show, vol.1, 2008, pag. 242-245 bazadate:SCOPUS issn:978-1-4200-8503-7 AnAparitie:2008 Autori:3, http://www.nsti.org/publications/Nanotech/2008/pdf/305.pdf	(20 / [3])	6.666	https://drive.unitbv.ro/s/SqEAcFgayLZeDAa

17	titlu:OOMMF MODELLING OF MAGNETIZATION DYNAMICS IN MICROMETER SIZED STRUCTURES FOR SENSING APPLICATIONS revistavolum:Bulletin of the Transilvania University of Braşov • Vol. 11 (60) No. 1 - 2018 Series I: Engineering Sciences bazadate:EBSCO issn:2065-2127 AnAparitie:2018 Autori:2, https://webbut.unitbv.ro/index.php/Series_I/article/view/2338	(20 / [2])	10.000	https://drive.unitbv.ro/s/PdzxrjDz9Z5P6LN
18	titlu:Antibody functionalized magnetic nanoparticles for circulating tumor cells detection and capture using magnetophoresis revistavolum:IOP Conference Series: Materials Science and Engineering, Volume 485, Issue 1, 27 March 2019, Article number 012005, bazadate:SCOPUS issn:1757-899X AnAparitie:2019 Autori:10, https://doi.org/10.1088/1757-899X/485/1/012005	(20 / [10])	2.000	https://drive.unitbv.ro/s/ASicazDjabM3NA4
19	titlu:Low Cost and Integrable Healthcare Services Using VoIP for Remote Patient Monitoring revistavolum:2020 International Conference on e-Health and Bioengineering (EHB) bazadate:SCOPUS, IEEE Xplore issn:978-1-7281-8804-1 AnAparitie:2020 Autori:3, https://doi.org/10.1109/EHB50910.2020.9280206	(20 / [3])	6.666	https://drive.unitbv.ro/s/odRYaep6ddEADTw
20	titlu:On Detection of Magnetic Nanoparticles Using a Commercial GMR Sensor publicatie:2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) bazadate:Scopus issn:978-1-6654-0298-9 Dată:2021 Autori:6, https://ieeexplore.ieee.org/document/9590055	(20 / [6])	3.333	https://drive.unitbv.ro/s/LQ7DkSNWsDEEKkH
21	titlu:LoRa Wide-Area Network and Live Objects Used in Renewable Energy Monitoring publica?ie:2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania, 2-3 Sept. 2021, pp. 505-512 bazadate:SCOPUS issn:978-1-6654-0298-9 Dată:2021 Autori:6, https://doi.org/10.1109/OPTIM-ACEMP50812.2021.9590023	(20 / [6])	3.333	https://drive.unitbv.ro/s/m87YGc6PK9jmBAz
22	titlu:Microfluidic device for biocells manipulation and measurement publica?ie:Proceedings of the International Semiconductor Conference, CAS Volume 1, Pages 159-162, 2008 Article number 4703356, 2008 International Semiconductor Conference, CAS 2008 bazadate:SCOPUS, IEEE Xplore issn:978-1-4244-2004-9 Dată:2008 Autori:5, https://doi.org/10.1109/SMICND.2008.4703356	(20 / [5])	4.000	https://drive.unitbv.ro/s/b9qjkN57diYn4Ff
	22 articole in volume sau reviste indexate BDI din care 6 in reviste BDI (marcate cu albastru)	**TOTAL**	**151.551**	
2.3.2	Brevete de inventie naționale	Formula	Punctaj	Dovada
1	denumire:Microsenzor magnetorezistiv de rotatie numar: RO 125187 B1 nrAutori:2 (Neamtu Jenica, Volmer Marius), AnAparitie:2013	((15)/2)	7.5	https://drive.unitbv.ro/s/HqeLoSRZapZA86g
	1 Brevet de inventie național	**TOTAL**	**7.5**	
2.4.1.2	Granturi/proiecte câstigate prin competitie nationala - director/responsabil	Formula	Punctaj	Dovada

1	titlu:Parteneriate în domeniile prioritare, Contract 71-127/14.09.2007 - Procesarea inteligenta a nano-dispozitivelor tip ”valva de spin” cu magnetorezistenta gigantica pentru aplicatii in spintronica, (SPIN-VALVE) , 14-09-2007 - 05-12-2010 NrAniDerulare:3 AnAparitie:2007, Partener (responsabil) proiect, https://www.icpe-ca.ro/procesarea-inteligenta-a-nano-dispozitivelor-tip-valva-de-spin-cu-magnetorezistenta-gigantica-pentru-aplicatii-in-spintronica/	10*3	30	https://drive.unitbv.ro/s/J5sX7nnm89dmK8E
2	titlu:Parteneriate în domeniile prioritare, Proiect 72-160/01-10-2008 - Sistem micro - electro - mecanic cu aplicatii in reconstructia microchirurgicala a nervilor periferici (RECONECT), 01-10-2008 – 01-11-2011 NrAniDerulare:3 AnAparitie:2008, Partener (responsabil) proiect, https://www.imt.ro/reconect/	10*3	30	https://drive.unitbv.ro/s/eq7C6Zz4JJqXmjX
3	titlu:Parteneriate în domeniile prioritare - Contract 72-165/01-10-2008 - Nanostructuri de semiconductori oxidici transparenti cu proprietati controlabile prin dopaj pentru aplicatii in optoelectronica, spintronica si piezotronica (NANOSEMOXI) NrAniDerulare:3 AnAparitie:2008, Partener (responsabil) proiect, https://www.icpe-ca.ro/nanostructuri-de-semiconductori-oxidici-transparenti-cu-proprietati-controlabile-prin-dopaj-cu-aplicatii-in-optoelectronica-spintronica-si-piezotronica/	10*3	30	https://drive.unitbv.ro/s/SWGiXDebptfG92D
4	titlu:Parteneriate în domeniile prioritare - 12-094/01-10- 2008 - Biochip microfluidic pentru caracterizarea reologica a fluidelor biologice ne-newtoniene cu aplicatii in diagnoza si tratament medical (MELANOCHIP), 01-10-2008 – 01-11-2011 NrAniDerulare:3 AnAparitie:2008, Partener (responsabil) proiect, https://www.imt.ro/melanochip/index.php	10*3	30	https://drive.unitbv.ro/s/jT9XHFnWpT5HagQ
5	titlu:Parteneriate în domeniile prioritare – Proiect 2/02-07-2012 - Lab-on-a-chip pentru studiul apoptozei celulare (CELLIMMUNOCHIP) NrAniDerulare:4 AnAparitie:2012, Partener (responsabil) proiect, https://www.imt.ro/cellimmunochip/index.html	10*4	40	https://drive.unitbv.ro/s/NWqmbMjTDTBoHkN
6	titlu:Structuri spintronice cu magnetorezistenta anizotropica (amr) si magnetorezistenta gigantica (gmr) pentru aplicatii de senzori robusti (MAGSENS)/126PED/2017 NrAniDerulare:1.75 AnAparitie:2017, Partener (responsabil) proiect, https://www.icpe-ca.ro/structuri-spintronice-cu-magnetorezistenta-anizotropica-amr-si-magnetorezistenta-gigantica-gmr-pentru-aplicatii-de-senzori-robusti/	10*1.75	17.5	https://drive.unitbv.ro/s/ZcHoygExKaQXTyg
7	titlu:Platforma microfluică pentru detec?ia celulelor tumorale circulante (CTC) concentrate prin dielectroforeză-magnetoforeză și analizate prin spectroscopie dielectrică și de impedanță electrochimică. Contract nr. 3 PCCDI/2018 NrAniDerulare:2.83 AnAparitie:2018, Partener (responsabil) proiect, coordonator Proiectul component 3, https://ieeia.tuiasi.ro/cercetare/proiecte-cd/	10*2.83	28.3	https://drive.unitbv.ro/s/9iNsSECWBAkp5ke
8	titlu:Senzori cu valvă de spin avansaţi pentru aplicaţii de măsurători de precizie non-contact ale curenţilor DC/AC (SpinCurrentSense), PED 315/2020 NrAniDerulare:2 AnAparitie:2020, Partener (responsabil) proiect, https://www.icpe-ca.ro/315ped-2020/	10*2	20	https://drive.unitbv.ro/s/Qjny87CxL8MCFAo
9	titlu:Senzori magnetorezistivi optimizati pentru detecția pe cip a nanoparticulelor magnetice (MagSensOnChip), 510PED NrAniDerulare:2 AnAparitie:2020, Director proiect, https://magsensonchip.unitbv.ro/	10*2	20	https://drive.unitbv.ro/s/4YzKmwXqeitE3H5
10	titlu:Structuri spintronice pe grafenă pentru aplicații de senzoristică și procesare de semnal (GrafeneS), 597PED/2022, NrAniDerulare:2 AnAparitie:2022, Director proiect, https://graphenespin.unitbv.ro/	10*2	20	https://drive.unitbv.ro/s/isg2Bwte9diKQBj

	10 Contracte de cercetare nationale: 8 ca responsabil, 2 ca director de proiect (marcate cu albastru)	**TOTAL**	**265.800**	**2 ca director**
		TOTAL A2	**1124.058**	
3.1	Citări în reviste si volumele conferintelor ISI	Formula	Punctaj	Dovada
1	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS issnciteaza:03048853 isbnciteaza: AnAparitie:2014 NrAutori:3, http://www.sciencedirect.com/science/article/pii/S0304885314001061	(5/[3])	1.666	https://drive.unitbv.ro/s/KnZoZFeyfH9SWqQ
2	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:POLYMER SCIENCE SERIES A issnciteaza:0965545X isbnciteaza: AnAparitie:2012 NrAutori:3, https://link.springer.com/article/10.1134/S0965545X1205001X	(5/[3])	1.666	https://drive.unitbv.ro/s/4X3knAAMyzx9GcB
3	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:MATERIALS CHARACTERIZATION issnciteaza:10445803 isbnciteaza: AnAparitie:2011 NrAutori:3, http://dx.doi.org/10.1016/j.matchar.2010.11.017	(5/[3])	1.666	https://drive.unitbv.ro/s/5Bje325Z2B65nTp
4	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:POLYMER SCIENCE SERIES A issnciteaza:0965545X isbnciteaza: AnAparitie:2010 NrAutori:3, https://link.springer.com/article/10.1134/S0965545X1010007X	(5/[3])	1.666	https://drive.unitbv.ro/s/k7jdiaEdnAb9SCx
5	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:THIN SOLID FILMS issnciteaza:004060 isbnciteaza: AnAparitie:2009 NrAutori:3, http://dx.doi.org/10.1016/j.tsf.2009.04.028	(5/[3])	1.666	https://drive.unitbv.ro/s/4wWDqxotfLeX7MA
6	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 isbnciteaza: AnAparitie:2009 NrAutori:3, http://dx.doi.org/10.1063/1.3062947	(5/[3])	1.666	https://drive.unitbv.ro/s/kDSpqsTszEXHrDc
7	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:MATERIALS CHEMISTRY AND PHYSICS issnciteaza:02540584 isbnciteaza: AnAparitie:2008 NrAutori:3, http://dx.doi.org/10.1016/j.matchemphys.2007.10.012	(5/[3])	1.666	https://drive.unitbv.ro/s/3KjgSXs9QRoTJ7H
8	titlucitat:Magnetoresistive Properties and Microstructure of NiFe Thin Films and NiFe(t)/Cu(s)/NiFe(t) Multilayer Films, Thin Solid Films, 343-344 (1999) pag. 218-221 issncitat:00406090 titlu:PRAMANA-JOURNAL OF PHYSICS issnciteaza:03044289 isbnciteaza: AnAparitie:2006 NrAutori:3, http://link.springer.com/article/10.1007/BF02708462	(5/[3])	1.666	https://drive.unitbv.ro/s/a5cTg3xdr5HRiqF

9	titlucitat:Surface magnetisation sensor for characterization of magnetic thin films and spin-valves structures, Microelectronic Engineering 51-52 (2000) 409-413 issncitat:01679317 titlu:MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY issnciteaza:09215107 isbnciteaza: AnAparitie:2003 NrAutori:2, http://www.sciencedirect.com/science/article/pii/S0921510702004518	(5/[2])	2.5	https://drive.unitbv.ro/s/EGWkHFbHZRbKiLF
10	titlucitat:Magnetoresistance and Magnetic Properties of Magnetic Thin Film Multilayers, Surface Science 482-485 (2001) 1010-1014 issncitat:00396028 titlu:JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS issnciteaza:14544164 isbnciteaza: AnAparitie:2013 NrAutori:2, https://old.joam.inoe.ro/download.php?idu=3148	(5/[2])	2.5	https://drive.unitbv.ro/s/mKfRQydf8tZsgAS
11	titlucitat:Magnetoresistance and Magnetic Properties of Magnetic Thin Film Multilayers, Surface Science 482-485 (2001) 1010-1014 issncitat:00396028 titlu:JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS issnciteaza:14544164 isbnciteaza: AnAparitie:2010 NrAutori:2, https://old.joam.inoe.ro/download.php?idu=2418	(5/[2])	2.5	https://drive.unitbv.ro/s/3Xj3rbL7Ly2nmx2
12	titlucitat:Magnetoresistance and Magnetic Properties of Magnetic Thin Film Multilayers, Surface Science 482-485 (2001) 1010-1014 issncitat:00396028 titlu:INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE issnciteaza:14523981 isbnciteaza: AnAparitie:2007 NrAutori:2 , http://www.electrochemsci.org/papers/vol2/2010072.pdf	(5/[2])	2.5	https://drive.unitbv.ro/s/aFjfKfK6YSsjj52
13	titlucitat:Magnetoresistance and Magnetic Properties of Magnetic Thin Film Multilayers, Surface Science 482-485 (2001) 1010-1014 issncitat:00396028 titlu:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 isbnciteaza: AnAparitie:2003 NrAutori:2, http://dx.doi.org/10.1063/1.1537453	(5/[2])	2.5	https://drive.unitbv.ro/s/4338TEdKEgWGgry
14	titlucitat:Hall Effect and Magnetoresistance measurements on permalloy (Py) thin films and Py/Cu/Py multilayers, J. Optoelectron. Adv. Mater. 4(1), 2002, 79-84 issncitat:14544164 titlu:JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS issnciteaza:14544164 isbnciteaza: AnAparitie:2008 NrAutori:3, https://old.joam.inoe.ro/index.php?option=magazine&op=view&idu=1261&catid=24	(5/[3])	1.666	https://drive.unitbv.ro/s/Zs2oYsZb54SScfW
15	titlucitat:Hall Effect and Magnetoresistance measurements on permalloy (Py) thin films and Py/Cu/Py multilayers, J. Optoelectron. Adv. Mater. 4(1), 2002, 79-84 issncitat:14544164 titlu:JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS issnciteaza:14544164 isbnciteaza: AnAparitie:2006 NrAutori:3, https://old.joam.inoe.ro/arhiva/pdf8_5/5Petrou.pdf	(5/[3])	1.666	https://drive.unitbv.ro/s/q5zaf7yAAprAwi2
16	titlucitat:Hall Effect and Magnetoresistance measurements on permalloy (Py) thin films and Py/Cu/Py multilayers, J. Optoelectron. Adv. Mater. 4(1), 2002, 79-84 issncitat:14544164 titlu:JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS issnciteaza:14544164 isbnciteaza: AnAparitie:2006 NrAutori:3, https://old.joam.inoe.ro/arhiva/pdf8_5/5Hristoforou.pdf	(5/[3])	1.666	https://drive.unitbv.ro/s/Rtqm2kTNzojWLiA
17	titlucitat:Computer Simulation of Magnetization Curves in Magnetic Thin Films, Journal of optoelectronics and advanced materials, 5(1), 2003, p. 319-324 issncitat:14544164 titlu:PHYSICAL REVIEW B issnciteaza:10980121 isbnciteaza: AnAparitie:2006 NrAutori:2, http://journals.aps.org/prb/abstract/10.1103/PhysRevB.73.155327	(5/[2])	2.5	https://drive.unitbv.ro/s/SBqWQskqN799Tb3

18	titlucitat:Hall Effect in Permalloy Based Thin Films and Magnetic Multilayers, Journal of Magnetism and Magnetic Materials, 272-276 (2004), 1881-1882 issncitat:03048853 titlu:JOURNAL OF APPLIED PHYSICS issnciteaza:00218979 isbnciteaza: AnAparitie:2012 NrAutori:2, http://dx.doi.org/10.1063/1.3677832	(5/[2])	2.5	https://drive.unitbv.ro/s/Yej8xMNGczCsrc7
19	titlucitat:Hall Effect in Permalloy Based Thin Films and Magnetic Multilayers, Journal of Magnetism and Magnetic Materials, 272-276 (2004), 1881-1882 issncitat:03048853 titlu:INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE issnciteaza:14523981 isbnciteaza: AnAparitie:2007 NrAutori:2, http://www.electrochemsci.org/papers/vol2/2010072.pdf	(5/[2])	2.5	https://drive.unitbv.ro/s/e6fGWgEaAyBRGRx
20	titlucitat:Simulated and measured hysteresis curves for thin films, Physica B: Condensed Matter, 372 (2006) 198-201 issncitat:09214526 titlu:ADVANCED MATERIALS issnciteaza:09359648 isbnciteaza: AnAparitie:2007 NrAutori:2, http://onlinelibrary.wiley.com/doi/10.1002/adma.200602222/full	(5/[2])	2.5	https://drive.unitbv.ro/s/y3Zi6nQMmq8nZ3z
21	titlucitat:Simulated and measured hysteresis curves for thin films, Physica B: Condensed Matter, 372 (2006) 198-201 issncitat:09214526 titlu:INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE issnciteaza:14523981 isbnciteaza: AnAparitie:2007 NrAutori:2, http://www.electrochemsci.org/papers/vol2/2010072.pdf	(5/[2])	2.5	https://drive.unitbv.ro/s/wCY5N9S2bJoAi7R
22	titlucitat:Magnetoresistive sensors based on AMR and GMR effects for biomedical applications, Journal of optoelectronics and advanced materials, 9(6), 2007, p.1808-1812 issncitat:14544164 titlu:ANALYTICAL CHEMISTRY issnciteaza:00032700 isbnciteaza: AnAparitie:2008 NrAutori:2, http://pubs.acs.org/doi/abs/10.1021/ac800967t	(5/[2])	2.5	https://drive.unitbv.ro/s/XsBN7E4AMY9DeZg
23	titlucitat:Magnetic field sensors based on permalloy multilayers and nanogranular films, Journal of Magnetism and Magnetic Materials, 316 (2007), e265-e268 issncitat:03048853 titlu:APPLIED SURFACE SCIENCE issnciteaza:01694332 isbnciteaza: AnAparitie:2014 NrAutori:2, http://dx.doi.org/10.1016/j.apsusc.2014.01.079	(5/[2])	2.5	https://drive.unitbv.ro/s/XXAF7gz3MsBpZY7
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125	titluCitat:Current trends in planar Hall effect sensors: evolution, optimization, and applications titlu:Exchange-Biased Multiring Planar Hall Magnetoresistive Sensors With Nanotesla Resolution in Nonshielded Environments, IEEE MAGNETICS LETTERS Dată:2024 NrAutori:9, https://doi.org/10.1109/LMAG.2024.3490380	(5/[9])	0.555	https://drive.unitbv.ro/s/rgQrw9CXFxXmRon
126	titluCitat:Magnetic field sensors based on permalloy multilayers and nanogranular films titlu:Electron-beam synthesis of thin magneto-dielectric coatings with mixed nickel-iron and upper alumina layers, CERAMICS INTERNATIONAL, Elsevier Dată:2023 NrAutori:2, https://doi.org/10.1016/j.ceramint.2023.09.175	(5/[2])	2.5	https://drive.unitbv.ro/s/5MjpogB4ntyGb5P
127	titluCitat:Magnetic field sensors based on permalloy multilayers and nanogranular films titlu:Design of a Novel Magnetic Induction Switch with a Permalloy Film and a Trans-Impedance Amplifier Circuit, INVENTIONS, MDPI Dată:2024 NrAutori:2, https://doi.org/10.3390/inventions9010004	(5/[2])	2.5	https://drive.unitbv.ro/s/CrfBe68MYbFiL48
128	titluCitat:Simulated and measured hysteresis curves for thin films titlu:Evidence of the inverse proximity effect in tunnel magnetic josephson junctions, LOW TEMPERATURE PHYSICS, AIP Publishing Dată:2024 NrAutori:2, https://doi.org/10.1063/10.0027923	(5/[2])	2.5	https://drive.unitbv.ro/s/FtNE4Y57saWsj7c
129	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:Progress in self-powered, multi-parameter, micro sensor technologies for power metaverse and smart grids, NANO ENERGY, Elsevier Dată:2023 NrAutori:6, https://doi.org/10.1016/j.nanoen.2023.108959	(5/[6])	0.833	https://drive.unitbv.ro/s/mdzisWkMtpSfP2E
130	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:Design and Optimization of Multi-Stage TMR Sensors for Power Equipment AC/DC Leakage Current Detection, SENSORS- MDPI Dată:2023 NrAutori:6, https://doi.org/10.3390/s23104749	(5/[6])	0.833	https://drive.unitbv.ro/s/3DqxgrWo7fgmgeB
131	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor. Sensors titlu:Flexible Manipulation of Operating Range in Giant Magnetoresistance Unipolar Switch Based on Double-Pinned Spin Valve, IEEE TRANSACTIONS ON MAGNETICS Dată:2023 NrAutori:6, https://doi.org/10.1109/TMAG.2023.3260923	(5/[6])	0.833	https://drive.unitbv.ro/s/NwRNata5CG4PZQA
132	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:Giant magnetoresistance (GMR) spin-valve based magnetic sensor with linear and bipolar characteristics for low current detection, JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, Elsevier Dată:2023 NrAutori:6, https://doi.org/10.1016/j.jmmm.2023.170679	(5/[6])	0.833	https://drive.unitbv.ro/s/aLRGDbXExZZyy4Q
133	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:An On-chip DC to 42.8 MHz Bandwidth Readout Interface for Hybrid Current Sensor, 2023 IEEE APPLIED POWER ELECTRONICS CONFERENCE AND EXPOSITION, APEC, 2023 Dată:2023 NrAutori:6, https://doi.org/10.1109/APEC43580.2023.10131281	(5/[6])	0.833	https://drive.unitbv.ro/s/ktM5Wo2Q9nTMT3r
134	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:An Integrated TMR-Based Current Sensing Solution for WBG Power Modules and Converters, IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY Dată:2024 NrAutori:6, https://doi.org/10.1109/TCPMT.2024.3392483	(5/[6])	0.833	https://drive.unitbv.ro/s/6rMn5DQLHE2QMi5

135	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor. Sensors titlu:A High-Precision Temperature Compensation Method for TMR Weak Current Sensors Based on FPGA, MICROMACHINES, MDPI Dată:2024 NrAutori:6, https://doi.org/10.3390/mi15121407	(5/[6])	0.833	https://drive.unitbv.ro/s/AXNHJ4dQm7r96ns
136	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:Prospective Review of Magneto-Resistive Current Sensors with High Sensitivity and Wide Temperature Range, JOURNAL OF LOW POWER ELECTRONICS AND APPLICATIONS, MDPI Dată:2024 NrAutori:6, https://doi.org/10.3390/jlpea14030043	(5/[6])	0.833	https://drive.unitbv.ro/s/qHWcsWkLNBEFK7L
137	titluCitat:Low Field Optimization of a Non-Contacting High-Sensitivity GMR-Based DC/AC Current Sensor titlu:Non-Contact Current Sensing System Based on the Giant Magnetoimpedance Effect of CoFeNiSiB Amorphous Ribbon Meanders, MICROMACHINES, MDPI Dată:2024 NrAutori:6, https://doi.org/10.3390/mi15010161	(5/[6])	0.833	https://drive.unitbv.ro/s/RrkBZzkZKRJzbWi
	137 Citari in reviste si volume ISI	**TOTAL**	**253.453**	
3.2	Citări în reviste si volumele conferintelor BDI	Formula	Punctaj	Dovada
1	titlucitat:Magnetoresistive properties and microstructure of NiFe thin films and NiFe (t/Cu (s)/NiFe (t) multilayer films, Thin Solid Films Volumes 343–344, April 1999, Pages 218-221 issncitat:00406090 titlu:Structure and Magnetoresistive Properties of Three-layer Film Systems Based on Permalloy and Copper, JOURNAL OF NANO- AND ELECTRONIC PHYSICS, Vol. 8 No 2, 02056(5pp) (2016) issnciteaza:207767, http://dx.doi.org/10.21272/jnep.8(2).02056	(3/[3])	1	https://drive.unitbv.ro/s/kcHQAiLde775S6T
2	titlucitat:Magnetic field sensors based on Permalloy multilayers and nanogranular films, Journal of Magnetism and Magnetic Materials Volume 316, Issue 2, September 2007, Pages e265-e268 issncitat:03048853 titlu:STRUCTURE AND ELECTROCONDUCTIVITY OF THE NANOCRYSTALLINE CoNi THIN FILM ALLOYS, J. Nano- Electron. Phys., 1 (2009) No3, P. 58-64 issnciteaza:20776772 AnAparitie:2009 NrAutori:2, https://jnep.sumdu.edu.ua/en/full_article/68	(3/[2])	1.5	https://drive.unitbv.ro/s/ZJm6F7eFEmqZErL
3	titlucitat:The influence of doping with transition metal ions on the structure and magnetic properties of zinc oxide thin films, The Scientific World Journal, Volume 2014, 2014, Article number 265969 issncitat:1537744X titlu:Magnetic properties of microwave-synthesized Mn-doped SnO2 nanoparticles, Applied Physics A: Materials Science and Processing Volume 122, Issue 11, 1 November 2016, Article number 986, https://doi.org/10.1007/s00339-016-0519-4	(3/[2])	1.5	https://drive.unitbv.ro/s/6cp8z79DKMNn92E
4	titlucitat:The influence of doping with transition metal ions on the structure and magnetic properties of zinc oxide thin films, The Scientific World Journal, Volume 2014, 2014, Article number 265969 issncitat:1537744X titlu:Defect mediated blue emission and ferromagnetism in Ni doped ZnO nanocrystals, International Journal of ChemTech Research Volume 9, Issue 7, 2016, Pages 688-701, http://dx.doi.org/10.1016/j.jiec.2017.10.051	(3/[2])	1.5	https://drive.unitbv.ro/s/AmGMjGjnGp9gWf4

5	titlucitat:The influence of doping with transition metal ions on the structure and magnetic properties of zinc oxide thin films, The Scientific World Journal, Volume 2014, 2014, Article number 265969 issncitat:1537744X titlu: Influence of copper doping on structural, morphological and optical properties of ZnO nanoparticles, International Journal of ChemTech Research Volume 8, Issue 12, 2015, Page 703-710, https://sphinxsai.com/2015/ch_vol8_no12/3/(703-710)V8N12CT.pdf	(3/[2])	1.5	https://drive.unitbv.ro/s/3tHFE9s5gmk7Lm5
6	titlucitat:High sensitivity differential giant magnetoresistance (GMR) based sensor for non-contacting DC/AC current measurement issncitat:14248220 titlu: Simulation Model of a GMR based Current Sensor, 2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging, SIITME 2020 - Conference Proceedings 9292159, pp. 17-20 issnciteaza:26427036 AnAparitie:2020 NrAutori:4, https://doi.org/10.1109/SIITME50350.2020.9292159	(3/[4])	0.75	https://drive.unitbv.ro/s/bmBtoSkXpjS3jed
7	titlucitat:Antibody functionalized magnetic nanoparticles for circulating tumor cells detection and capture using magnetophoresis issncitat:1757899X titlu:Sains Malaysiana issnciteaza:01266039 AnAparitie:2020 NrAutori:10, http://dx.doi.org/10.17576/jsm-2020-4903-20	(3/[10])	0.3	https://drive.unitbv.ro/s/BHoQ88X8CTqif6y
8	titlucitat:Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method issncitat:21596859 titlu:Materials Letters issnciteaza:0167577X AnAparitie:2018 NrAutori:10, https://doi.org/10.1016/j.matlet.2018.03.083	(3/[10])	0.3	https://drive.unitbv.ro/s/p6PSTkWG6dtMyPW
9	titlucitat:Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method issncitat:21596859 titlu:Russian Journal of Inorganic Chemistry issnciteaza:00360236 AnAparitie:2018 NrAutori:10, https://link.springer.com/article/10.1134/S0036023618060232	(3/[10])	0.3	https://drive.unitbv.ro/s/PAQ4rfpn9TYE9AX
10	titlucitat:Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method issncitat:21596859 titlu:Journal of Luminescence issnciteaza:00222313 AnAparitie:2018 NrAutori:10, https://doi.org/10.1016/j.jlumin.2018.01.043	(3/[10])	0.3	https://drive.unitbv.ro/s/XSKbTdzbH86Ynkk
11	titlucitat:Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method issncitat:21596859 titlu:Materials Chemistry and Physics issnciteaza:02540584 AnAparitie:2019 NrAutori:10, https://doi.org/10.1016/j.matchemphys.2019.02.090	(3/[10])	0.3	https://drive.unitbv.ro/s/A46jWg8Wsx2W3BP
12	titlucitat:Structural and luminescence properties of yellow phosphors prepared by a modified sol-gel method issncitat:21596859 titlu:Optik issnciteaza:00304026 AnAparitie:2020 NrAutori:10, https://doi.org/10.1016/j.ijleo.2020.164437	(3/[10])	0.3	https://drive.unitbv.ro/s/z2FcyBwbDmNZjA7
13	titlucitat:The influence of doping with transition metal ions on the structure and magnetic properties of zinc oxide thin films issncitat:23566140 titlu:Optimization of ALD grown Ni-, Co- and Fe-doped ZnO films, Journal of Physics: Conference Series issnciteaza:17426588 AnAparitie:2020 NrAutori:2, https://doi.org/10.1088/1742-6596/1492/1/012053	(3/[2])	1.5	https://drive.unitbv.ro/s/95o7E3mRMkKMyaE
14	titlucitat:The influence of doping with transition metal ions on the structure and magnetic properties of zinc oxide thin films issncitat:23566140 titlu: The influence of methanol and NH4Cl on solvothermal ZnO synthesis and properties, Applied Physics A: Materials Science and Processing issnciteaza:09478396 AnAparitie:2020 NrAutori:2, https://doi.org/10.1007/s00339-020-03636-w	(3/[2])	1.5	https://drive.unitbv.ro/s/PLtYJFxLmSWQAjY

15	titlucitat:Microbiosensor for electrical impedance spectroscopic study of melanoma cells issncitat:23770678 titlu:Proceedings of the International Conference on Sensing Technology, ICST 2014-January, pp. 348-351 issnciteaza:21568065 AnAparitie:2014 NrAutori:9, https://core.ac.uk/download/pdf/304199794.pdf	(3/[9])	0.333	https://drive.unitbv.ro/s/xroER5njPaF4LdT
15	titlucitat:Microbiosensor for electrical impedance spectroscopic study of melanoma cells issncitat:23770678 titlu:International Journal on Smart Sensing and Intelligent Systems issnciteaza:11785608 AnAparitie:2014 NrAutori:9, https://doi.org/10.21307/ijssis-2019-080	(3/[9])	0.333	https://drive.unitbv.ro/s/ikFPHLcjfp8FTnj
17	titluCitat: On Detection of Magnetic Nanoparticles Using a Commercial GMR Sensor, 2021 International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2021, Pages 1 – 6 titlu: Controlling crystal habit and magnetic properties of Fe3O4 nanoparticles through the stirring velocity for bio-detection applications, Nano-Structures and Nano-Objects, 2024, NrAutori:6, https://doi.org/10.1016/j.nanoso.2024.101123	(3/[6])	0.5	https://drive.unitbv.ro/s/CpBDRSbkeXrmzxs
18	titluCitat: On Detection of Magnetic Nanoparticles Using a Commercial GMR Sensor, 2021 International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2021, Pages 1 – 6 titlu: A New Platform of Iron Oxide-Based Nanoparticles Assay Using GMR Chip-Based Sensor With Microcontroller, IEEE Sensors Journal, 2022, NrAutori:6, https://doi.org/10.1109/JSEN.2022.3207213	(3/[6])	0.5	https://drive.unitbv.ro/s/EpnG6Cm2cAMii89
19	titluCitat: On Detection of Magnetic Nanoparticles Using a Commercial GMR Sensor, 2021 International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2021 and 2021 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2021, Pages 1 - 6 titlu: Structures of Giant Magnetoresistance Sensors for Magnetic Bead Detection, IEEE Sensors Journal, Volume 24, Issue 22, Pages 36587 - 36593, 2024, NrAutori:6, https://doi.org/10.1109/JSEN.2024.3426616	(3/[6])	0.5	https://drive.unitbv.ro/s/zgRC3Foyzbczt3A
20	titluCitat: Magnetic Sensors: Principles, Methodologies, and Applications, in Handbook of Nanosensors: Materials and Technological Applications, Pages 891 - 9281, 2024 titlu:Magnetoelectric BAW and SAW Devices: A Review, Micromachines MDPI Dată:2024 NrAutori:5, https://doi.org/10.3390/mi15121471	(3/[5])	0.6	https://drive.unitbv.ro/s/qgtysDQQt3BfdbT
21	titluCitat:Low cost and integrable healthcare services using VoIP for remote patient monitoring titlu:Review and Enhancement of VoIP Security: Identifying Vulnerabilities and Proposing Integrated Solutions, Journal of Telecommunications and the Digital Economy Dată:2024 NrAutori:3, https://jtde.telsoc.org/index.php/jtde/article/view/1022	(3/[3])	1	https://drive.unitbv.ro/s/fPLgWB27Wa3Gp3d
22	titluCitat:Low cost and integrable healthcare services using VoIP for remote patient monitoring titlu:Enhancing VoIP in Telemedicine by Hybrid Jitter Buffer Algorithm, 2024 Control Instrumentation System Conference: Guiding Tomorrow: Emerging Trends in Control, Instrumentation, and Systems Engineering, CISCON 2024 Dată:2024 NrAutori:3, https://ieeexplore.ieee.org/document/10696234	(3/[3])	1	https://drive.unitbv.ro/s/pdksKN8x7PzAGpJ

23	titluCitat:Microbiosensor for Electrical Impedance Spectroscopic Study of Melanoma Cells titlu:A Novel Stimulus Artifact Suppression System Using An Impedance-based Template, 2024 IEEE Biomedical Circuits and Systems Conference, BioCAS 2024 Dată:2024 NrAutori:9, https://ieeexplore.ieee.org/document/10798130	(3/[9])	0.333	https://drive.unitbv.ro/s/tXFbmacrtXDX9Aw
24	titluCitat:On Magnetic Nanoparticles Detection Using Planar Hall Effect Sensors titlu:A Review of Characterization Techniques for Ferromagnetic Nanoparticles and the Magnetic Sensing Perspective, Applied Sciences, MDPI Dată:2024 NrAutori:2, https://doi.org/10.3390/app14125134	(3/[2])	1.5	https://drive.unitbv.ro/s/taLZ8C5sRocsHYN
	24 Citari in baze de date BDI	**TOTAL**	**19.149**	
3.3.1	Prezentări invitate în plenul unor manifestări stiintifice internationale si Profesor invitat (exclusiv POS, ERASMUS)	Formula	Punctaj	Dovada
1	titluP:Magnetoresistance sensors with magnetic layers for high sensitivity measurements titluM: 8th International Balkan Workshop on Applied Physics, Universitatea Ovidius, Constanta, Romania, July 5 - 7, 2007	(20)	20	https://drive.unitbv.ro/s/jLd9iw57Hfn83ef
	1 Prezentare invitata	**TOTAL**	**20**	
3.4.1	Membru în colectivele de redactie sau comitete stiintifice al revistelor si manifestărilor stiintifice , Organizator de manifestări stiintifice, Recenzor pentru reviste - ISI	Formula	Punctaj	Dovada
1	Publicatie:Electronics, Guest editor, Special Issue Advanced Magnetic and Electrical Characterization Techniques Perioada:2021-2022, https://www.mdpi.com/journal/electronics/special_issues/magnetic_electrical_characterization	(10)	10	https://drive.unitbv.ro/s/9AxfGwHmRQMo5eJ
2	Publicatie:Sensors, Reviewer, Perioada:2022, https://www.mdpi.com/journal/sensors	(10)	10	https://drive.unitbv.ro/s/4bskHJpHBbbmefc
3	Publicatie:Biosensors, Reviewer, Perioada:2022, https://www.mdpi.com/journal/biosensors	(10)	10	https://drive.unitbv.ro/s/Hpm2dBdydwo3iGD
4	Publicatie:Sensors, Reviewer, Perioada:2023, https://www.mdpi.com/journal/sensors	(10)	10	https://drive.unitbv.ro/s/inA23JpL8776nw6
5	Publicatie:Electronics, Reviewer, Perioada:2023, https://www.mdpi.com/journal/electronics	(10)	10	https://drive.unitbv.ro/s/FZR2cwdo84XKMMk
6	Publicatie:IEEE Sensors Letters, Reviewer, Perioada:2023, https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7782634	(10)	10	https://drive.unitbv.ro/s/S2x6sMCLDsieyYX
7	Publicatie:IEEE Sensors Letters, Reviewer, Perioada:2024, https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7782634	(10)	10	https://drive.unitbv.ro/s/NSxEFnFwmcGd5jf

8	Publicatie:Electronics, Reviewer, Perioada:2024, https://www.mdpi.com/journal/electronics	(10)	10	https://drive.unitbv.ro/s/8XfqkF2joPyKJR
9	Publicatie:Micromachines, Reviewer, Perioada:2024, https://www.mdpi.com/journal/micromachines	(10)	10	https://drive.unitbv.ro/s/sBmdkJAxCSDfiQZ
10	Publicatie:Sensors, Reviewer, Perioada:2024, https://www.mdpi.com/journal/sensors	(10)	10	https://drive.unitbv.ro/s/3CQwTKeqzgCNaBo
		TOTAL	**100**	
3.5.2	Referent în comisii de doctorat nationale	Formula	Punctaj	Dovada
1	referent comisie doctorat nationala:MODELAREA PROPRIETĂTILOR MAGNETICE ALE MATERIALELOR COMPOZITE, Autor: Ing. Samoilescu (Bordianu) Adelina Rodica, Conducator stiintific Prof.univ.dr.ing. Valentin Ionită, perioada:2012, UNIVERSITATEA POLITEHNICA DIN BUCUREŞTI, Facultatea de Inginerie Electrică, Departamentul de Electrotehnică	(5)	5	https://drive.unitbv.ro/s/opaA4NSyZmqLSWR
2	referent comisie doctorat nationala: NANOMATERIALE PE BAZĂ DE ITRIU ȘI APLICAȚIILE ACESTORA ÎN OPTOELECTRONICĂ, autor Vasilica Schiopu, Conducator prof. dr. ing. Daniel Munteanu perioada:2019, Universitatea Transilvania din Brasov	(5)	5	https://drive.unitbv.ro/s/8SNQgGNjFCrTf2C
3	referent comisie doctorat nationala:STAREA METASTABILĂ ÎN TRANZIŢII FEROELECTRICE, autor Nicoleta VINETICU, conducator stiintific Prof. Dr. Horia V. Alexandru perioada:12.03.2021, Universitatea din Bucuresti, Facultatea de Fizica Bucuresti,	(5)	5	https://drive.unitbv.ro/s/G9sLYQWtLoQTJRx
4	referent comisie doctorat nationala: STAREA METASTABILĂ ÎN TRANZIȚIILE DE FAZĂ FEROELECTRICE DE ORDINUL DOI, autor Dan Marinel, conducator stiintific Prof. Dr. Horia V. Alexandru perioada: 07.07.2022, Universitatea din Bucuresti, Facultatea de Fizica Bucuresti	(5)	5	https://drive.unitbv.ro/s/wfXsHrcQDnGkFKM
5	referent comisie doctorat nationala: PLASMA-BASED GROWTH AND PROCESSING OF CARBON NANOSTRUCTURES FOR PIEZORESISTIVE AND ELECTROCHEMICAL APPLICATIONS, autor Octavian-Gabriel SIMIONESCU, conducator Prof. C.S. I Dr. Gheorghe DINESCU perioada:16.12.2022,Universitatea din Bucuresti, Facultatea de Fizica Bucuresti	(5)	5	https://drive.unitbv.ro/s/H69pp5E4nM5aBft
6	referent comisie doctorat nationala: STUDII PRIVIND DETECŢIA CELULELOR TUMORALE CIRCULANTE DIN SÂNGE ÎN CARCINOMUL MAMAR LA CÂINE (CANIS LUPUS FAMILIARIS), autor BURINARU Tiberiu Alecu, conducator stiintific Prof. univ. Dr. Militaru Manuella, perioada: 01.03.2024, Universitatea de Stiinte Agronomice si Medicină Veterinară din Bucuresti, Facultatea de Medicină Veterinară	(5)	5	https://drive.unitbv.ro/s/B3swwRGTL2NG739
	6 participari ca referent in comisii de doctorat nationale	**TOTAL**	**30**	
3.7.4	Membru in asociatii profesionale internationale	Formula	Punctaj	Dovada

	asociatia:IEEE, Romania Section, IEEE Sensors Council, Member number: 92137715, Perioada: 2025-01.01.2026, https://www.ieee.org/	(5)	5	https://drive.unitbv.ro/s/62MWqnpxdYsQGJ6
		TOTAL	**5**	
3.7.5	Membru in Consilii si organizatii în domeniul educatiei si cercetării	Formula	Punctaj	Dovada
1	organizatie:Membru in Consiliul Departamentului Ingineria electrică si fizică aplicată Perioada: 2023-2025, https://iesc.unitbv.ro/ro/despre/inginerie-electric%C4%83-%C8%99i-fizic%C4%83-aplicat%C4%83.html	(10)	10	https://drive.unitbv.ro/s/kZzRF6Ri5qPbjjt
		TOTAL	**10**	
		TOTAL A3	**437.602**	
	A=A1+A2+A3	**TOTAL A**	**1716.190**	
4.1	Indice Hirsch conform ISI Knowledge. Dovezile pot fi doar capturi de ecran (print-screen). Nu se furnizeaza link-uri.			https://drive.unitbv.ro/s/jbaYSwrE4qkfkob
	IndiceH ISI:10	10	10	fisier comun
		TOTAL	**10**	
4.2	Indice Hirsch conform Scopus. Dovezile pot fi doar capturi de ecran (print-screen). Nu se furnizeaza link-uri.			https://drive.unitbv.ro/s/jbaYSwrE4qkfkob
	IndiceH SCOPUS:11	11	11	fisier comun
		TOTAL	**11**	
4.3	Indice Hirsch conform Google Scholar. Dovezile pot fi doar capturi de ecran (print-screen). Nu se furnizeaza link-uri.			https://drive.unitbv.ro/s/jbaYSwrE4qkfkob
	IndiceH GS:13	13	13	fisier comun
		TOTAL	**13**	

07.05.2025

Conf. Dr. Ing. Fiz. Marius VOLMER