

FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR CNATDCU

Conferențiar Mona Mihăilescu

Domeniul FIZICA

Indeplinirea standardelor minimale conform OMESNCS Nr. 6129/2012.2016	Standarde îndeplinite, conform Comisiei CNATDCU Nr. 3 FIZICA, Anexata: FIŞA de calcul și de susținere a îndeplinirii standardelor minimale specifice domeniului, în acord cu realizările menționate	
Condiții minimale (Punctaj)	Minim prevazut	Realizat
1. Activitate didactică și profesională (A)	2	A = 12.44
2. Activitatea de cercetare		
2.1 Articole științifice originale in extenso ca autor publicate in reviste cotate ISI	4	I = 6.064
2.2 Articole științifice originale in extenso ca autor publicate in reviste cotate ISI si in proceedings cotate ISI, ca prim autor sau ca autor corespondent.	4	P = 8.68
3. Recunoasterea impactului activității		
3.1.Citari in reviste stiintifice cu factor de impact care se gasesc in InCites Journal Citation Reports sau in carti in edituri recunoscute Web of Science. Nu se iau in considerare citările care au ca autor sau coautor candidatul	40	C = 71.635
3.2. Indice Hirsch	10	h = 10
Punctaj total CNATDCU T=(A+ P / 2+ I / 2+ C / 20 +h / 5)	12	T= 25.394

Observatie: Articolele si citarile publicate la data depunerii dosarului, dar care inca nu au primit cod Web of Science nu au fost adunate la sume.

1. Activitate didactică și profesională

Nr. crt.	Tipul activitatii	Indicatori
1	Carti in edituri internationale	A ₁ =0
2	Capitole de carti in edituri internationale	A ₂ =0
3	Carti in edituri internationale in calitate de editor	A ₃ =0
4	Carti, manuale, indrumare de laborator,in edituri nationale in calitate de autor, note interne, prezentari sustinute pentru aprobarea analizelor de date in cadrul colaborarilor mari (Vezi desfasuratorul pe pagina 2)	A ₄ = 1.417
5	Capitole de carti in calitate de autor	A ₅ =0
6	Lucrari in extenso (cel putin 3 pagini) in calitate de autor, publicate in Proceedings indexate ISI. (Vezi desfasuratorul pe pagina 2)	A ₆ = 0.889
7	Brevete de inventie internationale acordate	A ₇ =0
8	Brevete de inventie nationale acordate (Vezi desfasuratorul pe pagina 4)	A ₈ = 0.25
9	Director/responsabil/coordonator programe de studii, de formare continua ,etc	A ₉ =0
10	Director/responsabil/coordonator in valoare V _i euro, castigate prin competitie nationala sau internationala. Sumele in lei au fost convertite in euro conform cursului BNR; (Vezi desfasuratorul pe pagina 5)	A ₁₀ = 9.88
Total activitate didactică și profesională		12.44

Desfășurător punctul A4:

A4 *Cărți, manuale, îndrumare în edituri naționale*

0.25	=	0.5/2	Al. M. Preda, M. MIHĂILESCU , <i>Straturi subțiri. Thin films. Couches Mince</i> s, 276 pagini, Ed. Printech, București, 2004, ISBN 973-718-038-0
0.5	=	0.5/1	MIHAILESCU M. , Mecanică clasică. Legi fundamentale și aplicații în bioinginerie. 230 pagini, Politehnica Press 2014 ISBN 978-606-515-464-3
0.25	=	0.5/2	MIHAILESCU M. , N. Eșeanu, Biofizică și bioinginerie. Lucrări practice. 222 pagini, Politehnica Press 2015 ISBN 978-606-515-610-4
0.25	=	0.5/2	MIHAILESCU M. , I. A. Păun, Modelarea fenomenelor din biofizică prin soft specializat. Îndrumar de laborator. 177 pagini, Politehnica Press 2016 ISBN 978-606-515-703-3
0.167	=	0.5/3	MIHAILESCU M. , I. A. Păun, L. A Niță, Fizică și Biofizică. Probleme și Aplicații, 170 pagini, Politehnica Press 2021 ISBN 978-606-515-953-2
1.417			Total A4

Desfășurător punctul A6:

A6 *Lucrări în extenso în Proceedings ISI*

scor	n ef	
0.033	6.00	Mihailescu, M ; Paun, IA; Scarlat, EI; Mihale, N; Tranca, D; Calin, BS; Luculescu, CR. Optimal Unequal Phase Steps for Laser Direct Writing in DPE Manufacturing, HOLOGRAPHY, DIFFRACTIVE OPTICS, AND APPLICATIONS VIII, Edited by:Sheng, Y; Yu, C; Zhou, C, Book Series: Proceedings of SPIE, vol. 10818, 2018, UNSP 10818V, DOI: 10.1117/12.2500922, WOS:000455784500051 ISBN:978-1-5106-2235-7
0.1	2.00	Mihailescu M , Vasile G, Determination of refractive index profile of a single-mode optical fiber using digital holographic measurements, ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES IX, Edited by:Vladescu, M; Tamas, R; Cristea, I, Book Series: Proceedings of SPIE, vol 10977, 2018, UNSP 109770M, DOI: 10.1117/12.2324895 WOS:000458717900021 ISBN:978-1-5106-2614-0
0.05	4.00	M. Mihăilescu , L. Preda, C. Kusko, E. Scarlat, Diffraction patterns from holographic masks generated using combined axicon and helical phase distributions Proceedings of SPIE Volume: 9258, 92580T, 2015, DOI: 10.1117/12.2070446, WOS:000354179700029, ISBN:978-1-62841-325-0
0.033	6.00	M. Mihăilescu , N. Mihale, R. C. Popescu, A. Acasandrei, I. A. Paun, M. Dinescu, E. Scarlat, Focusing criterion in digital holographic microscopy image reconstruction Proceedings of SPIE, Volume: 9258 Article Number: 92580U, 2015, DOI: 10.1117/12.2070450 Published: 2015 WOS:000354179700030 ISBN:978-1-62841-325-0 , ISSN: 0277-786X
0.04	5.00	Omocea, IL; Damian, IR; Simionescu, SM; Balan, C, M. Mihailescu , Time evolution of dimethyl carbinol in water vortex rings, Advances Topics in Optoelectronics, Microelectronics, Nanotechnologies VII, Edited by:Cristea, I; Vladescu, M; Tamas, R, Book Series: Proceed. of SPIE, vol 9258, 92582P, , 2015, DOI: 10.1117/12.2072347, WOS:000354179700097, ISBN:978-1-62841-325-0
0.036	5.50	M. Mihailescu ; Matei A.; Acasandrei A.; Popescu, R. C.; Paun, I. A.; Dinescu, M., MG63 cells behavior on rough Polypyrrole scaffolds investigated by digital holographic microscopy, Proceedings of SPIE, Vol. 9204, 92040N, DOI: 10.1117/12.2062016, 2014, WOS:000343873800020, ISBN:978-1-62841-231-4
0.067	3.00	M. Mihailescu ; Kusko, C. Preda, L., Optical information transfer based on helico-conical laser beams Proceedings of SPIE, vol. 9194, 919406, DOI: 10.1117/12.2062036, 2014, WOS:000344257300001, ISBN:978-1-62841-221-5
0.036	5.50	M. Mihailescu , Preda, L; Gheorghiu, A; Kusko, M; Curcan, O; Kusko, C, Asymmetric Diffraction Orders Based on Axicon and Helical Phase Combination, 2013 CONFERENCE ON LASERS AND ELECTRO-OPTICS PACIFIC RIM (CLEO-PR), Book Group Author(s):IEEE, 2013, WOS:000334176100548, ISBN:978-1-4673-6476-8
0.033	6.00	M. Mihailescu , Paun, IA; Popescu, RC; Matei, A; Acasandrei, A; Dinescu, M Scarlat, EI, Deep Walls Microscaffold Characterization Using Digital Holographic Microscopy, 2013 CONFERENCE ON LASERS AND ELECTRO-OPTICS PACIFIC RIM (CLEO-PR),

		Book Group Author(s):IEEE, 2013, WOS:000334176100679 , ISBN:978-1-4673-6476-8
0.04	5.00	lie, A G; M. Mihăilescu ; Gabor, R A; Curcan, O, Nicolae, C-A, Polaroscopic and Interferometric Measurements of the Mechanical Stress, Proceedings of SPIE, Vol. 8411, UNSP 84110M, DOI: 10.1117/12.966395, 2012, WOS:000327457500019 , ISBN:978-0-8194-9089-6
0.067	3.00	Schiriac, C G; Mihale, N; M. Mihăilescu ; Holographic Screening of Dynamic Real Scenes, Proceedings of SPIE, Vol. 8411, UNSP 84110N, DOI: 10.1117/12.966385, 2012, WOS:000327457500020 , ISBN:978-0-8194-9089-6
0.05	4.00	M. Mihăilescu ; Ilie, A G, Costescu, J; Nedelcu, O T, High-speed phenomena visualization using digital holographic microscopy, Proceedings of SPIE, Vol. 8430, 84301F, DOI: 10.1117/12.922740, 2012, WOS:000305704500045 , ISBN:978-0-8194-9122-0 , ISSN: 0277-786X
0.067	3.00	M. Mihăilescu , Scarlat EI, Kusko M, Microchannel-pinhole parameters investigation for cells visualization in holographic microscopy, Internat. Semicond. Confer (CAS 2011), 34TH edition, Vols 1 - 2, Book Group Author(s):IEEE Electron Devices Society, Book Series: International Semiconductor Conference, Pages: 75-78, WOS:000320322000016 , ISBN:978-1-61284-171-7 , ISSN: 1545-827X
0.036	5.50	M. Mihăilescu ; Cojocaru, R E, Kusko, C., Toanca, F; Dinescu, A.; Schiopu, P., Single particle atmospheric aerosol analysis using digital holographic microscopy, Proceedings of SPIE, Vol. 8074, 807403, DOI: 10.1117/12.886755, 2011, WOS:000293696400002 , ISBN:978-0-81948-664-6
0.067	3.00	M. Mihăilescu , Linte V, Curcan O, Dimensions and position of the signal window in computer generated holograms, Adv Topics Optoelect, Microelectr, Nanotech, Edited by:Schiopu, P; Caruntu, G, Book Series: Proceedings of SPIE, Vol: 7821, Art No: 782112, 2010, DOI: 10.1117/12.882084, WOS:000287803900037 , ISBN:978-0-8194-8330-0 , ISSN: 0277-786X
0.067	3.00	M. Mihăilescu , Pavel E, Nicolae VB, Off-axis holograms recording in photochromic glass Adv Topics Optoelect, Microelectr, Nanotech, Edited by:Schiopu, P; Caruntu, G, Book Series: Proceedings of SPIE, Vol: 7821, Art No: 782113, 2010, DOI: 10.1117/12.882087, WOS:000287803900038 , ISBN:978-0-8194-8330-0 , ISSN: 0277-786X
0.067	3.00	Preda L, M. Mihăilescu , Scarlat E, Light control using photonic crystals and metallic slits, Adv Topics Optoelect, Microelectr, Nanotech, Edited by:Schiopu, P; Caruntu, G, Book Series: Proceedings of SPIE, Vol: 7821, Art No: 782111L, 2010, DOI: 10.1117/12.882263, WOS:0002878039000567 , ISBN:978-0-8194-8330-0 , ISSN: 0277-786X
0.067	3.00	M. Mihăilescu , Sobetkii A, Pelteacu M, Diffractive microlenses with binary focal points on the optical axis, Internat Semicond Conf, CAS, vol 1-2, Book Group Author(s):IEEE, Book Series: Internat Semicond Conf, Pages: 113-116, 2010, WOS:000371396100020 , ISBN:978-1-4244-5781-6 , ISSN: 1545-827X
0.889		Total A6

Desfășurător punctul A8:

A8	Brevete naționale acordate	Nr. Autori
1	Brevet de inventie nr. 126877 , Titulari: MIHAILESCU M , Curcan O, Procedeu de transformare a unei holograme calculate cu structură fină cvasi-periodică cu pixeli nedivizați, într-o hologramă cu structura hibridă, rezultând o marcă holografică înalt securizată	2 0.5/2 = 0.25

Desfășurător punctul A10:

A10	Director/Responsabil proiecte cercetare câștigate prin competiție		
valoare proiect (lei)	curs Ron/Euro	puncte	
1500000	3.3	4.55	µDIGIHOLOLAB Dezvoltarea laboratorului de holografie digitală cu echipamente pentru analiza sistemelor micro-opto-electromecanice și biologice PN II Capacitate 4/CP/I/11.09.2007, Beneficiar: UEFISCDI

350000	4.5		0.78	HOLCOMM Comunicatii optice securizate de mare capacitate prin spatiul liber, bazate pe holograme generate pe computer PCCA 203/2012 PN-II-PT-PCCA-2011-3.2-0862, Beneficiar: UEFISCDI
420000	4.6		0.91	<u>OTED</u> Optimizarea tehnologiei de producere a elementelor optice difract cu aplicatii in securizare 45BG/30.09.2016 PN-III-P2-2.2-BG-2016-0288 Beneficiar: UEFISCDI
197000	4.6		0.43	TSCEH Transfer tehnologic pentru cresterea nivelului de securizare si a calitatii etichetelor holografice 37PTE/2016 PN-III-P2-2.1-PTE-2016-0072 Beneficiar: UEFISCDI
150000	4.5		0.33	<u>MEFSYS</u> Sistem micro-electro-fluidic pentru separarea si electroporarea celulelor biologice PARTENERIATE nr. 30/2014, PN-II-PT-PCCA-2013-4-1141/AD-1 Beneficiar: UEFISCDI
261000	4.6		0.57	<u>THECODE</u> Elemente holografice fabricate prin polimerizare cu doi fotoni pentru model demonstrativ de comunicatii optice 218PED/2017, PN-III-P2-2.1-PDE-2016-1396 Beneficiar: UEFISCDI
840000	4.7		1.79	<u>QTECH-RO</u> Dezvoltarea tehnologiilor cuantice in Romania 79PCCDI/2018 PN-III-P1-1.2-PCCDI-2017-0338 Beneficiar: UEFISCDI
250000	4.7		0.53	<u>CARSAFE</u> Platformă hibridă de comunicații prin lumină vizibilă și realitate augmentată pentru dezvoltarea de sisteme inteligente de asistență și siguranță activă a autovehiculelor 21PCCDI/2018, PN-III-P1-1.2-PCCDI-2017-0917, Beneficiar: UEFISCDI
180000	4.8		0.38	DONANORAD Tehnologie inteligentă bazată pe nanoparticule noi pentru îmbunătățirea terapiei cu fotoni și hadroni 543PED/2020 Beneficiar: UEFISCDI
			9.88	Total A10

Desfășurător punctul 2.1:

2.1 *Articole științifice originale în extenso ca autor*

nr. crt	AIS	n _{ef}	I	
1	0.517	5.5	0.094	M. Mihăilescu , M.Scarlat, A. Gheorghiu, J. Costescu, I.A. Paun, E. I. Scarlat, Automated Imaging, Identification and Counting of Similar Cells From Digital Hologram Reconstruction, Applied Optics, 50, 20, 3589-3597, 2011. WOS: 000293069000027 , https://doi.org/10.1364/AO.50.003589
2	0.474	5.5	0.086	M. Mihăilescu , R.C. Popescu, A. Matei, A. Acasandrei, I.A. Paun, M. Dinescu, Investigation of osteoblast cells behavior in polymeric 3D micropatterned scaffolds using digital holographic microscopy, Appl. Optics 53, 22, p. 4850-4858, 2014. WOS:000340824800018 , https://doi.org/10.1364/AO.53.004850
3	0.695	3	0.232	E Scarlat, M Mihăilescu , IA Păun, Identification of independent modes in two inputs free space communications system, Optics and Lasers in Engineering 136, 106320, 2021, WOS: 000583900900002 , https://doi.org/10.1016/j.optlaseng.2020.106320
4	0.963	6	0.161	VL Calin, M Mihăilescu , N Tarba, AM Sandu, E Scarlat, MG Moisescu, T Savopol, Digital holographic microscopy evaluation of dynamic cell response to electroporation, Biomedical Optics Express 12 (4), 2519-2530, 2021 WOS:000636754000004 , https://doi.org/10.1364/BOE.421959
5	1.261	5	0.252	IA Paun, CC Mustaciosu, M Mihăilescu , BS Calin, AM Sandu, Magnetically-driven 2D cells organization on superparamagnetic micromagnets fabricated by laser direct writing, Scientific Reports 10 (1), 1-12, 2020 WOS: 000577151500013 , https://doi.org/10.1038/s41598-020-73414-4
6	0.943	5	0.189	IA Păun, CC Mustăciosu, RC Popescu, BŞ Călin, M Mihăilescu , Collagen/Chitosan Functionalization of Complex 3D Structures Fabricated by Laser Direct Writing via Two-Photon Polymerization for Enhanced Osteogenesis, International journal of molecular sciences 21 (17), 6426, 2020 WOS: 000570323200001 , https://doi.org/10.3390/ijms21176426
7	0.671	8	0.084	R-D Păvaloiu, F Sha'at, C Bubueanu, M Deaconu, G Neagu, M Sha'at, M Anastasescu, M Mihăilescu , C Matei, G Nechifor, D Berger, Polyphenolic extract from Sambucus ebulus L. leaves free and loaded into lipid vesicles, Nanomaterials 10 (1), 56, 2020 WOS: 000516825600056 , https://doi.org/10.3390/nano10010056
8	0.565	5.5	0.103	I A Paun, B S Calin, C C Mustaciosu, M. Mihăilescu , C S Popovici, C R Luculescu, Osteogenic cells differentiation on topological surfaces under ultrasound stimulation, Journal of Materials Science 54 (16), 11213-11230, 2019 WOS: 000469467500020 , https://doi.org/10.1007/s10853-019-03680-9

9	0.543	6.5	0.084	I A Paun, B S Calin, C C Mustaciosu, M Mihăilescu , A Moldovan, O Crisan, A Leca, C R Luculescu, 3D superparamagnetic scaffolds for bone mineralization under static magnetic field stimulation, Materials 12, 17 2834, 2019 WOS: 00048880300187, https://doi.org/10.3390/ma12172834
10	0.064	6	0.011	EI Scarlat, M Mihăilescu , N Mihale, IA Paun, BS Calin, CR Luculescu, D TRANCĂ, Adaptive phase steps for diffractive phase elements using two-photon polymerization, Journal of Optoelectronics and Advanced Materials, 21, 153-162, 2019 WOS: 000472534300001,
11	0.086	6.5	0.013	A E Coman, A R Gabor, V Raditoiu, C Andi Nicolae, G Hubca, M Mihăilescu , S Stoian, T V Iordache, A study of a class of flame retardant system based on thermal, optical and mechanical analysis, UPB Sci Bull 81, 4, 271-286, 2019 WOS: 000501894000026
12	1.334	8	0.167	I A Paun, R C Popescu, C C Mustaciosu, M Zamfirescu, B S Calin, M Mihăilescu , M Dinescu, A Popescu, D Chioibasu, M Sopronyi, C R Luculescu, Laser-direct writing by two-photon polymerization of 3D honeycomb-like structures for bone regeneration Biofabrication, Volume 10, Number 2, 2018 WOS: 000424236400002, https://doi.org/10.1088/1758-5090/aaa718
13	0.677	7.5	0.09	Panaitecu D M, Frone A N, Chiulan I, Nicolae C A, Trusca R, Ghiurea M, Gabor A R, M Mihăilescu , Casarica A, Lupescu I, Role of bacterial cellulose and poly(3-hydroxyhexanoate-co-3-hydroxyoctanoate) in poly(3-hydroxybutyrate) blends and composites, Cellulose 25, 10, 5569-5591, (2018) WOS: 000444769300008, https://doi.org/10.1007/s10570-018-1980-3
14	0.388	2	0.194	M Mihăilescu , EI Scarlat, Parallel superposition of phase holograms for multiple parameters identification, Applied optics 57 (28), 8460-8466, 2018 WOS: 000446048600047, https://doi.org/10.1364/AO.57.008460
15	0.701	9.5	0.074	M Stafe, AA Popescu, D Savastru, C Negutu, G Vasile, M Mihăilescu , A Ducariu, V Savu, D Tenciu, S Miclos, L Baschir, VV Verlan, Olga Bordian, NN Puscas, Optical hysteresis in SPR structures with amorphous As2S3 film under low-power laser irradiation, Journal of Physics D: Applied Physics 51, 12, 125106, 2018 WOS: 000426710400002, https://doi.org/10.1088/1361-6463/aaa9cf
16	0.094	6	0.016	M Mihăilescu , A Crăciun, R A Gabor, C A Nicolae, M Pelteacu, B Comanescu, G Bostan, Diffractive microstructures with twin focal points, UPB Sci Bull, 2018 WOS: 000435265100026,
17	0.568	6.5	0.087	Calin, V. L., M Mihăilescu , M., Scarlat, E. I., Baluta, A. V., Calin, D., Kovacs, E., Savopol, T., & Moisescu, M. G. Evaluation of the metastatic potential of malignant cells by image processing of digital holographic microscopy data. FEBS open bio, 7(10), 1527–1538. (2017) WOS: 000412100200007, https://doi.org/10.1002/2211-5463.12282
18	0.978	6	0.163	Calin VL, M Mihăilescu Mihale N, Baluta AV, Kovacs E, Savopol T and Moisescu MG Changes in optical properties of electroporated cells as revealed by digital holographic microscopy. Biomed Opt Express 8, 2222–2234 (2017) WOS: 000400499300016, https://doi.org/10.1364/BOE.8.002222
19	0.309	6.5	0.048	D M Panaiteescu, C A Nicolae, A N Frone, I Chiulan, P O Stanescu, C Draghici, M Iorga, M. Mihăilescu , Plasticized poly(3-hydroxybutyrate) with improved melt processing and balanced properties, Journal of Applied Polymer Science Volume 134, Issue 19 2017 WOS: 000395150000024, https://doi.org/10.1002/app.44810
20	0.589	6	0.098	I A Paun, M Zamfirescu, C R Luculescu, A M Acasandrei, C C Mustaciosu, M Mihăilescu , M Dinescu, Electrically responsive microreservoirs for controllable delivery of dexamethasone in bone tissue engineering, Applied Surface Science 392 2016 WOS: 000389088300037, https://doi.org/10.1016/j.apsusc.2016.09.027
21	0.561	5.5	0.102	M Mihăilescu , Paun, I.A., Zamfirescu, CR Luculescu, AM Acasandrei, M Dinescu Laser-assisted fabrication and non-invasive imaging of 3D cell-seeding constructs for bone tissue engineering. J Mater Sci 51, 4262–4273 (2016). WOS: 000370342100008 https://doi.org/10.1007/s10853-016-9723-z
22	0.334	5.5	0.061	Tudor R, M Mihăilescu , Kusko C, Paun I A, Nan A E, Kusko M, Simultaneous and spatially separated detection of multiple orbital angular momentum states, Opt. Comm., 368, 141-149 (2016) WOS: 000371132000024, https://doi.org/10.1016/j.optcom.2016.02.011
23	0.216	5.5	0.039	R Tudor, M Mihăilescu , I A Paun, A E Nan, M Kusko, C Kusko, Propagation robustness of two Laguerre-Gauss beam superposition, Proc. of the Rom. Acad. S. A, 17, 3, 222-229, 2016, WOS: ISI:000383527500005
24	0.052	6	0.009	M Stafe, G C Vasile, C Negutu, A A Popescu, L Baschir, M Mihăilescu , N N PUŞCAŞ, Analysis of the optical absorption and photoinduced birefringence in As2S3 chalcogenide films, UPB SCI BULL, 78, 1, 243-256, 2016 WOS: 000378561000022
25	0.052	5.5	0.009	M Stafe, GC Vasile, A Ducariu, M Mihăilescu , C Negutu, NN PUŞCAŞ, Optical bistability with plasmonic chalcogen-based waveguide structure, UPB Sci Bull, 78, 4, 321-329, 2016 WOS: 000392573500030
26	0.566	6.5	0.087	I.A. Paun, M. Zamfirescu, M. Mihăilescu , C.R. Luculescu; C.C. Mustaciosu, I. Dorobantu, B. Calenic, M. Dinescu, Laser micropatterning of biodegradable polymeric blends for tissue engineering, Journal of Materials Science. 50 iss 2, 923-936, 2015. WOS:000345407900043, https://doi.org/10.1007/s10853-014-8652-y
27	0.574	6.5	0.088	I A Paun, A M Acasandrei, C R Luculescu, C C Mustaciosu, V Ion, M. Mihăilescu , E Vasile, M Dinescu, MAPLE deposition of polypyrrole-based composite layers for bone regeneration, Applied Surface Science, Volume 357, Part A, 975-984 2015 WOS: 000366216900128, https://doi.org/10.1016/j.apsusc.2015.09.083

28	0.064	7	0.009	A A Popescu, L Baschir, D Savastru, M Stafe, G C Vasile, S Miclos, C Negutu, M Mihăilescu , NN Pușcaș, Analytical considerations and numerical simulations for surface plasmon resonance in four layers plasmonic structures which contain high refractive index waveguide, UPB SCI BULL 77, 4, 233-244, 2015 WOS: 000369178600023
29	0.624	7	0.089	I.A. Paun, F. Stokker-Cheregi, C.R. Luculescu, A. M. Acasandrei, V. Ion, M. Zamfirescu, C. C. Mustaciosu, M. Mihăilescu , M. Dinescu, Electrically stimulated osteogenesis on Ti-PPy/PLGA constructs prepared by laser-assisted processes, Mat. Sci. & Eng. C-Mat. For Bio. Appl, 55, 61-69, 2015. WOS:000358809500008 , https://doi.org/10.1016/j.msec.2015.05.059
30	0.184	5	0.037	G Vasile, M. Mihăilescu , V V Verlan, O Bordian, NN Puscas, Surface plasmon resonance and photoinduced dichroism in amorphous chalcogenide As2S3 films, Rom. Rep Phys, 67, 4, 1421-1430, 2015 WOS: 000367274400022
31	0.064	2	0.032	E Scarlat, M Mihăilescu , Computational aspects on serial correlations in coherent time series, UPB Sci Bull, 77, 4, 255-262, 2015 WOS: 000369178600025
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		6.064	TOTAL criteriul 2.1	

Desfășurător punctul 2.2:

2.2 P Articole stiintifice originale in extenso ca prim autor sau autor corespondent AIS		
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P = 8.68 TOTAL criteriul 2.2

Observații :

-*: Scorul pentru articolele pentru care, la data publicarii, Article Influence Scor nu era publicat pe Web of Science au fost luate de pe site-ul www.eigenfactor.org

Desfășurător punctul 3.1:

Nr. crt.	C	nr citari	n ef		
3.1	<i>Citări în reviste științifice cu factor de impact sau cărți în edituri recunoscute Web of Science (excluse autocitările)</i>				
1	3.818	21	5.5	M. Mihăilescu , M.Scarlat, A. Gheorghiu, J. Costescu, I.A. Paun, E. I. Scarlat, Automated Imaging, Identification and Counting of Similar Cells From Digital Hologram Reconstruction, Applied Optics, 50, 20, 3589-3597, 2011.WOS: 000293069000027	
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Desfășurător punctul 3.2:

