

Fișă de îndeplinire a standardelor minimale naționale – Comisia de Fizica
conform Ordinului nr. 6129 din 20 decembrie 2016

Activitatea didactică și de cercetare

Nr. ctr.	Tipul activitatilor	Indicatori	Punctaj
1	Carti in edituri internationale recunoscute Web of Science in calitate de autor	$A_1 = \sum_i 4/n_i^{ef}$	-
2	Capitole de carti in edituri internationale recunoscute Web of Science in calitate de autor/ Review-uri in reviste cotate ISI	$A_2 = \sum_i 1/n_i^{ef}$	1.833
	Fundamentals of magnetism, G. Bulai, O.F. Caltun, capitol de carte in Ferrite Nanostructured Magnetic Materials, Editor(s): J.P. Singh, K. H. Chae, R.C. Srivastava, O. F. Caltun, Woodhead Publishing - Elsevier, ISBN 9780128237175, 2023 (pp.: 3-15)		0.500
	Magnetization processes in ferrite nanoparticles, thin films, and nanowires, I. Dumitru, G. Bulai, O.F. Caltun, capitol de carte in Ferrite Nanostructured Magnetic Materials, Editor(s): J.P. Singh, K. H. Chae, R.C. Srivastava, O. F. Caltun, Woodhead Publishing - Elsevier, ISBN 9780128237175, 2023 (pp.: 55-70)		0.333
	Pulsed laser deposition of ferrite thin films, G. Bulai, O.F. Caltun, capitol de carte in Ferrite Nanostructured Magnetic Materials, Editor(s): J.P. Singh, K. H. Chae, R.C. Srivastava, O. F. Caltun, Woodhead Publishing - Elsevier, ISBN 9780128237175, 2023 (pp.: 223-240)		0.500
	Magnetostriction effects in ferrites, G. Bulai, O.F. Caltun, capitol de carte in Ferrite Nanostructured Magnetic Materials, Editor(s): J.P. Singh, K. H. Chae, R.C. Srivastava, O. F. Caltun, Woodhead Publishing - Elsevier, ISBN 9780128237175, 2023 (pp.: 651-667)		0.500
3	Carti in edituri internationale recunoscute Web of Science in calitate de editor	$A_3 = \sum_i 0.5/n_i^{ef}$	-
4	Carti, manuale, indrumare de laborator in edituri nationale sau alte edituri internationale ca autor, note interne, prezentari sustinute pentru aprobarea analizelor de date in cadrul colaborarilor mari	$A_4 = \sum_i 0.5/n_i^{ef}$	-
5	Capitole de carti in edituri nationale sau alte edituri internationale ca autor	$A_5 = \sum_i 0.2/n_i^{ef}$	0.096
	Filme subțiri. Obținerea filmelor subțiri de ferită de cobalt, B. Negulescu, G. Dascalu, O.F. Caltun din "Ferite de cobalt magnetostrictive", coordinator Ovidiu Florin Caltun, Ed. Alexandru Ioan Cuza Iasi, 2009. (pp.: 131-173)		0.066
	Advanced optical remote sensors for airborne and spaceborne platforms, M. M. Cazacu, A. Timofte, G. Bulai, S. Gurlui, D. Nicolae, A. Nemuc. L. Belegante, C. Radu, book chapter from "Romanian projects and initiatives in		0.03

	support of Earth Observation”, Editor D. Nicolae, Editura Tehnopress, ISBN 978-606-687-281-2, 2016 (pp.: 37-40)		
6	Lucrari in extenso (cel putin 3 pagini) publicate in Proceedings-uri indexate ISI	$A_6 = \sum_i 0.2/n_i^{ef}$	0.088
	Boukhoubza, I., Khenfouch, M., Leontie, L., Achehboune, M., Doroftei, C., Carlescu, A., Bulai, G., Mothudi, B.M., Zorkani, I., Jorio, A. Enhancement of the structural and morphological properties of ZnO/rGO nanocomposites synthesized by hydrothermal method (2021) Materials Today: Proceedings, 53, pp. 324-331		0.026
	Achehboune, M., Khenfouch, M., Boukhoubza, I., Leontie, L., Doroftei, C., Carlescu, A., Bulai, G., Mothudi, B., Zorkani, I., Jorio, A. Microstructural, FTIR and Raman spectroscopic study of Rare earth doped ZnO nanostructures (2021) Materials Today: Proceedings, 53, pp. 319-323.		0.026
	Gurlui, S., Cazacu, M. M., Timofte, A., Rusu, O., Bulai, G., & Dimitriu, D. (2018). Space- and time-resolved Raman and breakdown spectroscopy: Advanced lidar techniques. EPJ Web of Conferences, 176, Article no. 01028, (pp. 1–4).		0.036
7	Brevete de inventie internationale acordate	$A_7 = \sum_i 3/n_i^{ef}$	-
8	Brevete de inventie nationale acordate	$A_8 = \sum_i 0.5/n_i^{ef}$	-
9	Director/responsabil/coordonator pentru programe de studii, programe de formare continua, proiecte educationale si proiecte de infrastructura (proiectele de cercetare se exclud)	$A_9 = \sum_i 0.5$	-
10	Director/ responsabil pentru proiecte de cercetare in valoare Vi euro castigate prin competitie national sau internationala (proiectele de la punctul 9 se exclud). Sumele in lei sau in alte valute se convertesc in euro la cursul mediu din anul respectiv conform www.bnr.ro pentru perioada de dupa 1999 si la cursul din 1999 pentru perioada anterioara. Responsabilii de proiect sunt cei care conduc o echipa de cercetare, fiind mentionati ca atare in proiectul depus; in cazul lor se considera doar suma aferenta echipei conduse.	$A_5 = \sum_i V_i / 100.000$	0.891
	Proiect “Nanostructured double perovskite for solar energy conversion devices”, Acronym: NanoSEC, UEFISCDI, Contract no. TE 11/ 05.05.2020, PN-III-P1-1.1-TE-2021-0265, Suma 445715lei / 89143 euro		0.891
	TOTAL		2.908

Criterii minimale pentru activitatea didactica si profesionala conform ORDIN nr. 6129 din 20 decembrie 2016

CS II A ≥ 1

Activitatea de cercetare si recunoasterea impactului activitatii

Nr. Crt.	Autori	Titlu	An	Jurnal	Vol.	Nr. Art.	DOI	AIS	nr ef. autori	I	P	Nr. citari	C
1	Tiron V., Jijie R., Dumitru I., Cimpoesu N., Burducea I., Iancu D., Borhan A., Gurlui S., Bulai G.	Piezo-ferroelectric response of bismuth ferrite based thin films and their related photo/piezocatalytic performance	2023	Ceramics International	49	20304	10.1016/j.ceramint.2023.03.154	0.55	7	0.079	0.55	0	0.000
2	Borhan A.I., Ghemes A.I., Husanu M.-A., Popescu D.-G., Borca C.N., Huthwelker T., Radu I., Dirtu A.C., Dirtu D., Bulai G., Lupu N., Palamaru M.N., Iordan A.-R., Ghercă D.	Carbon-based heterostructure from multi-photo-active nanobuilding blocks SrTiO ₃ @NiFe ₂ O ₄ @Fe ₀ @Ni ₀ @CNTs with derived nanoreaction metallic clusters for enhanced solar light-driven photodegradation of harmful antibiotics	2023	Applied Surface Science	622	156987	10.1016/j.apsusc.2023.156987	0.85	9.5	0.089		0	0.000
3	Mita C., Cornei N., Bulai G., Dobromir M., Girtan M., Doroshkevich A., Gyorgy E., Mardare D.	The enhancement of the photocatalytic properties of SmFe _{0.7} Co _{0.3} O ₃ thin films by synergistic effect of Sr doping and H ₂ O ₂ as co-catalyst	2023	Ceramics International	49	14225	10.1016/j.ceramint.2023.01.009	0.55	6.5	0.085		0	0.000
4	Borhan A.-I., Herea D.-D., Husanu M.-A., Georgeta Popescu D., Nicoleta Borca	Straightforward FeOOH nanografting of Al-based SrTiO ₃ perovskite material as core-shell nanoflower-like heteronanostructure with	2023	Applied Surface Science	614	156247	10.1016/j.apsusc.2022.156247	0.85	10.33	0.082		0	0.000

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	C., Huthwelker T., Bulai G., Radu I., Constantin Dirtu A., Dirtu D., Mita C., Stoian G., Ababei G., Lupu N., Pui A., Ghercă D.	enhanced solar light-driven photodegradation capability											
5	Irimiciuc S.A., Bulai G., Gurlui S.	Rare earth effect on laser produced plasma dynamics during pulsed laser deposition of doped cobalt ferrite	2022	Spectrochimica Acta - Part B Atomic Spectroscopy	198	106565	10.1016/j.sab.2022.106565	0.54	3	0.179	0.54	1	0.333
6	Tiron V., Ursu E.-L., Cristea D., Bulai G., Stoian G., Matei T., Velicu I.-L.	Room Temperature Deposition of Nanocrystalline SiC Thin Films by DCMS/HiPIMS Co-Sputtering Technique	2022	Nanomaterials	12	512	10.3390/nano12030512	0.74	6	0.123		1	0.167
7	Cocean A., Postolachi C., Cocean G., Bulai G., Munteanu B.S., Cimpoesu N., Cocean I., Gurlui S.	The Origin and Physico-Chemical Properties of Some Unusual Earth Rock Fragments	2022	Applied Sciences (Switzerland)	12	983	10.3390/app12030983	0.41	6.5	0.063		1	0.154
8	Popescu-Lipan L., Les A., Grigoras M., Ababei G., Motrescu I., Bulai G., Brinza F., Creanga D., Balasoiu M.	Antioxidant molecule useful in the stabilization of nanoparticles in water suspension	2022	Soft Materials			10.1080/1539445X.2022.2028832	0.21	7	0.030		0	0.000
9	Baba-Ahmed I., Ghercă D., Iordan A.-R., Palamaru M.N., Mita C., Benamar M.A.,	Sequential synthesis methodology yielding well-defined porous 75% SrTiO_3 /25% NiFe_2O_4 nanocomposite	2022	Nanomaterials	12	138	10.3390/nano12010138	0.74	9.5	0.078		3	0.316

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	Ababei G., Lupu N., Baghdad R., Abderrahmane A., Roman T., Bulai G., Leontie L., Borhan A.I.												
10	Radu I., Turcan I., Lukacs A.V., Roman T., Bulai G.-A., Olariu M.A., Dumitru I., Pui A.	Structural, dielectric and gas sensing properties of gadolinium (Gd ³⁺) substituted zinc-manganese nanoferrites	2022	Polyhedron	221	115893	10.1016/j.poly.2022.115893	0.29	6.5	0.045		0	0.000
11	Irimiciuc S., Zaharia M.G., Cimpoesu R., Bulai G., Gurlui S.O., Cimpoesu N.	On the Deposition Process of Ceramic Layer Thin Films for Low-Carbon Steel Pipe Protection	2022	Materials	15	4673	10.3390/ma15134673	0.54	5.5	0.098		0	0.000
12	Tiron V., Ciolan M.A., Bulai G., Mihalache G., Lipsa F.D., Jijie R.	Efficient Removal of Methylene Blue and Ciprofloxacin from Aqueous Solution Using Flower-like, Nanostructured ZnO Coating under UV Irradiation	2022	Nanomaterials	12	2193	10.3390/nano12132193	0.74	5.5	0.134		0	1.000
13	Cocean G., Cocean A., Postolachi C., Garofalide S., Bulai G., Munteanu B.S., Cimpoesu N., Cocean I., Gurlui S.	High-Power Laser Deposition of Chitosan Polymers: Medical and Environmental Applications	2022	Polymers	14	1537	10.3390/polym14081537	0.61	7	0.087		2	0.286
14	Boukhoubza I., Khenfouch M., Leontie L., Achehboune M., Doroftei C., Carlescu A., Bulai G.,	Enhancement of the structural and morphological properties of ZnO/rGO nanocomposites synthesized by hydrothermal method	2021	Materials Today: Proceedings	53	324	10.1016/j.matpr.2021.04.634	0	7.5	0.000		0	0.000

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	Mothudi B.M., Zorkani I., Jorio A.												
15	Achehboune M., Khenfouch M., Boukhoubza I., Leontie L., Doroftei C., Carlescu A., Bulai G., Mothudi B., Zorkani I., Jorio A.	Microstructural, FTIR and Raman spectroscopic study of Rare earth doped ZnO nanostructures	2021	Materials Today: Proceedings	53	319	10.1016/j.matpr.2021.04.144	0	7.5	0.000		9	1.200
16	Tiron V., Ciolan M.A., Bulai G., Cristea D., Velicu I.-L.	Effect of pulsing configuration and magnetic balance degree on mechanical properties of crn coatings deposited by bipolar-hipims onto floating substrate	2021	Coatings	11	1526	10.3390/coatings11121526	0.41	5	0.082		1	0.200
17	Tiron V., Bulai G., Costin C., Velicu I.-L., Dincă P., Iancu D., Burducea I.	Growth and characterization of W thin films with controlled Ne and Ar contents deposited by bipolar HiPIMS	2021	Nuclear Materials and Energy	29	101091	10.1016/j.nme.2021.101091	0.8	6	0.133		2	0.333
18	Koutsoumbou X., Tsiaoussis I., Bulai G.A., Caltun O.F., Kalogirou O., Sarafidis C.	CoFe ₂ -xRExO ₄ (RE=Dy, Yb, Gd) magnetic nanoparticles for biomedical applications	2021	Physica B: Condensed Matter	606	412849	10.1016/j.physb.2021.412849	0.33	5.5	0.060		7	1.273
19	Kadri L., Bulai G., Carlescu A., George S., Gurlui S., Leontie L., Doroftei C., Adnane M.	Effect of target sintering temperature on the morphological and optical properties of pulsed laser deposited TiO ₂ thin films	2021	Coatings	11	561	10.3390/coatings11050561	0.41	6.5	0.063		3	0.462

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20	Bulai G., Epure L., Strat M., Toma S., Cimpoesu N., Gurlui S., Constantinel R., Hurduc N.	Azo-polysiloxanes spontaneous surface relief grating by pulsed laser irradiation	2020	Applied Physics A: Materials Science and Processing	126	616	10.1007/s00339-020-03800-2	0.33	6.5	0.051	0.33	1	0.154
21	Chiriac V., Bulai G., Curecheriu L., Topala I., Dumitrascu N.	Synthesis and characterization of (co)polymeric films obtained under atmospheric plasma conditions	2020	Materials Letters	264	127062	10.1016/j.matlet.2019.127062	0.46	5	0.092		1	0.200
22	Irimiciuc S.A., Hodoroaba B.C., Bulai G., Gurlui S., Craciun V.	Multiple structure formation and molecule dynamics in transient plasmas generated by laser ablation of graphite	2020	Spectrochimica Acta - Part B Atomic Spectroscopy	165	105774	10.1016/j.sab.2020.105774	0.58	5	0.116		23	4.600
23	Stoica I., Sava I., Bulai G., Stoian G., Strat M., Gurlui S., Oprisan B.	Development and morphological characterization of novel polyimide/Metal nano hybrid materials	2020	Materiale Plastice	57	94	10.37358/MP.20.2.5355	0.06	6	0.009		1	0.167
24	Cimpoesu N., Gurlui S., Bulai G., Cimpoesu R., Paun V.-P., Irimiciuc S.A., Agop M.	In-situ plasma monitoring during the pulsed laser deposition of Ni60Ti40 thin films	2020	Symmetry	12	5605	10.3390/SY12010109	0.39	6	0.066		2	0.333
25	Tiron V., Ursu E.-L., Cristea D., Munteanu D., Bulai G., Ceban A., Velicu I.-L.	Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS	2019	Applied Surface Science	494	871	10.1016/j.apsusc.2019.07.239	0.77	6	0.129		29	4.833
26	Bulai G., Trandafir V., Irimiciuc S.A., Ursu L., Focsa C., Gurlui S.	Influence of rare earth addition in cobalt ferrite thin films obtained by pulsed laser deposition	2019	Ceramics International	45	20165	10.1016/j.ceramint.2019.06.284	0.48	5.5	0.087	0.48	8	1.455

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27	Enescu F., Irimiciuc S.A., Cimpoesu N., Bedeleian H., Bulai G., Gurlui S., Agop M.	Investigations of laser produced plasmas generated by laser ablation on geomaterials. Experimental and theoretical aspects	2019	Symmetry	11	1391	10.3390/sym11111391	0.3	6	0.051		6	1.000
28	Cocean I., Cocean A., Postolachi C., Pohoata V., Cimpoesu N., Bulai G., Iacomi F., Gurlui S.	Alpha keratin amino acids BEHAVIOR under high FLUENCE laser interaction. Medical applications	2019	Applied Surface Science	488	418	10.1016/j.apsusc.2019.05.207	0.77	6.5	0.119		10	1.538
29	Resmerita A.-M., Asandulesa M., Bulai G., Farcas A.	Novel supramolecular networks based on PEG and PEDOT cross-linked polyrotaxanes as electrical conductive materials	2019	European Polymer Journal	114	39	10.1016/j.eurpolymj.2019.02.015	0.66	4	0.166		5	1.250
30	Bulai G., Pompilian O., Gurlui S., Nemec P., Nazabal V., Cimpoesu N., Chazallon B., Focsa C.	Ge-Sb-Te chalcogenide thin films deposited by nanosecond, picosecond, and femtosecond laser ablation	2019	Nanomaterials	9	676	10.3390/nano9050676	0.67	6.5	0.103	0.67	13	2.000
31	Bedo T., Varga B., Cristea D., Nitoi A., Gatto A., Bassoli E., Bulai G., Velicu I.-L., Ghiuta I., Munteanu S., Pop M.A., Gabor C., Cosnita M., Parv L., Munteanu D.	Metastable Al–Si–Ni alloys for additive manufacturing: Structural stability and energy release during heating	2019	Metals	9	483	10.3390/met9050483	0.34	10	0.034		0	0.000

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32	Irimiciuc S.A., Bulai G., Gurlui S., Agop M.	On the separation of particle flow during pulse laser deposition of heterogeneous materials - A multi-fractal approach	2018	Powder Technology	339	273	10.1016/j.powtec.2018.08.019	0.59	4	0.147		13	3.250
33	Irimiciuc S., Bulai G., Agop M., Gurlui S.	Influence of laser-produced plasma parameters on the deposition process: in situ space- and time-resolved optical emission spectroscopy and fractal modeling approach	2018	Applied Physics A: Materials Science and Processing	124	615	10.1007/s00339-018-2035-1	0.31	4	0.077	0.31	20	5.000
34	Cocean A., Cocean I., Cazacu M.M., Bulai G., Iacomi F., Gurlui S.	Atmosphere self-cleaning under humidity conditions and influence of the snowflakes and artificial light interaction for water dissociation simulated by the means of COMSOL	2018	Applied Surface Science	443	83	10.1016/j.apsusc.2018.02.156	0.67	5.5	0.122		4	0.727
35	Lutic D., Petrovski D., Ignat M., Cretescu I., Bulai G.	Mesoporous cerium-doped titania for the photocatalytic removal of persistent dyes	2018	Catalysis Today	306	300	10.1016/j.cattod.2016.12.018	0.85	5	0.170		19	3.800
36	Bulai G., Rusu O., Cazacu M.M., Tudorache F., Chazallon B., Focsa C., Gurlui S.	Structural, magnetic and humidity sensing properties of rare earth doped cobalt ferrite thin films synthesized by pulsed laser deposition	2018	Journal of Ovonic Research	14	119		0.09	6	0.015	0.09	5	0.833
37	Irimiciuc S., Boidin R., Bulai G., Gurlui S., Nemec P., Nazabal V., Focsa C.	Laser ablation of (GeSe ₂) _{100-x} (Sb ₂ Se ₃) _x chalcogenide glasses: Influence of the target composition on the plasma plume dynamics	2017	Applied Surface Science	418	594	10.1016/j.apsusc.2016.09.016	0.63	6	0.105	0.63	14	2.333
38	Irimiciuc S.A., Gurlui S., Bulai G., Nica P., Agop M., Focsa C.	Langmuir probe investigation of transient plasmas generated by femtosecond laser ablation of several metals: Influence of the	2017	Applied Surface Science	417	108	10.1016/j.apsusc.2017.03.055	0.63	5.5	0.114		21	3.818

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		target physical properties on the plume dynamics											
39	Caraman I., Dmitroglu L., Evtodiev I., Leontie L., Untila D., Hamzaoui S., Zerdali M., Şuşu O., Bulai G., Gurlui S.	Optical properties of ZnO thin films obtained by heat treatment of Zn thin films on amorphous SiO ₂ substrates and single crystalline GaSe lamellas	2016	Thin Solid Films	617	103	10.1016/j.tsf.2016.01.027	0.38	7.5	0.051		1	0.133
40	Gafton E.V., Bulai G., Caltun O.F., Cervera S., Macé S., Trassinelli M., Steydli S., Vernhet D.	Structural and magnetic properties of zinc ferrite thin films irradiated by 90 keV neon ions	2016	Applied Surface Science	379	171	10.1016/j.apsusc.2016.04.035	0.59	6.5	0.091		5	0.769
41	Virlan C., Bulai G., Caltun O.F., Hempelmann R., Pui A.	Rare earth metals' influence on the heat generating capability of cobalt ferrite nanoparticles	2016	Ceramics International	42	11958	10.1016/j.ceramint.2016.04.121	0.46	5	0.092		36	7.200
42	Bulai G., Dumitru I., Pinteala M., Focsa C., Gurlui S.	Magnetic nanoparticles generated by laser ablation in liquid	2016	Digest Journal of Nanomaterials and Biostructures	11	283		0.15	5	0.030	0.15	3	0.600
43	Cimpoeşu N., Trincă L.C., Dascălu G., Stanciu S., Gurlui S.O., Mareci D.	Electrochemical characterization of a new biodegradable FeMnSi alloy coated with hydroxyapatite-zirconia by PLD technique	2016	Journal of Chemistry	2016	9520972	10.1155/2016/9520972	0.26	5.5	0.047		20	3.636
44	Bulai G., Diamandescu L., Dumitru I., Gurlui S., Feder M., Caltun O.F.	Effect of rare earth substitution in cobalt ferrite bulk materials	2015	Journal of Magnetism and Magnetic Materials	390	60148	10.1016/j.jmmm.2015.04.089	0.47	5.5	0.085	0.47	88	16.000

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45	Stirbu I., Vizureanu P., Cimpoesu R., Dascalu G., Gurlui S.O., Bernevig M., Benchea M., Cimpoeu N., Postolache P.	Advanced metallic materials response at laser excitation for medical applications	2015	Journal of Optoelectronics and Advanced Materials	17	1179		0.08	7	0.011		7	1.000
46	Bulai G., Gurlui S., Caltun O.F., Focsa C.	Pure and rare earth doped cobalt ferrite laser ablation: Space and time resolved optical emission spectroscopy	2015	Digest Journal of Nanomaterials and Biostructures	10	1043		0.14	4	0.035	0.14	1	0.250
47	Pompilian O.G., Dascalu G., Mihaila I., Gurlui S., Olivier M., Nemec P., Nazabal V., Cimpoesu N., Focsa C.	Pulsed laser deposition of rare-earth-doped gallium lanthanum sulphide chalcogenide glass thin films	2014	Applied Physics A: Materials Science and Processing	117	197	10.1007/s00339-014-8359-6	0.45	7	0.064		13	1.857
48	Dascalu G., Pompilian G., Chazallon B., Caltun O.F., Gurlui S., Focsa C.	Femtosecond pulsed laser deposition of cobalt ferrite thin films	2013	Applied Surface Science	278	38	10.1016/j.apsusc.2013.02.107	0.55	5.5	0.100	0.55	17	3.091
49	Dascalu G., Popescu T., Feder M., Caltun O.F.	Structural, electric and magnetic properties of CoFe _{1.8} RE _{0.2} O ₄ (RE=Dy, Gd, La) bulk materials	2013	Journal of Magnetism and Magnetic Materials	333	69	10.1016/j.jmmm.2012.12.048	0.51	4	0.127	0.51	88	22.000
50	Dascalu G., Pompilian G., Chazallon B., Nica V., Caltun O.F., Gurlui S., Focsa C.	Rare earth doped cobalt ferrite thin films deposited by PLD	2013	Applied Physics A: Materials Science and Processing	110	915	10.1007/s00339-012-7196-8	0.48	6	0.081	0.48	35	5.833

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51	Dascalu G., Durneata D., Caltun O.F.	Magnetic measurements of RE-doped cobalt ferrite thin films	2013	IEEE Transactions on Magnetics	49	6392358	10.1109/TMAG.2012.2220534	0.35	3	0.116	0.35	12	4.000
52	Dascalu G., Caltun O.F.	CoFe ₂ O ₄ thin films deposited by PLD with in situ heating and post annealing	2011	Journal of Optoelectronics and Advanced Materials	13	1145		0.11	2	0.055	0.11	2	1.000
										4.267	6.351		110.386

Criterii minimale conform Ordinului nr. 6129 din 20 decembrie 2016 Comisia de Fizica	Punctaj realizat
$A \geq 1$	A = 2.908
$I \geq 2$	I = 4.267
$P \geq 2$	P = 6.351
$C \geq 20$	C = 110.386
Indice Hirsch h (conform ISI Web of Science) ≥ 5	Indice Hirsch h = 13
$T \geq 5$	T = 16.336

Data

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