



Standarde minimale necesare si obligatorii pentru conferirea titlului de conferentiar din
invatamanatul superior-CHIMIE
CORNEI NICOLETA

Conditii minimale- conferentiar			
Activitate didactica/profesionala (A1)	Activitate de cercetare (A2)		Recunoasterea impactului activitatii (A3)
	A2.1	A2.2	
MINIM			
1 carte (+ 1 carte cond. facultate)	18 articole din care 12 in reviste internationale si factorul de impact cumulat minim 18	1 proiect ca membru (+1 proiect ca director-standard universitate).	30 citari in reviste indexate ISI si BDI
Punctaj minim: 3(+3)	Punctaj minim : 18	Punctaj minim : 2(+4 cond facultate)=6	Punctaj minim: 15
	Punctaj minim : 20 (+4 conditie facultate-un contract director de proiect) =24		
A minim=A1+A2+A3= 38			
Minim 50 puncte de la ultima avansare conform punctelor I și IV din fișa de autoevaluare (Anexa 1) (standard universitate)			
REALIZAT			
6 carti	34 articole din care 14 in reviste internationale iar factorul de impact cumulat este 42.516	5 proiecte nationale/granturi bilaterale ca membru (+ 6 proiecte ca director)	66 citari (64 in reviste indexate ISI si 2 in reviste indexate BDI)
Punctaj realizat: 18	Punctaj realizat: 34	Punctaj realizat: 34	Punctaj realizat: 33
A1 = 18	A2 = A2.1+A2.2 = 34+ 34 =68		A3 =33
A realizat= A1+A2+A3=18+68+33=119			
Punctaj realizat de la ultima avansare: > 1000 p			

Domeniul	Tipul activitatilor		Indicatori (kpi)
(A1)	1.1	Carti sau capitole de carte:	3
		1) N. Cornei, D. Humelnicu, “Exercitii si probleme de chimie anorganica” Ed. Performantica, 142 pagini, ISBN: 978-973-730-685-2 Iasi, 2010.	
		2) A. Pui, N. Cornei, D. G. Cozma, “Analiza structurala anorganica”, 236 pagini, Ed. Performantica, ISBN: 978-973-730-477-3, Iasi, 2008.	
		3) M. L. Craus, N. Cornei, M. Lozovan, V. Dobrea, “Perovskiti magnetorezistivi-Sinteza, proprietati si aplicatii”, 200 pagini, Ed. Alfa, ISBN 978-973-8953-64-2, Iasi, 2008.	
		4) M. Lozovan, V. Dobrea, M. L. Craus, N. Cornei, “Materiale avansate”, 232 pagini, Ed. Alfa, ISBN 978-973-8953-63-5, Iasi, 2008.	
		5) D. Humelnicu, N. Cornei, “Probleme de chimie anorganică”, Ed. Tehnopress, ISBN, Iasi, 2004.	
		6) M. N. Palamaru, A. F. Popa, C. Miță, M. Goanță, D. Humelnicu, N. Cornei, “Bazele Chimiei Anorganice-Lucrări practice și aplicații”, Ed. Univ. “Al. I. Cuza” Iași, 2003.	

	A1	n11 = 6 (n11*k11 = 6*3=18)	A1 = 18
Categorii si restrictii		Minim 1+1(cond. facultate) Total realizat 6	
Activitatea de cercetare (A2)	2.1	<div style="display: flex;"> <div style="width: 20px; text-align: center;">a</div> <div> <p>Articole cotate ISI Thomson Reuters:</p> <p>Internationale:</p> <p>1) D. Mardare, N. Cornei, D. Luca, M. Dobromir, S. A. Irimiciuc, L. Punga, A. Pui, and C. Adomnitei, “<i>Synthesis and hydrophilic properties of Mo doped TiO₂ thin films</i>”, J. Applied Phys. 115, 213501 (2014); doi: 10.1063/1.4880339, IF 2013-2.21</p> <p>2) D. Gherca, A. Pui, O. Caltun, V. Nica, N. Cornei*, <i>Eco-environmental synthesis and characterization of nanophase powders of Co, Mg, Mn and Ni ferrites</i>” Ceramics International 40 (2014) 9599–9607, doi.org/10.1016/j.ceramint. 2014.02.036, IF-2013-1.789</p> <p>3) M.-L. Craus, A. Kh. Islamov, E.M. Anitas, N. Cornei, D. Luca, “<i>Microstructural, magnetic and transport properties of La_{0.5}Pr_{0.2}Pb_{0.3-x}Sr_xMnO₃ manganites</i>”, J. Alloys and Compounds, 592, 121-126 (2014) doi.org/10.1016/j.jallcom.2014.01.002, IF 2013-2.39</p> <p>4) D. Gherca, N. Cornei, O. Mentré, H. Kabbour, S. Daviero-Minaud, A. Pui, In situ surface treatment of nanocrystalline MFe₂O₄ (M=Mg, Mn, Co, Ni) spinel ferrites using linseed oil, Appl. Surface Science, 287, 490– 498 (2013), http://dx.doi.org/10.1016/j.apsusc.2013.10.018, IF 2013 -2.112</p> <p>5) A. Pui; D. Gherca, N. Cornei, “<i>Synthesis and characterization of MFe₂O₄ (M=Mg, Mn, Ni) nanoparticles</i>” Mater. Research Bull. 48(4), 1357-1362 (2013), DOI:10.1016/j.materresbull.2012.11.088, IF2013-1.913</p> <p>6) D. Mardare, A. Yildiz, M. Girtan, A. Manole, M. Dobromir, M. Irimia, C. Adomnitei, N. Cornei, and D. Luca, “<i>Surface wettability of titania thin films with increasing Nb content</i>”, J of Applied Physics, 112, 073502, (2012), DOI:10.1063/1.4757007 ,IF2013-2.21</p> <p>7) D. Gherca , A. Pui, N. Cornei, A. Cojocariu, V. Nica, O. Caltun,” <i>Synthesis, characterization and magnetic properties of MFe₂O₄ (M = Co, Mg, Mn, Ni) nanoparticles using ricin oil as capping agent</i> ” J. Magn. Magn. Mater, 324, 3906–3911 (2012) DOI:10.1016/j.jmmm.2012.06.027, IF-2013-1.826</p> <p>8) D. Mardare, F. Iacomi, N. Cornei, M. Girtan, D. Luca, “<i>Undoped and Cr-doped TiO₂ thin films obtained by spray pyrolysis</i>” Thin Solid Film, 518(16), p. 4586-4589, (2010), DOI:10.1016/j.tsf.2009.12.037, IF 2013-1.604</p> <p>9) I. Bulimestru, O. Mentré, N. Tancrét, A. Rolle, N. Djelal, L. Burylo, N. Cornei, N. Popa and A. Gulea “<i>Heterobimetallic Ba-Co aminopolycarboxylate complexes as precursors for BaCoO_{3-delta} oxides; towards a one-stage-deposition of cobaltite films</i>” J. of. Materials Chemistry, 20, 10724-10734,(2010), DOI:10.1039/c0jm01012j IF-2013-6.101</p> <p>10) M.-L. Craus, M. Lozovan, N. Cornei, V. Dobrea, and H. Chiriac,”<i>Co Doped Manganites for Magnetoresistive Sensors</i>” Sensor Lett. 7, p. 247–250 (2009), DOI:10.1166/sl.2009.1076, IF-2013-0.517</p> <p>11) D. Mardare, N. Cornei , G.I. Rusu, “<i>On the properties of nanostructured titanium oxide thin films</i>” Superlattices and microstructures, 46 (1-2), 209-216, (2009), DOI:10.1016/j.spmi.2008.12.031 IF -2013-1.564</p> <p>12) N. Cornei, N. Tancrét, F. Abraham, O. Mentré, ” <i>New epsilon-Bi₂O₃ metastable polymorph</i>” Inorganic Chemistry, 45, 4886-4888,(2006), DOI:10.1021/ic0605221, IF 2013-4.593</p> <p>13) M-L Craus, N. Cornei, C. Miță, I. Berdan, and M. N. Palamaru, „<i>The magnetoresistance of (Tb_{1-x}Sm_x)_{0.6}Sr_{0.4}MnO_{3+gamma} manganites</i>” Ceramics International, 30(3), 447-452, (2004), DOI:10.1016/S0272-8842(03)00130-5 IF 2013-1.789</p> </div> </div>	

		<p>14) N. Cornei, și M-L Craus, “Influence of the rare earth cation ($Ln = La, Nd, Sm$) on the properties in the $Ln_{0.44}Ho_{0.11}Sr_{0.45}MnO_{3\pm\delta}$ manganite oxides” - J. of Alloys Compounds, 368, 58-61, (2004), DOI:10.1016/j.jallcom.2003.08.083 IF-2013-2.39</p> <p>Total ISI cumulat rev internationale: 32.491</p> <p>Nationale</p> <p>1) D. Gherca, R.-G. Ciocarlan, D.-G. Cozma, Nicoleta Cornei, V. Nica, I. Sandu, A. Pui “Influence of Surfactant Concentration (carboxymethylcellulose) on Morphology and Particle Sizes of Cobalt Nanoferrites” Rev. de Chim (Buc.) 8, 848-851 (2013) IF 2013 -0.538</p> <p>2) C. D. Aruxandei, Nicoleta Cornei, C. A. Hutanu, C. E. Ciomaga, Petrisor Mugurel Samoila, A. R. Iordan, M. N. Palamaru, “Sol-Gel Synthesis and Characterization of $LiMn_{2-x}Cu_xO_4$ Spinel” Rev. de Chim (Buc.), 63 (1), 14-17 (2012) IF-2013-0.538</p> <p>3) M.-L. Craus, M. Lozovan, N. Cornei, V. Simkin, “Influence of Co on transport properties of $La_{0.54}Ho_{0.11}Sr_{0.35}Co_{1-x}Mn_{1-x}O_3$ manganites” J Optoelectronics Advanced Materials, Vol.12 (4) p. 868 – 871 (2010) IF-2013-0.516</p> <p>4) N. Cornei, M.-L. Craus, M. Lozovan, O. Mentre, “Electronic phase diagram of $La_{0.54}Sm_{0.11}Ca_{0.35}Cu_xMn_{1-x}O_3$ manganites”, J Optoelectronics Advanced Materials, Vol.12 (4), p. 872 – 875 (2010) IF-2013-0.516</p> <p>5) M.-L. Craus, N. Cornei, M. Lozovan, C. Mita, V. Dobrea, “Influence of Na and Cr substitutions on electronic phase diagram of $La_{0.54}Ho_{0.11}Ca_{1-x}Na_xMn_{1-y}Cr_yO_3$ manganites”, Romanian Reports in Physics, 62 (4) (2010) IF-2013-1.123</p>	
		<p>6) Pui A, Cornei N, Ricoux R, Mahy J-P, "Synthesis characterization and catalytic activity of some new manganese(II) compounds with tetra-chloro R-bis(salicylaldehyde) ethylenediamine and R-bis(salicylaldehyde) phenylenediamine ligands ($R = H, CH_3, CH_2-CH_3$).” Rev. Chim. (Bucharest) 61, 575-579 (2010) IF-2013-0.538</p> <p>7) M-L CRAUS, N CORNEI, M LOZOVAN and A. ISLAMOV, „ Influence of Mn substitution with Co or Fe on transport mechanisms in some manganites”, J Optoelectronics Advanced Materials, 10(11), 2924-2927, (2008). IF-2012-0.516</p> <p>8) N CORNEI, C. MITA, O. MENTRE, F. ABRAHAM and M.-L. CRAUS „ Synthesis, structural analysis and magnetic properties of Sc-doped $Nd_{0.8}Sr_{0.2}Mn_{1-x}Sc_xO_3$ manganites”, J Optoelectronics Advanced Materials, 10(12), 3300-3304, (2008) IF-2013-0.516</p> <p>9) M. L. Craus, M. Lozovan, N. Cornei, Electronic diagram modification in $La_{0.54}Ho_{0.11}Ca_{0.35}Mn_{1-x}(Co/Cr)_xO_3$ manganites, J Optoelectronics Advanced Materials, 10 (2), 348-351 (2008) IF-2013-0.516</p> <p>10) M. L. Craus, M. Lozovan, N. Cornei, C. Mita, Transport and magnetic properties of Fe substituted manganites, J Optoelectronics Advanced Materials, 10(2) 269-272 (2008). IF-2013-0.516</p> <p>11) M. L. Craus, N. Cornei, C. Mita and M. Lozovan, Microstructure of $La_{0.54}Ho_{0.11}Ca_{0.35-x}Na_xCu_yMn_{1-y}O_3$ manganites, Optoelectronics Advanced Materials- Rapid communications, 2 (1), 33-36, (2008) IF-2013-0.402</p> <p>12) Cornei N. Craus M-L, Mita C, “Synthesis and structural analysis of La-Sr manganites doped with Ho” Romanian J. of Physics 53(1-2), 287-293 (2008) ISI 2013—0.526</p> <p>13) M-L CRAUS, M LOZOVAN, N CORNEI and C MATA, „Structure and Magnetic Properties of Some Cr-Substituted Manganites”- J Optoelectronics Advanced Materials, 9(4), 907-910, (2007) IF-2013-0.516</p> <p>14) M-L Craus and N Cornei, „Synthesis and properties of some Nd-Sr manganites doped with In” - J Opt. Adv. Mater., 9(6), 1736-1741, (2007) IF-2013-0.516</p> <p>15) C Mita, N Cornei, and M-L Craus, “Phase composition and properties of $YbMnO_3-La_{0.67}Sr_{0.33-1.67x}K_{1.67x}MnO_3$ system” Revue Roumaine de Chimie, 51, 981-985, (2006), IF 2013-0.331</p>	

		16) N. Cornei, M-L. Craus "Transport properties of $(Nd_{0.67}In_{0.33})_{(1-x)}Sr_xMnO_{3+\delta}$ compounds", J Opt. Advanced Materials , 6(1) , 269-276, (2004) IF-2013-0.516	
		17) M. L. Craus, N Cornei, I. Berdan, C. Miță and M. N. Palamaru, "The influence of the Sm substitution with Gd on the transport properties of some $(Gd_{1-x}Sm_x)_{0.6}Sr_{0.4}MnO_{3\pm\delta}$ manganites"- Rev. Roum. de Chimie , 49(1) , 55-60, (2004), IF 2013-0.331	
		18) Craus, ML; Cornei, N; Mita, C; and Berdan, I."The influence of the sintering conditionis on the transport properties of $La_{0.44}Ho_{0.11}Sr_{0.45}MnO_{3-\delta}$ and $Nd_{0.44}Ho_{0.11}Sr_{0.45}MnO_{3-\delta}$ compounds ", " , J Opt. Adv. Mater.s , 5(4) , 963-969, (2003) IF-2013-0.516	
		19).N. Cornei, I. Berdan, M-L. Craus, M. N. Palamaru, A.R. Iordan, "The influence of synthesis methods on the structure of perovskite compounds of $Sr_xCa_{1-x}CeO_3$ type" Rev. Chim (Buc.) , 54(11) 871-873, 2003. ISI 2013—0.538	
		ISI factor cumulat rev. nationale: 10.025	
		ISI total rev. internat. +nat. = 32.491+10.025 =42.516	
	b	Brevete de inventie si inovatie: National 20) MAGNETORESISTIVE SENORS Patent Number(s): RO125633-A2 Inventor(s): CORNEI N, CRAUS M L, DOBREA V, FOSALAU C I, GHEORGHIU D A, LOZOVAN M, LUCA D, MITA C	
		A2.1= 34*1 = 34	A2.1=34
Categorii si restrictii		Minim 18 din care 12 in reviste internationale si factorul de impact cumulat minim 18. Total realizat: 34 din care 14 in reviste internationale iar factorul de impact cumulat este 42.516	
Activitatea de cercetare (A2)	2.2	Granturi/Proiecte castigate prin competitie	
		2.2.1. Director/responsabil: 1) Contract CERES: Cercetări privind magnetorezistența extrinsecă și intrinsecă la manganii simpli de compoziție $(Ln,Ln')_{1+x}(Alk)_x(Mn,T)O_3$ cu adaosuri de (Na, K)- responsabil proiect din partea Universitatii - nr. 4-207/4.11.2004. (anexa-deviz) 2) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie –Universitatea “A.I.I.Cuza” Iasi- Romania in 2014, proiect nr. Proiect nr. 52 / tema nr. 04-4-1069-2009/2014 ” “Synthesis by yet chemistry methods and properties of multiferroic materials of LnT_2O_5 and $LnTO_3$ types””-suma aprobata 2000\$ (anexa-deviz) 3) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie –Universitatea “A.I.I.Cuza” Iasi- Romania in 2013, proiect nr. Proiect nr. 62 / tema nr. 04-4-1069-2009/2014 ” “LnT_2O_5 ($Ln=Dy, Y; T=Mn,Fe$) Multiferroics. Synthesis and properties””-suma aprobata 2500\$ (anexa-deviz) 4) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie –Universitatea “A.I.I.Cuza” Iasi- Romania in 2009-2010, proiect nr. 25/tema nr. 04-4-1069-2009/2011 “Nonstoichiometry of oxygen influence on electronic phase diagram and transport mechanisms of some manganito cobaltites”, suma proiect suplimentar aprobata 4000 \$.(anexa-deviz) 5) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie –Universitatea “A.I.I.Cuza” Iasi- Romania in 2009: „Magnetic/crystalline structure of some $(Ln, Ln')_{1-x}Alk_xMn_{1-x}T_xO_3$ manganites (Ln, Ln' - rare earth; T – transition metal)”, director proiect din Romania: Dr. Nicoleta Cornei , proiect nr. 18/ tema nr. 04-4-1069-2009/2011, suma proiect suplimentar aprobata 1300 \$.(anexe-deviz) 6) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie: The extrinsec magnetoresistance of some $(Nd_{1-y}(In,Sc)_y)_{1-x}Sr_xMnO_3$-responsabil proiect din partea Universitatii - tema nr.8/2004- suma aprobata: 1300\$ (anexa-deviz). 	4
		2.2.2. Membru in echipa: 1) Contract CEEEX 84-1/2006: Faze electronice si mecanisme de transport in $(Ln,Ln')_{1-x}A_xMn_{1-y}M_yO_{3+\delta}$ (Ln,Ln'= pamanturi rare, $A=Sr,Ca,Ba,Pb,K; M=Cu,Cr,Co,V,Sc$): partener 1: Uaic, Facultatea de Chimie: responsabil proiect: Carmen Mita, membri: Nicoleta Cornei, Gorodea Ioana, Adriana Elena Perianu drd., Mihai Cenusă	2

		(student)(v.anexa) 2) Contract CERES nr. 3-3/5.11.2003 “Perovskiti simpli magnetorezistivi poli si nanocristalini cu substitutii de pamant rar”. –responsabil proiect UAIC., prof. dr. Mircea Nicolae Palamaru (membri: N. Cornei, etc.-lista de personal in anexa) 3) Proiect CNCISIS nr. 1402/2003-2005, Sinteze si caracterizari de compusi oxidici cu proprietati magnetorezistive”, director proiect: Prof. dr. Alexandra Raluca Iordan (lista de personal in anexa) 4) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie, nr. 20, 2011/tema nr.04-4-1069-2009/2011 director C. Mita, membru N Cornei ”Influenta concentratiei de oxygen asupra structurii si proprietatilor de transport ale unor material perovskitice utilizate in conversia energiei” -3500 \$(v. anexa) 5) Grant FLNP JINR Dubna-Russia si Facultatea of Chimie, nr. 21, 2011/tema nr.04-4-1069-2009/2011 director E. Popovici, membrii N Cornei si M. Ignat ”Structura materialelor carbonice functionalizate endohedral cu oxizi metalici semiconductori” - 3500 \$(v.anexa)	
		A2.2 = 6*4+5*2 = 34	A2.2= 34
Categorii si restrictii	Minim 1 proiect ca membru (+1 proiect ca director- cond. facultate). Total realizat: 5 proiecte ca director (1 national, 4 bilaterale + membru in 6 proiecte de cercetare (3 nationale, 2 bilaterale)		
	A2	A2.1 + A2.2 = 34+34 = 68	Total A2=68
		Citari in reviste ISI si BDI:	
Recunoasterea si impactul activitatii (A3)	a) Articolul citat: A. Pui; D. Gherca, N. Cornei, MATERIALS RESEARCH BULLETIN, 48(4), 1357-1362 (2013) : 3 citari		0.5
	Citat in: 1) Amer, MA; Meaz, TM; Attalah, SS; Ghoneim, AI,” Structural and magnetic characterization of the Mg0.2-xSrxMn0.8Fe2O4 nanoparticles”, JMMM, 363, 60-65 (2014), IF2013-1.826 2) Ali, R; Mahmood, A; Khan, MA; Chughtai, AH; Shahid, M ; Shakir, I “Impacts of Ni-Co substitution on the structural, magnetic and dielectric properties of magnesium nano-ferrites fabricated by micro-emulsion method” J. Alloys and Compounds, 584, 363-368 (2014) – IF2013-2.39 3) Lazarevic, ZZ; Jovalekic, C; Sekulic, DL; Milutinovic, A; Balos, S Slankamenac, M; Romcevic, NZ “Structural, electrical and dielectric properties of spinel nickel ferrite prepared by soft mechanochemical synthesis” Mater. Res. Bull. 48(10), 4368-4378 (2013) –IF2013-1.913		
	b) 5) D. Gherca , A. Pui, N. Cornei, A. Cojocariu, V. Nica, O. Caltun, J. Magn. Magn. Mater, 324, 3906–3911 (2012) : 1+1 citare		
	Citat in : 4) M.A. Amer, T.M. Meaz, S.S. Attalah, A.I. Ghoneim “Structural and magnetic characterization of the Mg0.2-xSrxMn0.8Fe2O4 nanoparticles”, JMMM, 363, 60-65, (2014), IF2013-1.826 5) Doaga, A.; Cojocariu, AM; Amin, W; Heib, F; Bender, P ; Hempelmann, R; Caltun, OF, “Synthesis and characterizations of manganese ferrites for hyperthermia applications”, Mater. Chem. and Phys, 143(1), 305-310 (2013)-IF2013-2.072		
	c) Articolul citat: D. Mardare, A. Yildiz, M. Girtan, A. Manole, M. Dobromir, M. Irimia, C. Adomnitei, N. Cornei, and D. Luca, J of Applied Physics, 112, 073502 (2012): 1 citare		
	Citat in: 6) Manole, AV; Dobromir, M; Girtan, M; Mallet, R; Rusu, G; Luca, D “Optical properties of Nb-doped TiO2 thin films prepared by sol-gel method”, Ceramics International, 39(5), 4771-4776 (2013) IF-2013-1.789		
	d)Articolul citat: I. Bulimestru, O. Mentré, N. Tancrét, A. Rolle, N. Djelal, L. Burylo, N. Cornei, N. Popa and A. Gulea J. of Materials Chemistrv. 20, 10724-10734, 2010: 2 citari		



<p>Citat in:</p> <p>7) Gutiérrez, A., Perpiñán, M.F., Sánchez, A.E., Torralba, M.C., Torres, M.R. “New trinuclear Schiff base complexes, Co-M-Co ($M = Mn, Co$), as molecular precursors for mixed oxides”. Polyhedron, 44 (1), 165-173 (2012) IF 2013- 1.813</p> <p>8) Deng, YF; Tang, SD; Zhang, QM; Shi, ZC; Zhang, LT; Zhan, SZ; Chen, GH “Controllable synthesis of spinel nano-ZnMn(2)O(4) via a single source precursor route and its high capacity retention as anode material for lithium ion batteries” _ J. Mater.Chem., 21(32) 11987-11995, (2011) IF 2013-6.101</p> <p>e)Articolul citat: D. Mardare, F. Iacomi, N. Cornei, M. Girtan, D. Luca, <i>Thin Solid Film</i>, 518(16), p. 4586-4589, 2010: 6 citari</p>	
<p>Citat in:</p> <p>9). Kaleji, BK; Hosseinabadi, N, “Enhanced photoinduced super-hydrophilicity in sol-gel TiO₂ thin films with co-doped Sn/Nb” J. of Sol-Gel Science and Technology, 69(2), 412-417 (2014) IF2013-1.66</p> <p>10) Mokhtarimehr, M; Pakshir, M; Eshaghi, A; Shariat, MH “Super-hydrophilic property of vanadium doped TiO₂-SiO₂ sol-gel derived thin film”, Thin Solid Films, 532, 123-126 (2013) IF 2013-1.604</p> <p>11) Eshaghi, Ak.; Eshaghi, Am., “Optical and hydrophilic properties of Cr doped TiO₂-SiO₂ nanostructure thin film”, Appl. Surface Science, 258(7), 2464-2467 (2012) IF 2013-2.112</p> <p>12). Eshaghi, Ak.; Eshaghi, Am., “Photocatalytic Properties Of Cr Doped Tio2-Sio2 Nanostructure Thin Film” CERAMICS-SILIKATY, 56(2), 135-138 (2012) IF 2013—0.418</p> <p>13) Raut, N.C., Mathews, T., Chandramohan, P., Srinivasan, M.P., Dash, S., Tyagi, A.K. "Effect of temperature on the growth of TiO₂ thin films synthesized by spray pyrolysis: Structural, compositional and optical properties", J. Mater. Res. Bull., 46 (11), 2057-2063 (2011) IF2013-1.913.</p> <p>14) Rawal, S.K., Chawla, A.K., Jayaganthan, R., Chandra, R., <i>Optical and hydrophobic properties of co-sputtered chromium and titanium oxynitride films</i>, Appl. Surface Science 257 (21), 8755-8761, (2011) IF 2013—2.112</p> <p>f) Craus, M-L; Cornei, N.; Lozovan, M.; C. Mita, V. Dobrea., ROMANIAN REPORTS IN PHYSICS 62(4) 780-790 2010: 1 citare</p>	
<p>Citat in:</p> <p>15) Ionescu, D.; Bogdan, I, “Simulation determination of the tunable electromagnetic parameters for the Sc doped bam metaferrites in ghz range “ Romanian Reports in Physics, 64(2), 411- (2012) IF 2013—1.123</p> <p>g) D. Mardare, N. Cornei , G.I. Rusu, <i>Superlattices and microstructures</i>, 46 (1-2), 209-216, 2009, 6 citari</p>	
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A3	n3*k3 = 66*0.5=33	A3= 33
Categorii si restrictii	<p style="text-align: center;">Minim: 30 citari in reviste indexate ISI si BDI, fara autocitari</p> <p style="text-align: center;">Total realizat: 66 citari (64 in reviste indexate ISI si 2 in reviste indexate BDI)</p>	

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