

Nr. crt.	Autori	Titlu articol	Revista	An	Vol.	Pag.	Nr. autori	N_ef	AIS	AIS/N_ef	Nr. citari	Nr. cit/N_ef	Prim (1-prim, 0-altfel)	Prim_i
1	Deac, I.G., Andreica, D., Balasz, I., Vladescu, A., Dudric, R., Tetean, R.	$\mu$ SR Investigation of magnetic phases in $R_{1-x}Sr_xCoO_3$ oxides (R=Pr, Nd)	PHYSICA B	2011	406	2795	6	5.333	0.324	0.061		0.000	1	0.324
2	Dudric, R.; Vladescu, A.; Rednic,	XPS study on $La_{0.67}Ca_{0.33}Mn_{1-x}Co_xO_3$ compounds	J MOL STRUCT	2014	1073	66	6	5.333	0.289	0.054	7	1.313	0	0.000
3	Rednic, Lidia; Coldea, Marin; Deac, Iosif Grigore; et al.	MAGNETIC CLUSTERS DEVELOPMENT IN OXIDIZED $CeNi_5$ POWDER	MOD PHYS LETT B	2011	25	11	6	5.333	0.146	0.027		0.000	0	0.000
5	Grasin, R ; Vinteler, E ; Bezerghianu, A ; Rusu, C ; Pacurariu, R ; Deac, IG ; Tetean, R	The Effect of Gd Impurities on the Physical Properties of Half-Metallic Ferromagnet $Co_2MnSi$	ACTA PHYS POL A	2010	118	648	7	5.667	0.130	0.023		0.000	0	0.000
6	Deac, IG ; Vladescu, A ; Balasz, I ; Tunyagi, A ; Tetean, R	ELECTRICAL AND MAGNETIC BEHAVIOR OF TRANSITION METAL OXIDES $Ln_{0.7}A_{0.3}TMO_3$ , Ln = La, Pr; A = Ca, Sr AND TM = Mn, Co	INT J MOD PHYS B	2010	24	762	5	5.000	0.158	0.032		0.000	1	0.158
7	Rednic, L ; Deac, IG ; Dorolti, E ; Coldea, M ; Rednic, V ; Neumann, M	Magnetic cluster developement in $In_{1-x}Mn(x)$ Sb semiconductor alloys	CENT EUR J PHYS	2010	8	620	6	5.333	0.210	0.039	3	0.563	0	0.000
8	Deac, IG ; Vladescu, A ; Balasz, I ; Tunyagi, A ; Tetean, R	Electrical and magnetic properties of transition metal oxides $Ln_{(1-x)}A_xMO_3$ (Ln = Pr, Nd; A = Ca, Sr; M = Mn, Co)	J OPTOELECTRON ADV M	2010	12	1818-1824	5	5.000	0.113	0.023		0.000	1	0.113
9	Tetean, R ; Chioncel, L ; Burzo, E ; Bucur, N ; Bezerghianu, A ; Deac, IG	The effect of lanthanide impurities on the physical properties of half-metallic ferromagnet $Co_2MnSi$	APPL SURF SCI	2008	255	685-687	6	5.333	0.518	0.097	1	0.188	0	0.000
10	Deac, I.G., Tetean, R., Balasz, I., Burzo, E.	Low-temperature magnetic ordering in the perovskites $Pr_{(1-x)}A_xCoO_3$ (A = Ca, Sr)	J MAGN MAGN MATER	2010	322	1185-1188	4	4.000	0.511	0.128	5	1.250	1	0.511
11	Ying, Y.A., Nelson, K.D., Deac, I.G., Schiffer P, Kalifah P, Cava, R.J., Liu, Y.	Possible observation of quantum ferromagnetic fluctuations in $La_4Ru_6O_{19}$	PHYS REV B	2009	80	24303	7	5.667	1.300	0.229	1	0.176	0	0.000
12	Deac, I.G., Tetean, R., Andreica, D., Burzo, E.	Magnetic and Magnetoresistive Properties of $Pr_{1-x}Ca_xCoO_3$ (x=0.3, 0.5) Cobaltites	IEEE T MAGN	2008	44	2922-2924	4	4.000	0.384	0.096	2	0.500	1	0.384
13	Tetean, R., Deac, I.G., Burzo, E., Bezerghianu, A.	Magnetocaloric and magnetoresistance properties of $La_{(2/3)}Sr_{(1/3)}Mn_{(1-x)}Co_xO_3$ compounds	J MAGN MAGN MATER	2008	320	E179-E182	4	4.000	0.460	0.115	1	0.250	0	0.000
14	Mihalache, V ; Deac, IG ; Pop, AV ; Miu, L	The pinning force density in polycrystalline $Bi_{1.8}Pb_{0.4}Sr_2Ca_{2-x}Y_xCu_3O_y$ multiphase systems	CURR APPL PHYS	2011	11	1010-1014	4	4.000	0.503	0.126	10	2.500	0	0.000

15	Deac, Iosif G.; Tetean, Romulus; Burzo, Emil	Phase separation, transport and magnetic properties of $\text{La}_{2/3}\text{A}_{1/3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ , $\text{A} = \text{Ca}, \text{Sr}$ ( $0.5 \leq x \leq 1$ )	PHYSICA B	2008	403	1622-162	3	3.000	0.327	0.109	1	0.333	1	0.327
16	Burzo, E., Balasz, I., Constantinescu, S., Deac, I.G.	Grain boundary effects in highly ordered $\text{Sr}_2\text{FeMoO}_6$	J MAGN MAGN MATER	2007	316	E741-E74	4	4.000	0.497	0.124		0.000	0	0.000
17	Tetean, R.; Burzo, E.; Deac, I. G.	Magnetic properties of cobalt in $\text{TbCo}_3\text{-xCu}_x$ intermetallic compounds	J ALLOY COMPD	2007	442	206-208	3	3.000	0.496	0.165	3	1.000	0	0.000
18	Deac, I. G.; Tetean, R.; Burzo, E.	Structural, electrical and magnetic properties of perovskites $\text{La}_{0.67}\text{Ca}_{0.33}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ ( $0.5 \leq x \leq 1$ )	J MAGN MAGN MATER	2007	310	1972-197	3	3.000	0.497	0.166	1	0.333	1	0.497
19	Tetean, R., Deac, I.G., Burzo, E., Takacs, A., Neumann, M.	Investigation of chemical and grain-boundary effects in the Zr-doped $\text{La}_{2/3}\text{Sr}_{1/3}\text{Zr}_x\text{Mn}_{1-x}\text{O}_3$ manganites	J MAGN MAGN MATER	2007	310	E658-E66	5	5.000	0.497	0.099		0.000	0	0.000
20	Sbârnciog, C.; Redac, T. R.; Deac, I. Gr	AC susceptibility of YBCO superconducting thin films	MOD PHYS LETT B	2006	20	923-929	3	3.000	0.166	0.055		0.000	0	0.000
21	Sbârnciog, C., Redac, R.T., Deac, I.Gr., Pop, I.	Intergranular properties of Zr-substituted Y123 compounds	MOD PHYS LETT B	2006	20	1191-119	4	4.000	0.166	0.042		0.000	0	0.000
22	Tetean, R., Andreica, D., Deac, I.G., Burzo E, Chioncel, L., Amato, A.	$\mu$ SR investigation of $\text{CeCo}_4\text{B}$	PHYSICA B	2006	374	188-191	6	5.333	0.340	0.064	1	0.188	0	0.000
23	Deac, I.G., Tetean, R.V., Miron, M., Burzo, E.	Dynamic response of magnetic ions in the colossal magnetoresistance manganites $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$	PHYS STATUS SOLIDI B	2006	243	120-123	4	4.000	0.470	0.117	1	0.250	1	0.470
24	Tetean, R., Burzo, E., Deac, I.G.	Magnetocaloric effects on $\text{TbCo}_3\text{-xAIX}$ compounds	J OPTOELECTRON ADV M	2006	8	501-503	3	3.000	0.119	0.040		0.000	0	0.000
25	Tetean, R.V., Deac, I.G., Bucur, N., Burzo, E.	Zr-substitution effects on physical properties of the colossal magnetoresistance compounds $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$	J OPTOELECTRON ADV M	2006	8	464-466	4	4.000	0.119	0.030		0.000	0	0.000
26	Deac, I.G., Tetean, R., Pop, V., Burzo, E.	Structural, electrical and magnetic properties of $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3\text{-yMyO}_7\text{-delta}$ compounds, where $\text{M} = \text{Ni}, \text{Fe}, \text{Al}, \text{Cr}$	J MAGN MAGN MATER	2004	272	E1057-E1	4	4.000	0.605	0.151	1	0.250	1	0.605
27	Mao, Z.Q., He, T., Rosario, M.M., Nelson, K.D., Okuno, D., Ueland, B., Deac IG, Schiffer P, Liu, Y., Cava, R.J.	Quantum phase transition in quasi-one-dimensional $\text{BaRu}_6\text{O}_{12}$	PHYS REV LETT	2003	90	186601	10	6.667	3.802	0.570	31	4.650	0	0.000
28	Mao, Z.Q., Rosario, M.M., Nelson, K.D., Wu, K., Deac, I.G., Schiffer, P., Liu, Y., He, T., Regan, K.A., Cava, R.J.	Experimental determination of superconducting parameters for the intermetallic perovskite superconductor $\text{MgCNi}_3$	PHYS REV B	2003	67	94502	10	6.667	1.510	0.227	64	9.600	0	0.000

29	Deac, IG	Suppression of superconductivity by Ni and hole-doping effect of Ca in $(Y_{1-y}Ca_y)Ba_2Cu_3-xNi_xO_{7-\delta}$	MOD PHYS LETT B	2002	18	685-692	1	1.000	0.130	0.130	1	1.000	1	0.130
30	Deac, I.G., Giurgiu, L., Darabont, A., (...), Miron, M., Burzo, E.	Al-substitution effects on physical properties of the colossal magnetoresistance compounds $La_{0.67}Ca_{0.33}MnO_3$	INT J MOD PHYS B	2005	19	4637-464	6	5.333	0.204	0.038	4	0.750	0	0.000
31	Pop, A.V., Deac, I.G., Ilonca, G.H., Deltour, R.	Electrical and magnetic properties of bulk $(Bi_{1.6}Pb_{0.4})(Sr_{1.8}Ba_{0.2})(Ca_{1-x}Er_x)_2Cu_3O_y$ superconducting system	INT J MOD PHYS B	2000	14	1567-157	4	4.000	0.518	0.130		0.000	0	0.000
32	Deac, IG ; Burzo, E Pop, AV ; Pop, V ; Tetean, R; Kovacs, D ; Borodi, G	Intergranular properties of $(Y_{1-x-y}Zr_xCa_y)Ba_2Cu_3O_{7-\delta}$ compounds	INT J MOD PHYS B	1999	13	1645	6	5.333	0.597	0.112	1	0.188	0	0.000
33	Pop, M ; Borodi, G; Deac, IG ; Simon, S	Gd substitution effect on the formation of Bi-based superconducting glass ceramics	MOD PHYS LETT B	2000	14	59-63	4	4.000	0.233	0.058		0.000	0	0.000
34	Deac, IG ; Redac, R ; Sbarciog, C ; Pop, O ; Pop, I	Temperature dependence of the complex magnetic susceptibility for the oxidic $Y_{1-x}Zr_xBa_2Cu_3O_{7-\delta}$ superconductors	MOD PHYS LETT B	2000	14	487	5	5.000	0.233	0.047		0.000	1	0.233
35	Deac, IG ; Pop, I ; Pop, V ; Burda, I	Structural, magnetic and superconducting properties of the $Y_{1-x}Zr_xBa_{2-2x}Ca_{2x}Cu_3O_{7-\delta}$ compounds	MOD PHYS LETT B	1997	11	1175	4	4.000	0.869	0.217		0.000	1	0.869
36	Tetean, R ; Pop, V ; Burzo, E ; Deac, IG	The magnetic behavior of $(Y_{1-x}Tb_x)_3Co_{11}B_4$ intermetallic compounds	MOD PHYS LETT B	1999	13	905-910	4	4.000	0.325	0.081		0.000	0	0.000
37	Ilonca, G., Pop, A.V., Deac, I.G., Jurcut, T.b, Redac, R, Dulamita, N., Deltour, R.	Electrical and magnetic properties in Bi : 2223 bulk doped with Cr	MOD PHYS LETT B	1999	13	523-527	7	5.667	0.325	0.057		0.000	0	0.000
38	Pop, AV; Ilonca, G ; Borodi, G Deac, IG ; Geru, II ; Konopko, LA ; Geru, VI	Effects of Y and rare earth ions substitution for Ca in $(Bi,Pb)$ : 2223 superconductor	MOD PHYS LETT B	1999	13	255-259	7	5.667	0.325	0.057		0.000	0	0.000
39	Deac, IG ; Pop, AV ; Pop, V ; Tetean, R ; Kovacs, D ; Borodi, G	Superconductivity and normal-state properties of $(Y_{1-x-y}Zr_xCa_y)Ba_2Cu_3O_{7-\delta}$ compounds	MOD PHYS LETT B	1998	12	1175-118	6	5.333	0.567	0.106		0.000	1	0.567
40	Deac, I.G., Diaz, S.V., Kim, B.G., Cheong, S.-W., Schiffer, P.	Magnetic relaxation in $La_{0.250}Pr_{0.375}Ca_{0.375}MnO_3$ with varying phase separation	PHYS REV B	2002	65	174426	5	5.000	1.520	0.304	42	8.400	1	1.520
41	Deac, I.G., Mitchell, J.F., Schiffer, P.	Phase separation and low-field bulk magnetic properties of $Pr_{0.7}Ca_{0.3}MnO_3$	PHYS REV B	2001	63	172408	3	3.000	1.758	0.586	99	33.000	1	1.758
42	Pop, A.V., Deac, I.Gr., Ilonca, G., Ciurchea, D., Pop, V.	Effects of Y, Er and Lu substitution upon superconductivity in $(Bi,Pb)$ : 2223 system	PHYSICA B	2000	284	1101-1102	5	5.000	0.492	0.098	2	0.400	0	0.000

43	Deac, I.Gr., Pop, A.V., Ilonca, G., Deltour, R.	Intergranular properties of (Bi <sub>1.6</sub> Pb <sub>0.4</sub> )(Sr <sub>1.8</sub> Ba <sub>0.2</sub> )(Ca <sub>1-x</sub> Er <sub>x</sub> ) <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> compounds	PHYSICA C	2000	341	1451-1455	4	4.000	0.635	0.159		0.000	1	0.635
44	Ilonca, G., Pop, A.V., Deac, I.Gr., Lung, C, Jurcut, T., Deltour, R.	Magnetoresistivity, Seebeck, Nernst and Hall effects in the mixed and normal state of (Bi <sub>1.6</sub> Pb <sub>0.4</sub> )Sr <sub>2</sub> Ca <sub>2</sub> (Cu <sub>1-x</sub> Ni <sub>x</sub> ) <sub>3</sub> O <sub>-y</sub> epitaxial films	PHYSICA C	2000	341	2359-2360	6	5.333	0.635	0.119		0.000	0	0.000
45	Ilonca, G., Pop, A.V., Yang, T.R., Lung, C, Deac, IG, Stiuftuc, R., Stiuftuc, G.	Effects of rare earth ion substitution for Ca in (Bi,Pb): 2223 superconductors	INTERNATIONAL JOURNAL OF INORGANIC MATERIALS	2001	3	769	7	5.667	0.394	0.069		0.000	0	0.000
46	Tetean, R., Burzo, E., Deac, I.G., Pop, V., Benea, D.	Magnetic behavior of iron in Tb <sub>1-x</sub> Zr <sub>x</sub> Fe <sub>2</sub> compounds	J MAGN MAGN MATER	2007	316	E387	5	5.000	0.497	0.099		0.000	0	0.000
47	Burzo, E., Balasz, I., Deac, I.G., Neumann, M., Tetean, R.	Physical properties of La <sub>1-x</sub> Pb <sub>x</sub> MnO <sub>3</sub> perovskites	PHYSICA B	2008	403	1601-1602	5	5.000	0.327	0.065	2	0.400	0	0.000
48	Deac, I. G.; Balasz, I.	Electroresistance, magnetocapacitance and magnetotransport properties of La <sub>0.55</sub> Ca <sub>0.45</sub> MnO <sub>3</sub> /BaTiO <sub>3</sub> composite	MATER CHEM PHYS	2012	136	850	2	2.000	0.630	0.315	3	1.500	1	0.630
49	Deac, I. G.; Vladescu, A.	Magnetic and magnetocaloric properties of Pr <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> cobaltites	J MAGN MAGN MATER	2014	365	1	2	2.000	0.460	0.230	1	0.500	1	0.460
50	Burzo, E., Balasz, I., Deac, I., Tetean, R.	Magnetic properties and magnetocaloric effects in ferrimagnetic compounds	J MAGN MAGN MATER	2010	322	1109-1112	4	4.000	0.511	0.128	4	1.000	0	0.000
51	DEAC, IG	DESIGN AND PERFORMANCE-TEST OF A MINIATURE STIRLING CRYOCOOLER	Cryogenics	1994	34	191-193	1	1.000	0.511	0.511	1	1.000	1	0.511
52								0.000		0.000		0.000		0.000
53								0.000		0.000		0.000		0.000
											6.726	293	71.48	10.7

Date sintetizate la data:		08-Feb-17	
Indicatori CNATDCU			Alte date
	Realizat	Minim	N_citari
		Prof.	Conf.
I	6.726	4	2
P	10.7	3	1.5
C	71.481	35	17.5