

Publications list – dr. Traian Petrișor

1. List of scientific articles relevant for personal scientific achievements

1. T Petrișor Jr, A Meledin, A Boulle, RB Moș, MS Gabor, L Ciontea, T Petrișor, Ordered misfit dislocations in epitaxial Gd doped CeO₂ thin films deposited on (001)YSZ single crystal substrates, *Applied Surface Science* 433 (2018) 668, DOI: 10.1016/j.apsusc.2017.09.202, 0169-4332;
2. T. Petrisor Jr., R. B. Mos, M. Nasui, M. S. Gabor, A. Augieri, G. Celentano, D. De Felicis, E. Bemporad, L. Ciontea, T. Petrisor, The Vortex Path Model Analysis of the Field Angle Dependence of the Critical Current Density in Nanocomposite YBa₂Cu₃O_{7-x}-BaZrO₃ Films Obtained by Low Fluorine Chemical Solution Deposition, *Journal of Superconductivity and Novel Magnetism* 27 (2014) 2493, DOI: 10.1007/s10948-014-2712-z, 1557-1993
3. Petrisor, T. Jr., Gabor, M. S. and Boulle, A. and Bellouard, C. and Tiusan, C. and Pana, O. and Petrisor, T., Oxygen incorporation effects in annealed epitaxial La(1-x)SrxMnO₃ thin films, *Journal of Applied Physics* 109 (2011) 123913, DOI: 10.1063/1.3596807, 0021-8979
4. Petrisor, T. and Gabor, M. S. and Tiusan, C. and Galluzzi, V. and Celentano, G. and Popa, S. and Boulle, A. and Petrisor, Magnetic pinning effects of epitaxial LaxSr1-xMnO₃ nanostructured thin films on YBa₂Cu₃O_{7-delta} layers, *Journal of Applied Physics* 112 (2012) 53919, DOI: 10.1063/1.4748049, 0021-8979
5. L Piperno, A Angrisani Armenio, A Vannozzi, A Mancini, F Rizzo, A Augieri, V Pinto, A Rufoloni, RB Mos, L Ciontea, T Petrisor Jr, T Petrisor, G Sotgiu, G Celentano, Polymer-assisted surface decoration for critical current enhancement in YBa₂Cu₃O_{7-x} films, *Applied Surface Science* 484 (2019) 237, DOI: 10.1016/j.apsusc.2019.04.027, 0169-4332
6. A. A. Armenio, L. Piperno, T. Petrisor, A. Vannozzi, V. Pinto, F. Rizzo, A. Augieri, A. Mancini, A. Rufoloni, R. B. Mos, L. Ciontea, G. Sotgiu, and G. Celentano, Nanostructured templates for critical current density enhancement in YBa(2)Cu(3)O(7-x)films, *Superconductor Science and Technology* 33 (2020) 094003, DOI: 10.1088/1361-6668/ab9f65, 0953-2048
7. R. B. Mos, T. Petrisor Jr., M. Nasui, A. Calleja, T. Puig, L. Ciontea, and T. Petrisor, Enhanced structural and morphological properties of Gd-doped CeO₂ thin films obtained by polymer-assisted deposition, *Materials Letters* 124 (2014) 306, DOI: 10.1016/j.matlet.2014.03.119, 0167-577X
8. R. B. Mos, T. Petrisor Jr., M. Nasui, A. Mesaros, M. S. Gabor, M. Senila, E. Ware, and L. Ciontea, Epitaxial La_{0.7}Sr_{0.3}MnO₃ nanostructures obtained by polymer-assisted surface decoration (PASD), *Materials Letters* 171 (2016) 281, DOI: 10.1016/j.matlet.2016.02.122, 0167-577X
9. M. Nasui, R. B. Sonher, T. Petrisor, S. Varodi, C. Pop, and L. Ciontea, Development of a Fluorine-Free Polymer-Assisted-Deposition Route for YBa₂Cu₃O_{7-x} Superconducting Films, *Coatings* 10 (2020) 966, DOI: 10.3390/coatings10100966, 2079-6412
10. I. Benguettat-El Mokhtari, Y. Roussigne, T. Petrisor Jr., F. Zighem, F. Kail, L. Chahed, V. Pierron, L. Mechin, M. Gabor, and M. Belmeguenai, Spin Pumping and Magnetic Anisotropy in La_{2/3}Sr_{1/3}MnO₃/Pt Systems, *Physica Status Solidi B – Basic Solid State Physics* 257 (2020) 2000265, DOI: 10.1002/pssb.202000265, 0370-1972

2. Ph. D. Thesis

Thesis title: *Modulated magnetic structures for magnetic vortex pinning in high temperature superconductors* (2011)

Supervisors (joint doctoral thesis):

Prof. Dr. Ing. Coriolan TIUȘAN ("Henri Poincaré" University, Nancy, France)

Prof. Dr. Ing. Ionel CHICINAȘ (Technical University of Cluj-Napoca)

3. Patents

Chemical method for preparing epitaxial films of Strontium-doped Lanthanum manganite, $La_{0.66}Sr_{0.33}MnO_3$ (LSMO), M. Năsui, T. Petrișor Jr., Ramona Bianca Moș, Amalia Mesaros, Mihai Sebastian Gabor, Lelia Ciontea, Traian Petrișor, OSIM code: RO131325-B1

4. Books and book chapters

1. *Micro and nanotechnologies. Thin film fabrication and characterization techniques for applications in microelectronics*, C. Tiușan, T. Petrișor Jr., M. Gabor UTPRES (2013);
2. *Quantum mechanics through applications*, C. Tiușan, M. Gabor, T. Petrișor Jr. UTPRES (2013)
3. Book chapter: *Characterization of Complex Spintronic and Superconducting Structures by Atomic Force Microscopy Techniques*, L. Ciontea, M. S. Gabor, T. Petrișor Jr., T. Ristoiu, C. Tiușan, T. Petrișor în „SCANNING PROBE MICROSCOPY – PHYSICAL PROPERTY CHARACTERIZATION AT NANOSCALE”, InTech Europe, Croatia, (2012).

5. Scientific articles

1. R. A. One, S. Mican, A. Mesaros, M. Gabor, T. Petrisor Jr., M. Joldos, L. D. Buda-Prejbeanu, and C. Tiusan, Perpendicular Magnetic Anisotropy Electric Field Modulation in Magnetron-Sputtered Pt/Co/X/MgO Ultrathin Structures With Chemically Tailored Top Interface, *IEEE Transactions on Magnetism* 57 (2021) 4200310, DOI: 10.1109/TMAG.2021.3071584, 0018-9464
2. R. B. Sonher, R. A. Varga, M. Nasui, T. Petrisor Jr., M. S. Gabor, M. Senila, A. Rufoloni, T. Petrisor, and L. Ciontea, Single Source Precursor for PAD-LaMnO₃ Thin Films, *Crystals* 10 (2020) 851, DOI: 10.3390/cryst10090851, 2073-4352
3. I. Benguettat-El Mokhtari, Y. Roussigne, T. Petrisor Jr., F. Zighem, F. Kail, L. Chahed, V. Pierron, L. Mechin, M. Gabor, and M. Belmeguenai, Spin Pumping and Magnetic Anisotropy in La_{2/3}Sr_{1/3}MnO₃/Pt Systems, *Physica Status Solidi B – Basic Solid State Physics* 257 (2020) 2000265, DOI: 10.1002/pssb.202000265, 0370-1972
4. M. Nasui, R. B. Sonher, T. Petrisor Jr., S. Varodi, C. Pop, and L. Ciontea, Development of a Fluorine-Free Polymer-Assisted-Deposition Route for YBa₂Cu₃O_{7-x} Superconducting Films, *Coatings* 10 (2020) 966, DOI: 10.3390/coatings10100966, 2079-6412
5. A. A. Armenio, L. Piperno, T. Petrisor Jr., A. Vannozzi, V. Pinto, F. Rizzo, A. Augieri, A. Mancini, A. Rufoloni, R. B. Mos, L. Ciontea, G. Sotgiu, and G. Celentano, Nanostructured templates for critical current density enhancement in YBa₂Cu₃O_(7-x)films, *Superconductor Science and Technology* 33 (2020) 094003, DOI: 10.1088/1361-6668/ab9f65, 0953-2048

6. MS Gabor, T Petrisor Jr, M Nasui, MA Nsibi, J Nath, IM Miron, Spin-orbit Torques and Magnetization Switching in Perpendicularly Magnetized Epitaxial Pd/Co₂FeAl/MgO Structures, *Physical Review Applied* 13 (2020) 54039, DOI: 10.1103/PhysRevApplied.13.054039, 2331-7019
7. Armenio, AA; Piperno, L; De Marzi, G; Pinto, V; Mancini, A; Rizzo, F; Vannozzi, A; Rufoloni, A; Augieri, A; Mos, RB; Ciontea, L; Petrisor, T Jr.; Petrisor, T; Sotgiu, G; Celentano, G, Stranger APCs: Study of Surface Decoration Material for YBCO Films, *IEEE Transactions on Applied Superconductivity* 29 (2019) 8002605, DOI: 10.1109/TASC.2019.2900975, 1051-8223
8. L Piperno, A Angrisani Armenio, A Vannozzi, A Mancini, F Rizzo, A Augieri, V Pinto, A Rufoloni, RB Mos, L Ciontea, T Petrisor Jr, T Petrisor, G Sotgiu, G Celentano, Polymer-assisted surface decoration for critical current enhancement in YBa₂Cu₃O_{7-x} films, *Applied Surface Science* 484 (2019) 237, DOI: 10.1016/j.apsusc.2019.04.027, 0169-4332
9. Belmeguenai, M., Y. Roussigne, S. M. Cherif, A. Stashkevich, T. Petrisor Jr., M. Nasui and M. S. Gabor, Influence of the capping layer material on the interfacial Dzyaloshinskii-Moriya interaction in Pt/Co/capping layer structures probed by Brillouin light scattering, *Journal of Physics D – Applied Physics* 52 (2019) 125002, DOI: 10.1088/1361-6463/aafdf5, 0022-3727
10. M Belmeguenai, K Aitoukaci, F Zighem, MS Gabor, T Petrisor Jr, RB Mos, C Tiusan, Investigation of the annealing temperature dependence of the spin pumping in Co₂₀Fe₆₀B₂₀/Pt systems, *Journal of Applied Physics* 123 (2018) 113905, DOI: 10.1063/1.5011111, 0021-8979
11. T Petrişor Jr, A Meledin, A Boulle, RB Moş, MS Gabor, L Ciontea, T Petrişor, Ordered misfit dislocations in epitaxial Gd doped CeO₂ thin films deposited on (001)YSZ single crystal substrates, *Applied Surface Science* 433 (2018) 668, DOI: 10.1016/j.apsusc.2017.09.202, 0169-4332
12. M. Belmeguenai, M. S. Gabor, Y. Roussigné, T. Petrisor, Jr., R. B. Mos, A. Stashkevich, S. M. Chérif, C. Tiusan, Interfacial Dzyaloshinskii-Moriya interaction sign in Ir/Co₂FeAl systems investigated by Brillouin light scattering, *Physics Review B* 97 (2018) 054425, DOI: 10.1103/PhysRevB.97.054425, 2469-9950
13. M Belmeguenai, MS Gabor, F Zighem, N Challab, T Petrisor Jr, RB Mos, C Tiusan, Ferromagnetic-resonance-induced spin pumping in Co₂₀Fe₆₀B₂₀/Pt systems: damping investigation, *Journal of Physics D – Applied Physics* 51 (2018) 045002, DOI: 10.1088/1361-6463/aa9f55, 0022-3727
14. R Bostan, S Varvara, L Gaina, T Petrisor Jr., LM Muresan, Protective effect of inhibitor-containing nitrocellulose lacquer on artificially patinated bronze, *Progress in Organic Coatings* 111 (2017) 416, DOI: 10.1016/j.porgcoat.2016.08.004, 0300-9440
15. MS Gabor, T Petrisor Jr, RB Mos, M Nasui, C Tiusan, T Petrisor, Interlayer exchange coupling in perpendicularly magnetized Pt/Co/Ir/Co/Pt structures, *Journal of Physics D – Applied Physics* 50 (2017) 465004, DOI: 10.1088/1361-6463/aa8ece, 0022-3727
16. M. Belmeguenai, M. S. Gabor, Y. Roussigne, S. M. Cherif, A. Stashkevich, T. Petrisor Jr., R. B. Mos, and C. Tiusan, Characterization of the Interfacial Dzyaloshinskii-Moriya Interaction in Pt/Co₂FeAl_{0.5}Si_{0.5} Ultrathin Films by Brillouin Light Scattering, *IEEE Transactions on Magnetics* 53 (2017) 1000405, DOI: 10.1109/TMAG.2017.2696241, 0018-9464
17. M Belmeguenai, H Bouloussa, Y Roussigné, MS Gabor, T Petrisor Jr, C Tiusan, H Yang, A Stashkevich, SM Chérif, Interface Dzyaloshinskii-Moriya interaction in the interlayer antiferromagnetic-exchange coupled Pt/CoFeB/Ru/CoFeB systems, *Physical Review B* 96 (2017) 144402, DOI: 10.1103/PhysRevB.96.144402, 2469-9950

18. M Nasui, RB Mos, MS Gabor, T Petrisor Jr, A Tomolea, E Ware, F Goga, A Mesaros, L Ciontea, New versatile synthesis for low dimension superparamagnetic $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ nanoparticles, *Ceramics International* 43 (2017) 8845, DOI: 10.1016/j.ceramint.2017.04.018, 0272-8842
19. M. Belmeguenai, M. S. Gabor, F. Zighem, D. Berling, Y. Roussigne, T. Petrisor Jr., S. M. Cherif, C. Tiusan, O. Brinza, and P. Moch, Static and dynamic magnetic properties of Co_2FeAl -based stripe arrays, *Journal of Magnetism and Magnetic Materials* 399 (2016) 199, DOI: 10.1016/j.jmmm.2015.09.065, 0304-8853
20. M. S. Gabor, Jr T. Petrisor, R. B. Mos, A. Mesaros, M. Nasui, M. Belmeguenai, F. Zighem, and C. Tiusan, Spin-orbit torques and magnetization switching in $\text{W}/\text{Co}_2\text{FeAl}/\text{MgO}$ structures, *Journal of Physics D – Applied Physics* 49 (2016) 365003, DOI: 10.1088/0022-3727/49/36/365003, 0022-3727
21. R. B. Mos, T. Petrisor Jr., M. Nasui, A. Mesaros, M. S. Gabor, M. Senila, E. Ware, and L. Ciontea, Epitaxial $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ nanostructures obtained by polymer-assisted surface decoration (PASD), *Materials Letters* 171 (2016) 281, DOI: 10.1016/j.matlet.2016.02.122, 0167-577X
22. A. Mesaros, R. B. Mos, M. Nasui, T. Petrisor Jr., D. Toloman, O. R. Vasile, F. Goga, L. Ciontea, and T. Petrisor, Insights into the europium-doped yttrium oxalate thermal decomposition mechanism, *Journal of Analytical and Applied Pyrolysis* 116 (2015) 96, DOI: 10.1016/j.jaap.2015.10.001, 0165-2370
23. R. B. Mos, M. Nasui, T. Petrisor Jr., A. Mesaros, L. Ciontea and T. Petrisor, The thermal decomposition of metal-organic precursors for epitaxial growth of SrZrO_3 thin films, *Journal of Analytical and Applied Pyrolysis* 115 (2015) 255, DOI: 10.1016/j.jaap.2015.08.003, 0165-2370
24. M. Nasui, T. Petrisor Jr., R. B. Mos, M. S. Gabor, A. Mesaros, F. Goga, L. Ciontea, and T. Petrisor, Fluorine-free propionate route for the chemical solution deposition of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconducting films, *Ceramics International* 41 (2015) 4416, DOI: 10.1016/j.ceramint.2014.11.132, 0272-8842
25. M.S. Gabor, T. Petrisor Jr., O. Pop, S. Colis, C. Tiusan, Temperature dependence of the perpendicular magnetic anisotropy in $\text{Ta}/\text{Co}_2\text{FeAl}/\text{MgO}$ structures probed by Anomalous Hall Effect, *Journal of Magnetism and Magnetic Materials* 392 (2015) 79, DOI: 10.1016/j.jmmm.2015.05.013, 0304-8853
26. M. S. Gabor, M. Belmeguenai, T. Petrisor Jr., C. Ulhaq-Bouillet, S. Colis, and C. Tiusan, Correlations between structural, electronic transport, and magnetic properties of $\text{Co}_2\text{FeAl}_{0.5}\text{Si}_{0.5}$ Heusler alloy epitaxial thin films, *Physical Review B* 92 (2015) 54433, DOI: 10.1103/PhysRevB.92.054433, 2469-9950
27. Belmeguenai, M. and Gabor, M. S. and Petrisor, T. Jr., Zighem, F., Chérif, S. M. and Tiusan, Capping layer-tailored interface magnetic anisotropy in ultrathin Co_2FeAl films, *Journal of Applied Physics* 117 (2015) 23906, DOI: 10.1063/1.4905688, 0021-8979
28. M. Belmeguenai, H. Tuzcuoglu, M. Gabor, T. Petrisor Jr., C. Tiusan, D. Berling, F. Zighem, and S. M. Cherif, Magnetic and structural properties of Co_2FeAl thin films grown on Si substrate, *Journal of Magnetism and Magnetic Materials* 373 (2015) 140, DOI: 10.1016/j.jmmm.2014.02.014, 0304-8853
29. M. S. Gabor, M. Belmeguenai, F. Zighem, S. M. Cherif, T. Petrisor Jr., T. Petrisor, C. Tiusan, and M. Hehn, Electronic, structural and magnetic properties of Co_2FeAl thin films for potential spintronic applications, *Spin* 4 (2014) 1440022, DOI: 10.1142/S2010324714400220, 2010-3247
30. R. B. Mos, T. Petrisor Jr., M. Nasui, A. Calleja, T. Puig, L. Ciontea, and T. Petrisor, Enhanced structural and morphological properties of Gd-doped CeO_2 thin films obtained by polymer-assisted deposition, *Materials Letters* 124 (2014) 306, DOI: 10.1016/j.matlet.2014.03.119, 0167-577X

31. M. Nasui, T. Petrisor Jr., R. B. Mos, A. Mesaros, R. A. Varga, B. S. Vasile, T. Ristoiu, L. Ciontea, T. Petrisor, Synthesis, crystal structure and thermal decomposition kinetics of yttrium propionate, *Journal of Analytical and Applied Pyrolysis* 106 (2014) 92, DOI: 10.1016/j.jaap.2014.01.004, 0165-2370
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33. Gueye, M. and Wague, B. M. and Zighem, F. and Belmeguenai, M. and Gabor, M. S., Petrisor, T. Jr. and Tiusan, C. and Mercone, S. and Faurie, D, Bending strain-tunable magnetic anisotropy in Co₂FeAl Heusler thin film on Kapton (R), *Applied Physics Letters* 105 (2014) 62409, DOI: 10.1063/1.4893157, 0003-6951
34. T. Petrisor Jr., R. B. Mos, M. Nasui, M. S. Gabor, A. Augieri, G. Celentano, D. De Felicis, E. Bemporad, L. Ciontea, T. Petrisor, The Vortex Path Model Analysis of the Field Angle Dependence of the Critical Current Density in Nanocomposite YBa₂Cu₃O_{7-x}-BaZrO₃ Films Obtained by Low Fluorine Chemical Solution Deposition, *Journal of Superconductivity and Novel Magnetism* 27 (2014) 2493, DOI: 10.1007/s10948-014-2712-z, 1557-1993
35. A. Mesaros, C. D. Ghitulica, M. Popa, R. Mereu, A. Popa, T. Petrisor Jr., Mi. Gabor, A.I. Cadis, B. S. Vasile, Synthesis, structural and morphological characteristics, magnetic and optical properties of Co doped ZnO nanoparticles, *Ceramics International* 40 (2014) 2835, DOI: 10.1016/j.ceramint.2013.10.030, 0272-8842
36. Belmeguenai, M. and Tuzcuoglu, H. and Gabor, M. S. and Petrisor, T. Jr. and Tiusan, C. and Zighem, F. and Chérif, S. M. and Moch, P., Co₂FeAl Heusler thin films grown on Si and MgO substrates: Annealing temperature effect, *Journal of Applied Physics* 115 (2014) 43918, DOI: 10.1063/1.4863398, 0021-8979
37. M.S. Gabor, C. Tiusan, T. Petrisor Jr., T. Petrisor, M. Hehn, Y. Lu, E. Snoeck,, Structural defects analysis versus spin polarized tunneling in Co₂FeAl/MgO/CoFe magnetic tunnel junctions with thick MgO barriers, *Journal of Magnetism and Magnetic Materials* 347 (2013) 79, DOI: 10.1016/j.jmmm.2013.07.028, 0304-8853
38. R. A. Mereu, A. Mesaros, T. Petrisor Jr., M. Gabor, M. Popa, L. Ciontea, T. Petrisor, Synthesis, characterization and thermal decomposition study of zinc propionate as a precursor for ZnO nanoparticles and thin films, *Journal of Analytical and Applied Pyrolysis* 104 (2013) 653, DOI: 10.1016/j.jaap.2013.05.001, 0165-2370
39. Belmeguenai, H. Tuzcuoglu, M. S. Gabor, T. Petrisor, Jr., C. Tiusan, D. Berling, F. Zighem, T. Chauveau, S. M. Chérif, and P. Moch, Co₂FeAl thin films grown on MgO substrates: Correlation between static, dynamic, and structural properties, *Physical Review B* 87 (2013) 184431, DOI: 10.1103/PhysRevB.87.184431, 1098-0121
40. R.B. Mos, T. Petrisor Jr., M.S. Gabor, A. Mancini, A. Ruffoloni, G. Celentano, A. Falqui, A. Genovese, R. Ruffilli, L. Ciontea, T. Petrisor, Epitaxial growth and characterization of La₂Zr₂O₇ multilayers on biaxially textured NiW substrate by chemical solution deposition under highly reducing conditions, *Thin Solid Films* 531 (2013) 491, DOI: 10.1016/j.tsf.2013.01.099, 0040-6090
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44. Petrisor, T. and Gabor, M. S. and Tiusan, C. and Galluzzi, V. and Celentano, G. and Popa, S. and Boule, A. and Petrisor, Magnetic pinning effects of epitaxial La_xSr_{1-x}MnO₃ nanostructured thin films on YBa₂Cu₃O_{7-δ} layers, *Journal of Applied Physics* 112 (2012) 53919, DOI: 10.1063/1.4748049, 0021-8979
45. T.Ristoiu, . T Petrisor Jr., M. Gabor, S. Rada, F. Popa, L- Ciontea, T- Petrisor, Electrical properties of ceria/carbonate nanocomposites, *Journal of Alloys and Compounds* 532 (2012) 109, DOI: 10.1016/j.jallcom.2012.03.098, 0925-8388
46. L. Ciontea, T. Ristoiu, R.B. Mos, M. Nasui, T. Petrisor Jr., M.S. Gabor, A. Mancini, A. Rufoloni, G. Celentano, T. Petrisor, Epitaxial growth of CeO₂ thin film on cube textured NiW substrate using a propionate-based metalorganic deposition (MOD) method, *Materials Chemistry and Physics* 133 (2012) 772, DOI: 10.1016/j.matchemphys.2012.01.092, 0254-0584
47. Gabor, M. S. and Petrisor, T. Jr. and Tiusan, C. and Hehn, M. and Vasile, B. S. and Petrisor, T, Influence of a TiO₂ buffer layer on the magnetic properties of anatase Co:TiO₂ thin films, *Journal of Applied Physics* 111 (2012) 83917, DOI: 10.1063/1.4706570, 0021-8979
48. A. Mesaros, M. Nasui, T. Petrisor Jr., L. Ciontea, and T. Petrisor, Synthesis of YTaO₄:Nb thin films by chemical solution deposition, *Journal of Alloys and Compounds* 543 (2012) 221, DOI: 10.1016/j.jallcom.2012.07.056, 0925-8388
49. R.B. Mos, M. Nasui, T. Petrisor Jr., M.S. Gabor, R. Varga, L. Ciontea, T. Petrisor, Synthesis, crystal structure and thermal decomposition study of a new barium acetato-propionate complex, *Journal of Analytical and Applied Pyrolysis* 92 (2011) 445, DOI: 10.1016/j.jaap.2011.08.007, 0165-2370
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51. M. S. Gabor, T. Petrisor, Jr., C. Tiusan, M. Hehn, and T. Petrisor, Magnetic and structural anisotropies of Co₂FeAl Heusler alloy epitaxial thin films, *Physical Review B* 84 (2011) 134413, DOI: 10.1103/PhysRevB.84.134413, 1098-0121
52. Petrisor, T. and Gabor, M. S. and Boule, A. and Bellouard, C. and Tiusan, C. and Pana, O. and Petrisor, T., Oxygen incorporation effects in annealed epitaxial La_(1-x)Sr_xMnO₃ thin films, *Journal of Applied Physics* 109 (2011) 123913, DOI: 10.1063/1.3596807, 0021-8979
53. Ortiz, G. Gabor, M. S. Petrisor, Jr., T. Boust, F. Issac, F. Tiusan, C. Hehn, M. Bobo, J. F., Static and dynamic magnetic properties of epitaxial Co₂FeAl Heusler alloy thin films, *Journal of Applied Physics* 109 (2011) 7324, DOI: 10.1063/1.3549581, 0021-8979
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