

Sever Mican

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polyethylene Glycol-Mediated Synthesis of Cubic Iron Oxide Nanoparticles with High Heating Power. <i>Nanoscale Research Letters</i> , 2015, 10, 391.	5.7	68
2	Structural, electronic and magnetic properties of the Mn ₅₀ Al ₄₆ Ni ₄ alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 841-847.	2.3	25
3	Magnetic properties and magnetocaloric effect in La _{1.4} x Ce x Ca _{1.6} Mn ₂ O ₇ perovskites synthesized by sol-gel method. <i>Journal of Materials Science</i> , 2012, 47, 3125-3130.	3.7	24
4	Effects of substitution of Pr, Nd, and Sm for La on the magnetic properties and magnetocaloric effect of La _{1.4} Ca _{1.6} Mn ₂ O ₇ . <i>Journal of Alloys and Compounds</i> , 2013, 553, 129-134.	5.5	20
5	Structural, electronic and magnetic properties of the Mn ₅₄ x Al ₄₆ Ti _x (x=2; 4) alloys. <i>Intermetallics</i> , 2017, 82, 101-106.	3.9	18
6	Magnetism and large magnetocaloric effect in HoFe ₂ xAl _x . <i>Journal of Alloys and Compounds</i> , 2013, 549, 64-69.	5.5	13
7	Magnetism and electronic structure calculation of SmN. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 115503.	1.8	13
8	Influence of microstructure on the interphase exchange coupling of Nd ₂ Fe ₁₄ B±Fe nanocomposites obtained at different milling energies. <i>Journal of Alloys and Compounds</i> , 2017, 697, 19-24.	5.5	10
9	Effect of Milling Conditions on the Microstructure and Interphase Exchange Coupling of Nd ₂ Fe ₁₄ B±Fe Nanocomposites. <i>Physics Procedia</i> , 2015, 75, 1314-1323.	1.2	6
10	Magnetic properties and magnetocaloric effect in La _{0.7} Nd _{0.3} Fe ₁₃ Si compounds. <i>Journal of Solid State Chemistry</i> , 2012, 187, 238-243.	2.9	5
11	Magnetic behaviour of Er ₁ xZrxFe ₂ intermetallic compounds. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 466003.	1.8	5
12	Route towards efficient magnetization reversal driven by voltage control of magnetic anisotropy. <i>Scientific Reports</i> , 2021, 11, 8801.	3.3	5
13	Electronic and magnetic properties of NiMn ₁ Ho _x Sb compounds. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 1779-1783.	1.5	4
14	Perpendicular Magnetic Anisotropy Electric Field Modulation in Magnetron-Sputtered Pt/Co/X/MgO Ultrathin Structures With Chemically Tailored Top Interface. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-10.	2.1	1
15	Influence of Cu addition on the structural, magnetic and magnetocaloric properties of the PrCo ₃ intermetallic compound. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164248.	5.5	1
16	Perpendicular Magnetic Anisotropy and Its Electric Field Manipulation in Magnetic Multilayered Heterostructures. <i>Studia Universitatis Babeş-Bolyai Physica</i> , 2021, 66, 91-110.	0.0	0