

Jihoon Park

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Sn addition on the microstructure and magnetic properties of MnBi bulk magnets. Journal of Alloys and Compounds, 2022, 891, 161999.	5.5	4
2	Crystallization and magnetic properties of ThMn ₁₂ -type Sm-Fe-Co-Ti-Si based magnetic materials. Journal of Materials Research and Technology, 2022, 16, 1458-1465.	5.8	4
3	A Review of Ultrafine-Grained Magnetic Materials Prepared by Using High-Pressure Torsion Method. Materials, 2022, 15, 2129.	2.9	5
4	Physical and Magnetic Properties of ThMn ₁₂ -Type Sm(Fe _{0.8} Co _{0.2}) ₁₀ Si ₂ Melt-Spun Ribbons. Metals, 2022, 12, 753.	2.3	3
5	Effect of Fe doping on the magnetic properties of MnBi alloy. Journal of Alloys and Compounds, 2021, 855, 157312.	5.5	7
6	Effect of phase purity on enhancing the magnetic properties of Mn-Bi alloy. Journal of Magnetism and Magnetic Materials, 2021, 517, 167344.	2.3	7
7	Phase transformation and magnetic properties of fully dense Sm(Fe _{0.8} Co _{0.2}) ₁₁ Ti bulk magnets. Scripta Materialia, 2021, 193, 17-21.	5.2	18
8	High Coercivity in MnAl Disc Prepared by Severe Plastic Deformation. Physica Status Solidi (B): Basic Research, 2020, 257, 1900356.	1.5	7
9	Effects of Mg and Sb Substitution on the Magnetic Properties of Magnetic Field Annealed MnBi Alloys. Nanomaterials, 2020, 10, 2265.	4.1	6
10	Phase transformation and enhanced coercivity in B-N-doped MnAl nanocrystalline bulk alloys prepared by high pressure torsion. AIP Advances, 2020, 10, 015320.	1.3	6
11	Magnetic properties of MnBi bulk magnets with NaCl and C addition. AIP Advances, 2019, 9, 115213.	1.3	3
12	Phase Transformation of Micrometer-Sized Mn ⁴⁺ Al ³⁺ C. IEEE Transactions on Magnetics, 2018, 54, 1-3.	2.1	1
13	Beating Thermal Deterioration of Magnetization with Mn ₄ C and Exchange Bias in Mn ⁴⁺ C Nanoparticles. Nanomaterials, 2018, 8, 1056.	4.1	3
14	Effects of Ga-doping on the microstructure and magnetic properties of MnBi alloys. Journal of Alloys and Compounds, 2018, 769, 813-816.	5.5	23
15	Structure and Magnetic Properties of MnBi Nanoparticles Prepared by Laser Ablation and Arc-Discharge Method. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	1
16	Electronic Structure and Maximum Energy Product of MnBi. Metals, 2014, 4, 455-464.	2.3	59
17	Magnetic properties of MnBi based alloys: First-principles calculations for MnBi-Co and MnBi-Co-Fe cases. AIP Advances, 2013, 3, .	1.3	23