

Jihoon Park

List of Publications by Year in descending order

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17
papers

180
citations

1478505

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1058476

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all docs

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docs citations

17
times ranked

161
citing authors

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