

Mohammadreza Ghahremani

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Design and Instrumentation of an Advanced Magnetocaloric Direct Temperature Measurement System. IEEE Transactions on Magnetics, 2012, 48, 3999-4002. | 2.1 | 13 |
| 2 | Direct and indirect measurement of the magnetocaloric effect in bulk and nanostructured Ni-Mn-In Heusler alloy. AIP Advances, 2018, 8, . | 1.3 | 13 |
| 3 | Enhanced Magnetic Properties of Ni ₅₁ Mn _{33.4} In _{15.6} Heusler Alloy Nanoparticles. IEEE Transactions on Magnetics, 2017, 53, 1-6. | 2.1 | 11 |
| 4 | Enhanced magnetic properties of yttrium-iron nanoparticles. AIP Advances, 2017, 7, 056423. | 1.3 | 10 |
| 5 | A Preisach-Type Magnetostriction Model for Materials Exhibiting Villari Reversal. IEEE Transactions on Magnetics, 2012, 48, 3360-3362. | 2.1 | 8 |
| 6 | Customizing Magnetic and Structural Properties of Nanomaterials. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 2.1 | 5 |
| 7 | Tuning the heat transfer medium and operating conditions in magnetic refrigeration. AIP Advances, 2016, 6, 075221. | 1.3 | 4 |
| 8 | Hysteresis loss reduction and magnetocaloric effect improvement in the Ni-Co-Mn-In alloys. AIP Advances, 2020, 10, 015227. | 1.3 | 3 |
| 9 | Surface Acoustic Wave devices for ocular drug delivery. , 2010, , . | | 2 |
| 10 | Martensitic Transformation and Magnetocaloric Effect in Co-Doped Ni-Mn-In Ferromagnetic Shape Memory Alloy. IEEE Transactions on Magnetics, 2021, 57, 1-6. | 2.1 | 1 |
| 11 | Characterization of the Mixed-Phase States Using Self-Similarity Phenomenon for First-Order Magnetocaloric Metamagnets. IEEE Transactions on Magnetics, 2012, 48, 3992-3994. | 2.1 | 0 |
| 12 | Magnetic states stabilization in Ni ₅₁ Mn _{33.4} In _{15.6} Heusler alloy. Cogent Physics, 2015, 2, 1109019. | 0.7 | 0 |