

Shun Fujieda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Growth of Fe-Ga Alloy Single Crystals by the Czochralski Method and Their Application to Vibration Power Generator. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	27
2	Magnetic Domain Structure and Magnetostriction of Fe-Ga Single Crystal Grown by the Czochralski Method. IEEE Magnetics Letters, 2017, 8, 1-4.	1.1	24
3	Anisotropy of Magnetostriction of Functional BCC Iron-Based Alloys. Materials Transactions, 2019, 60, 2235-2244.	1.2	20
4	Significant reduction in Young's modulus of Fe-Ga alloy single crystal by inverse magnetostrictive effect under tensile stress. Journal of Applied Physics, 2018, 124, 233901.	2.5	11
5	High-performance vibration power generation using polycrystalline Fe-Co-based alloy due to large inverse magnetostrictive effect. AIP Advances, 2021, 11, 035021.	1.3	8
6	Vibration Power Generation Property of U-Shaped Unimorph Device Using Grain-Oriented Electrical Steel. Materials Transactions, 2021, , .	1.2	3
7	Tetragonal Distortion Due to the Jahn-Teller Effect and Coercivity of Cu _{1-x} Fe _x O, Synthesized at Various Annealing Temperatures. IEEE Transactions on Magnetics, 2021, 57, 1-4.	2.1	2
8	Synthesis of Magnetic Wires from Polyol-Derived Fe-Glycolate Wires. Nanomaterials, 2020, 10, 318.	4.1	1
9	Radiation Induced Synthesis of Tin-based Nanoparticles and Investigation of the Generating Mechanism. Radioisotopes, 2022, 71, 171-177.	0.2	1
10	Correlation between cooling power and heat quantity of Er-Ho binary nitride as regenerator of 4K-GM cryocooler. Journal of Physics: Conference Series, 2021, 1857, 012009.	0.4	0
11	Inverse Magnetostrictive Effect in Fe-Ga Alloy Single Crystals for Application to Vibration Power Generation. Materia Japan, 2020, 59, 10-15.	0.1	0
12	Synthesis of Noble Metal Nanoparticles supported on Mesoporous Silica by Radiation Induced Reduction Method. Radioisotopes, 2020, 69, 155-161.	0.2	0