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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Giant 5.8% magnetic-field-induced strain in additive manufactured Ni-Mn-Ga magnetic shape memory alloy. <i>Scripta Materialia</i> , 2022, 208, 114324.	5.2	15
2	Characterizing Changes in Grain Growth, Mechanical Properties, and Transformation Properties in Differently Sintered and Annealed Binder-Jet 3D Printed 14M Niâ€“Mnâ€“Ga Magnetic Shape Memory Alloys. <i>Metals</i> , 2022, 12, 724.	2.3	3
3	Characterization of as-built and heat-treated Ni-Mn-Ga magnetic shape memory alloy manufactured via laser powder bed fusion. <i>Additive Manufacturing</i> , 2021, 39, 101854.	3.0	5
4	Transitory Ultrasonic Absorption in â€œDomain Engineeredâ€•Structures of 10 M Ni-Mn-Ga Martensite. <i>Metals</i> , 2021, 11, 1505.	2.3	2
5	Stress-induced a/b compound twins redistribution in 10M Ni-Mn-Ga martensite. <i>Scripta Materialia</i> , 2020, 175, 11-15.	5.2	10
6	Highly mobile twin boundaries in seven-layer modulated Niâ€“Mnâ€“Gaâ€“Fe martensite. <i>Scripta Materialia</i> , 2020, 178, 62-66.	5.2	18
7	Auto-Aspirated DAF Sparger Study on Flow Hydrodynamics, Bubble Generation and Aeration Efficiency. <i>Processes</i> , 2020, 8, 1498.	2.8	2
8	Ultrahigh damping and Youngâ€™s modulus softening due to a/b twins in 10M Ni-Mn-Ga martensite. <i>Scripta Materialia</i> , 2020, 178, 483-488.	5.2	6
9	Laser powder bed fusion of Ni-Mn-Ga magnetic shape memory alloy. <i>Additive Manufacturing</i> , 2019, 30, 100891.	3.0	10
10	Ultrafast actuation of Ni-Mn-Ga micropillars by pulsed magnetic field. <i>Scripta Materialia</i> , 2019, 162, 482-485.	5.2	25
11	Magnetic Domain Walls and Macroscopic Magnetization-Related Elastic and Anelastic Effects during Premartensitic Transition in Ni ₂ MnGa. <i>Materials</i> , 2019, 12, 376.	2.9	6
12	Giant magnetic-field-induced strain in Ni-Mn-Ga micropillars. <i>Scripta Materialia</i> , 2018, 150, 173-176.	5.2	26
13	Elastic and anelastic phenomena related to eddy currents in cubic Ni ₂ MnGa. <i>Scripta Materialia</i> , 2018, 147, 69-73.	5.2	8
14	Integratable magnetic shape memory micropump for high-pressure, precision microfluidic applications. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	50
15	Magnetic shape memory effect in single crystalline Ni-Mn-Ga foil thinned down to 1¼m. <i>Scripta Materialia</i> , 2017, 139, 152-154.	5.2	14
16	Dynamic twinning stress and viscous-like damping of twin boundary motion in magnetic shape memory alloy Ni-Mn-Ga. <i>Scripta Materialia</i> , 2017, 139, 126-129.	5.2	22
17	Pulsed magnetic field-induced single twin boundary motion in Niâ€“Mnâ€“Ga 5M martensite: A laser vibrometry characterization. <i>Scripta Materialia</i> , 2016, 113, 154-157.	5.2	24
18	Direct observation of fast-moving twin boundaries in magnetic shape memory alloy Niâ€“Mnâ€“Ga 5 M martensite. <i>Scripta Materialia</i> , 2016, 123, 9-12.	5.2	22

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19	Characterization of a high-resolution solid-state micropump that can be integrated into microfluidic systems. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 1255-1263.	2.2	37
20	Modeling and design of a vibration energy harvester using the magnetic shape memory effect. <i>Smart Materials and Structures</i> , 2015, 24, 095002.	3.5	26
21	Stabilization of a fine twin structure in Ni-Mn-Ga by a diamond-like carbon coating. <i>Scripta Materialia</i> , 2015, 106, 9-12.	5.2	8
22	Excitonic Chemiluminescence in Si and CdSe Nanocrystals Induced by their Interaction with Ozone. <i>ChemPhysChem</i> , 2011, 12, 846-853.	2.1	9