

Petr Cejpek

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

132
citations

1307594

7
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	OPTICAL AND MAGNETO-OPTICAL PROPERTIES OF PERMALLOY THIN FILMS IN 0.7–6.4 eV PHOTON ENERGY RANGE. <i>Materials and Design</i> , 2017, 114, 31-39.	7.0	38
2	Structure and microstructure of Ni-Mn-Ga single crystal exhibiting magnetic shape memory effect analysed by high resolution X-ray diffraction. <i>Acta Materialia</i> , 2016, 115, 250-258.	7.9	22
3	Ferroelectric phase transitions in multiferroic $\text{Ge}_{1-x}\text{Mn}_x\text{Te}$ driven by local lattice distortions. <i>Physical Review B</i> , 2016, 94, .	3.2	13
4	Quadratic magneto-optic Kerr effect spectroscopy of Fe epitaxial films on MgO(001) substrates. <i>Physical Review B</i> , 2019, 100, .	3.2	11
5	Rapid floating zone growth of Ni ₂ MnGa single crystals exhibiting magnetic shape memory functionality. <i>Journal of Alloys and Compounds</i> , 2019, 775, 533-541.	5.5	11
6	Optical and magneto-optical studies of martensitic transformation in Ni-Mn-Ga magnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2015, 117, 17A919.	2.5	9
7	Characterization of the Microstructure, Local Macro-Texture and Residual Stress Field of Commercially Pure Titanium Grade 2 Prepared by CONFORM ECAP. <i>Metals</i> , 2018, 8, 1000.	2.3	7
8	Landau level spectroscopy of the PbSnSe topological crystalline insulator. <i>Physical Review B</i> , 2021, 103, .	3.2	5
9	Microstructure Evolution and Mechanical Properties of cp-Ti Processed by a Novel Technique of Rotational Constrained Bending. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 1665-1678.	2.2	4
10	Temperature versus composition phase diagram and temperature evolution of structure and modulation of Ni ₂ MnGa _{1-x} In _x single crystals. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157327.	5.5	3
11	Thermal stability of the microstructure of rapidly solidified ribbon-consolidated Mg _{97.94} Zn _{0.56} Y _{1.5} alloy. <i>Materials Characterization</i> , 2022, 183, 111618.	4.4	3
12	Dependence of martensite transformation temperature on magnetic field in Ni ₂ MnGa and Ni ₂ MnGa _{0.95} In _{0.05} single crystals. <i>Journal of Alloys and Compounds</i> , 2022, 908, 164514.	5.5	2
13	Synthesis and characterisation of Fe-substituted Ni ₅₀ Mn ₂₅ Fe ₂₅ Ga ₂₅ single crystals – Development of the phase transformations with Fe content. <i>Journal of Alloys and Compounds</i> , 2022, 908, 164543.	5.5	2
14	Lattice dynamics in CePd ₂ Al ₂ and LaPd ₂ Al ₂ . <i>Scientific Reports</i> , 2021, 11, 20878.	3.3	1