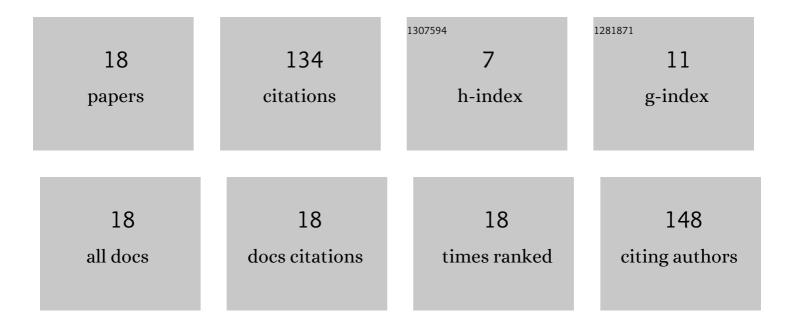


List of Publications by Year in descending order

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ΙΔΝ ΟΠΟΗΟΑ΄

#	Article	IF	CITATIONS
1	Revealing nanoscale strain mechanisms in ion-irradiated multilayers. Acta Materialia, 2022, 229, 117807.	7.9	31
2	Hardness response to the stability of a Ti(+N) solid solution in an annealed TiN/Ti(+N)/Ti mixture layer formed by nitrogen ion implantation into titanium. Journal of Alloys and Compounds, 2018, 746, 490-495.	5.5	17
3	Microstructure evolution and mechanical performance of ternary Zn-0.8Mg-0.2Sr (wt. %) alloy processed by equal-channel angular pressing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 824, 141809.	5.6	17
4	The evolution of microstructure and mechanical properties of Zn-0.8Mg-0.2Sr alloy prepared by casting and extrusion. Journal of Alloys and Compounds, 2022, 906, 164308.	5.5	14
5	Flux pinning and microstructure of a bulk MgB ₂ doped with diverse additives. Superconductor Science and Technology, 2020, 33, 094007.	3.5	10
6	Influence of Processing Conditions on Properties of AISI 316LN Steel Grade. Journal of Materials Engineering and Performance, 2020, 29, 1509-1514.	2.5	8
7	Ferroelectric phase transitions induced by a strain gradient. Physical Review Research, 2021, 3, .	3.6	7
8	CHARACTERISATION OF OXIDES BY ADVANCED TECHNIQUES. Acta Metallurgica Slovaca, 2018, 24, 13.	0.7	6
9	Selective laser melting of iron: Multiscale characterization of mechanical properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 800, 140316.	5.6	5
10	TEM observation of twins in surface grains of superelastic NiTi wire after cyclic loading. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 782, 139271.	5.6	4
11	Bimodal Microstructure in an AlZrTi Alloy Prepared by Mechanical Milling and Spark Plasma Sintering. Materials, 2020, 13, 3756.	2.9	3
12	Al2O3 and Pt Atomic Layer Deposition for Surface Modification of NiTi Shape Memory Films. Coatings, 2020, 10, 746.	2.6	3
13	Neutron Irradiated Reactor Internals: An Applied Methodology for Specimen Preparation and Post Irradiation Examination by Electron Microscopy Methods. Manufacturing Technology, 2018, 18, 545-551.	1.4	3
14	Fracture Resistance of 14Cr ODS Steel Exposed to a High Temperature Gas. Metals, 2017, 7, 560.	2.3	2
15	Effect of Strain Rate and High Temperature Water on Deformation Structure of VVER Neutron Irradiated Core Internals Steel. Minerals, Metals and Materials Series, 2019, , 549-563.	0.4	2
16	Hierarchical TiO2 Layers Prepared by Plasma Jets. Nanomaterials, 2021, 11, 3254.	4.1	2
17	Revealing Nanoscale Strain Mechanisms in Ion-Irradiated Multilayers. SSRN Electronic Journal, 0, , .	0.4	0
18	Effect of Strain Rate and High Temperature Water on Deformation Structure of VVER Neutron Irradiated Core Internals Steel. Minerals, Metals and Materials Series, 2018, , 549-563.	0.4	0