

David Geissler

List of Publications by Year in descending order

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16
papers

386
citations

759055

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17
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	On the low-cycle fatigue response of pre-strained austenitic Fe61Mn24Ni6.5Cr8.5 alloy showing TWIP effect. International Journal of Fatigue, 2012, 40, 51-60.	2.8	59
2	Peculiarities of deformation of CoCrFeMnNi at cryogenic temperatures. Journal of Materials Research, 2018, 33, 3287-3300.	1.2	56
3	The influence of deformation on the medium-range order of a Zr-based bulk metallic glass characterized by variable resolution fluctuation electron microscopy. Acta Materialia, 2019, 171, 275-281.	3.8	54
4	Severe deformation twinning in pure copper by cryogenic wire drawing. Acta Materialia, 2011, 59, 7816-7823.	3.8	39
5	Appearance of dislocation-mediated and twinning-induced plasticity in an engineering-grade FeMnNiCr alloy. Acta Materialia, 2011, 59, 7711-7723.	3.8	32
6	Face Centred Cubic Multi-Component Equiatomic Solid Solutions in the Au-Cu-Ni-Pd-Pt System. Metals, 2017, 7, 135.	1.0	25
7	Assessment of the thermodynamic dimension of the stacking fault energy. Philosophical Magazine, 2014, 94, 2967-2979.	0.7	22
8	On the shear-affected zone of shear bands in bulk metallic glasses. Journal of Alloys and Compounds, 2020, 837, 155494.	2.8	20
9	Thermomechanical processing of In-containing β -type Ti-Nb alloys. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 79, 283-291.	1.5	17
10	Powder metallurgical processing of low modulus β -type Ti-45Nb to bulk and macro-porous compacts. Powder Technology, 2017, 322, 393-401.	2.1	16
11	Thermal stability of electrical and mechanical properties of cryo-drawn Cu and CuZr wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 651, 567-573.	2.6	15
12	Correlations between the ductility and medium-range order of bulk metallic glasses. Journal of Applied Physics, 2020, 128, .	1.1	15
13	On sample size effects in fracture toughness determination of Bulk Metallic Glasses. Engineering Fracture Mechanics, 2018, 202, 500-507.	2.0	7
14	Deformation induced thermoremanent magnetisation in an FeMnNiCr antiferromagnetic alloy. Journal of Alloys and Compounds, 2011, 509, 3726-3734.	2.8	6
15	Granulation of Bulk Metallic Glass Forming Alloys as a Feedstock for Thermoplastic Forming and their Compaction into Bulk Samples. Materials Science Forum, 2016, 879, 589-594.	0.3	2
16	Studies on Stress Corrosion Cracking of Vit 105 Bulk Metallic Glass. Frontiers in Materials, 2020, 7, .	1.2	1