

Jiangting Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6305894/publications.pdf>

Version: 2024-02-01

23
papers

590
citations

623574

14
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface characteristics and precipitation during the austenite-to-ferrite transformation of a Ti-Mo microalloyed steel. <i>Journal of Alloys and Compounds</i> , 2022, 893, 162224.	2.8	4
2	Interphase precipitation hardening of a TiMo microalloyed dual-phase steel produced by continuous cooling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 804, 140518.	2.6	10
3	On the Degradation of Retained Austenite in Transformation Induced Plasticity Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 3802-3810.	1.1	2
4	Identification of critical strains for the random cellular automata finite element failure model based on in-situ tensile test. <i>Mechanics of Materials</i> , 2019, 133, 154-164.	1.7	8
5	The effect of strain on interphase precipitation characteristics in a Ti-Mo steel. <i>Acta Materialia</i> , 2019, 170, 75-86.	3.8	44
6	Quantification of precipitate hardening of twin nucleation and growth in Mg and Mg-5Zn using micro-pillar compression. <i>Acta Materialia</i> , 2019, 163, 68-77.	3.8	38
7	Transformation from cluster to nano-precipitate in microalloyed ferritic steel. <i>Scripta Materialia</i> , 2019, 160, 53-57.	2.6	46
8	Effects of hot-deformation on grain boundary precipitation and segregation in Ti-Mo microalloyed steels. <i>Materials and Design</i> , 2018, 141, 48-56.	3.3	37
9	A critical assessment of work hardening in TWIP steels through micropillar compression. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 696, 42-51.	2.6	15
10	Boron nitride nanotube reinforced titanium metal matrix composites with excellent high-temperature performance. <i>Journal of Materials Research</i> , 2017, 32, 3744-3752.	1.2	24
11	Anisotropic compressive behaviour of turbostratic graphite in carbon fibre. <i>Applied Materials Today</i> , 2017, 9, 196-203.	2.3	17
12	Interfacial reactions between titanium and boron nitride nanotubes. <i>Scripta Materialia</i> , 2017, 127, 108-112.	2.6	27
13	On the Ti-Mo-Fe-C atomic clustering during interphase precipitation in the Ti-Mo steel studied by advanced microscopic techniques. <i>Materials and Design</i> , 2016, 111, 222-229.	3.3	44
14	Strain gradients in Cu-Fe thin films and multilayers during micropillar compression. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 651, 146-154.	2.6	15
15	Enhanced mechanical response of an ultrafine grained Ti-6Al-4V alloy produced through warm symmetric and asymmetric rolling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 650, 404-413.	2.6	23
16	Mechanical Behavior of Nano-crystalline Metallic Thin Films and Multilayers Under Microcompression. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 1405-1412.	1.1	5
17	Investigation of precipitate hardening of slip and twinning in Mg5%Zn by micropillar compression. <i>Acta Materialia</i> , 2015, 100, 53-63.	3.8	93
18	Extrinsic size effect in microcompression of polycrystalline Cu/Fe multilayers. <i>Scripta Materialia</i> , 2013, 69, 626-629.	2.6	14

#	ARTICLE	IF	CITATIONS
19	Static recrystallization of strip cast alloys in the presence of complex nano-sulfide and nitride precipitates. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 581, 39-47.	2.6	18
20	Effects of mechanical properties on the contact profile in Berkovich nanoindentation of elastoplastic materials. <i>Journal of Materials Research</i> , 2012, 27, 313-319.	1.2	9
21	Effects of pores on shear bands in metallic glasses: A molecular dynamics study. <i>Computational Materials Science</i> , 2010, 50, 211-217.	1.4	42
22	Effects of quenching rate on amorphous structures of Cu ₄₆ Zr ₅₄ metallic glass. <i>Journal of Materials Processing Technology</i> , 2009, 209, 4601-4606.	3.1	32
23	Sliding wear behavior of plasma sprayed Fe ₃ Al-Al ₂ O ₃ graded coatings. <i>Thin Solid Films</i> , 2008, 516, 5681-5685.	0.8	23