Mingjiang Jin

List of Publications by Year
in descending order

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		1040056	1058476
20	210	9	14
papers	citations	h-index	g-index

20	20	20	172
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling of movement of liquid metal droplets driven by an electric field. Physical Chemistry Chemical Physics, 2017, 19, 18505-18513.	2.8	33
2	Microstructural origin of ultrahigh damping capacity in Ni50.8Ti49.2 alloy containing nanodomains induced by insufficient annealing and low-temperature aging. Acta Materialia, 2021, 205, 116541.	7.9	29
3	Microstructure evolution and mechanical property of Cu-15Ni-8Sn-0.2Nb alloy during aging treatment. Journal of Materials Science and Technology, 2021, 86, 227-236.	10.7	29
4	Occurrence of the R-phase with increased stability induced by low temperature precipitate-free aging in a Ni50.9Ti49.1 alloy. Acta Materialia, 2022, 227, 117688.	7.9	18
5	Strain glassy behavior and premartensitic transition in Au<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Al<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	17
6	Ultrahigh damping capacity achieved by modulating R phase in Ti49.2Ni50.8 shape memory alloy wires. Scripta Materialia, 2020, 183, 102-106.	5.2	17
7	Origin of low-temperature shoulder internal friction peak of Snoek-KÃ¶ster peak in a medium carbon high alloyed steel. Solid State Communications, 2014, 195, 31-34.	1.9	15
8	Effects of Titanium Micro-Nanopermeable Structures on Osteogenic Differentiation. Journal of Nanomaterials, 2018, 2018, 1-11.	2.7	12
9	High temperature internal friction in Ni50.3Ti29.7Zr20 shape memory alloy. Intermetallics, 2019, 109, 174-178.	3.9	10
10	Elinvar effect in severely-deformed Ti-50.8(at%)Ni thin belt. Materials Letters, 2019, 252, 96-99.	2.6	8
11	Origin of the anelastic behavior in Ti 50 Ni 44 Fe 6 alloy. Scripta Materialia, 2015, 108, 113-116.	5.2	6
12	Martensitic transformation and superelasticity in Au7Cu5Al4 shape memory alloy microwires. Intermetallics, 2019, 112, 106527.	3.9	4
13	A super-hydrophilic surface enhanced by the hierarchical reticular porous structure on a low-modulus Tiâ€“24Nbâ€“4Zrâ€“8Sn alloy. Surface Engineering, 2021, 37, 1290-1300.	2.2	4
14	B19-phase transition and related tensile properties of Ti50Ni30Cu20 shape memory alloy doped with hydrogen. Journal of Intelligent Material Systems and Structures, 2016, 27, 2517-2523.	2.5	2
15	Internal Friction Behavior Associated with Martensitic Decomposition in Low-carbon Dual-phase Steel. ISIJ International, 2019, 59, 1369-1374.	1.4	2
16	Molten Ga-Pd alloy catalyzed interfacial growth of graphene on dielectric substrates. Applied Surface Science, 2022, 576, 151806.	6.1	2
17	Mechanical Spectroscopy Of Bearing Steel. Archives of Metallurgy and Materials, 2015, 60, 2085-2092.	0.6	1
18	Enhanced superelasticity and two-way shape memory properties of bamboo-grained Au7Cu5Al4 microwires. Intermetallics, 2022, 145, 107547.	3.9	1

#	Article	IF	Citations
19	PRECIPITATION IN FE-NI-CO-TI FERROMAGNETIC SHAPE MEMORY ALLOY. International Journal of Modern Physics B, 2010, 24, 2363-2368.	2.0	0
20	Influence of Nb content on mechanical behavior and microstructure of Tiâ€“Nb alloys. International Journal of Materials Research, 2022, 113, 205-213.	0.3	0