Jianfeng Wan

List of Publications by Year
in descending order

10 papers	89 citations	1937685 4 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	95 citing authors

#	Article	IF	Citations
1	Interface stress evolution of martensitic transformation in MnCu alloys: A phase-field study. Materials and Design, 2016, 109, 88-97.	7.0	23
2	The influence of temperature on stacking fault energy in Fe-based alloys. Science in China Series D: Earth Sciences, 2001, 44, 345-352.	0.9	22
3	Effect of Nitrogen Addition on Shape Memory Characteristics of Fe-Mn-Si-Cr Alloy. Materials Transactions, 2002, 43, 920-925.	1.2	19
4	Phase-Field Study of Microstructure and Plasticity in Polycrystalline MnNi Shape Memory Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 5936-5941.	2.2	13
5	Motion Analysis of a Modular Inspection Robot with Magnetic Wheels. , 2006, , .		4
6	Electronic structure of FCC phase in Feâ^'Mnâ^'Si based shape memory alloys and its stability. Science in China Series D: Earth Sciences, 2001, 44, 486-492.	0.9	3
7	Heterogeneous coherent interface thermodynamics and Wulff construction associated with the cubic-tetragonal-orthorhombic multi-step structural transition in Mn-Ni alloys. Journal of Alloys and Compounds, 2019, 771, 254-267.	5.5	3
8	Electron-Phonon Mechanism of ω Phase Transformation. Materials Transactions, 2004, 45, 953-957.	1.2	1
9	Intrinsic Micromechanism of Multi-step Structural Transformation in MnNi Shape Memory Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 2706-2712.	2.2	1
10	Interfacial Modulus Mapping during Structural Transformation in Shape Memory Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4447-4452.	2.2	0