

Jianjun Wang

List of Publications by Year in descending order

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32
papers

495
citations

933447

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677142

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all docs

32
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32
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the Ag evolution process on ordering the transition for L_{10} -FePt nanoparticles synthesized by Ag addition. <i>New Journal of Chemistry</i> , 2022, 46, 6747-6755.	2.8	5
2	Direct microbial electron uptake as a mechanism for stainless steel corrosion in aerobic environments. <i>Water Research</i> , 2022, 219, 118553.	11.3	63
3	Seismogenic Structure of the 2017 Ms6.6 Jinghe, China, Earthquake Inferred from Seismic Detection and Relocation. <i>Seismological Research Letters</i> , 2022, 93, 2612-2624.	1.9	1
4	Synthesis of super-fine L_{10} -FePt nanoparticles with high ordering degree by two-step sintering under high magnetic field. <i>Journal of Materials Science and Technology</i> , 2021, 73, 178-185.	10.7	17
5	Tailoring cementite precipitation and mechanical properties of quenched and tempered steel by nickel partitioning between cementite and ferrite. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 802, 140686.	5.6	9
6	Influence of a Reduction Process on the Phase Component and Magnetic Properties of NdFeB Magnetic Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 715-719.	0.9	2
7	Magnetic Effect of the Occupied State of V Atom in Fe-V Alloy: First-Principles Calculation and Mössbauer Spectroscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 1425.	1.8	0
8	Modelling of Power-Law Fluid Flow Inside a Piezoelectric Inkjet Printhead. <i>Sensors</i> , 2021, 21, 2441.	3.8	4
9	Atomic interaction effect on magnetic properties of L_{10} -phase Fe-V alloys by Mössbauer and X-ray photoelectron spectroscopy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 567, 125676.	2.6	1
10	Enhanced high-temperature age-hardening behavior and mechanical properties of Al-Mg-Si alloys via microalloying with Cd. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 825, 141910.	5.6	14
11	High-resolution multiscale modeling of mechanical behavior of cold-drawn pearlitic steels. <i>Journal of Materials Research and Technology</i> , 2021, 15, 5920-5935.	5.8	8
12	Precipitation process of vanadium carbide in M23C6 by atomic-scale configuration analysis. <i>Journal of Materials Science</i> , 2020, 55, 762-773.	3.7	9
13	Mitigating net global warming potential and greenhouse gas intensity by intermittent irrigation under straw incorporation in Chinese double-rice cropping systems. <i>Paddy and Water Environment</i> , 2020, 18, 99-109.	1.8	12
14	Enhancing the bake-hardening responses of a pre-aged Al-Mg-Si alloy by trace Sn additions. <i>Journal of Materials Science and Technology</i> , 2020, 40, 107-112.	10.7	24
15	Multistage serrated flow behavior of a medium-manganese high-carbon steel. <i>Journal of Iron and Steel Research International</i> , 2020, 27, 1064-1072.	2.8	2
16	Incompleteness of bainite transformation in quenched and tempered steel under continuous cooling conditions. <i>Journal of Materials Research and Technology</i> , 2020, 9, 8985-8996.	5.8	11
17	Investigation on vanadium carbide transformations in M23C6 carbide by experimental observation and crystallographic analysis. <i>Materials Characterization</i> , 2020, 167, 110485.	4.4	2
18	Effect of heating rate during solution treatment on the bendability of Al-Mg-Si alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 791, 139604.	5.6	15

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19	Tuning heterostructures with powder metallurgy for high synergistic strengthening and hetero-deformation induced hardening. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 777, 139074.	5.6	31
20	Direct Synthesis of L_{10} -FePt Nanoparticles with High Coercivity via Pb Addition for Applications in Permanent Magnets and Catalysts. <i>ACS Applied Nano Materials</i> , 2020, 3, 1098-1103.	5.0	16
21	Reformation Behavior of Austenite in 2205 Duplex Stainless Steel with Rapid Heat Treatment. <i>Steel Research International</i> , 2019, 90, 1800305.	1.8	6
22	Evolution of deformation twins with strain rate in a medium-manganese wear-resistant steel $\text{Fe-8Mn-1C-1.2Cr-0.2V}$. <i>Journal of Iron and Steel Research International</i> , 2019, 26, 983-990.	2.8	7
23	Facile liquid-assisted one-step sintering synthesis of superfine L_{10} -FePt nanoparticles. <i>RSC Advances</i> , 2019, 9, 36034-36039.	3.6	9
24	Development of a path planning algorithm for reduced dimension patch printing conductive pattern on surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 1645-1654.	3.0	9
25	A first-principles investigation on the effect of the divacancy defect on magnetic properties of Fe94V6 alloy. <i>Journal of Applied Physics</i> , 2018, 124, 163904.	2.5	3
26	Spongy bilayer dressing composed of chitosan-Ag nanoparticles and chitosan-Bletilla striata polysaccharide for wound healing applications. <i>Carbohydrate Polymers</i> , 2017, 157, 1538-1547.	10.2	150
27	Sensitivity of Coulomb stress change to the parameters of the Coulomb failure model: A case study using the 2008 M_w 7.9 Wenchuan earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3371-3392.	3.4	40
28	Crystal structures and magnetic properties of epitaxial Co/W perpendicular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 334, 119-123.	2.3	8
29	Mechanical properties and microstructure evolution of cold-deformed high-nitrogen nickel-free austenitic stainless steel during annealing. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 830-835.	1.0	3
30	Magnetic anisotropy of epitaxially grown Co and its alloy thin films. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 185008.	1.8	8
31	Chronic fatigue stress leads to up-regulation of nitric oxide synthase in the rat nucleus accumbens. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 715-718.	2.9	5
32	Rupture Process of the 2017 M_w 6.3 Earthquake in Jinghe, Northwest China, Constrained by GNSS, InSAR, and Teleseismic Waveforms. <i>Seismological Research Letters</i> , 0, , .	1.9	1