

Puguang Ji

List of Publications by Year in descending order

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34
papers

794
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623188

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34
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Bandgap Se-Deficient Antimony Selenide as a Multifunctional Polysulfide Barrier toward High-Performance Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2020, 32, e1904876.	11.1	206
2	A novel high temperature vinylpyridine-based phthalonitrile polymer with a low melting point and good mechanical properties. <i>Polymer Chemistry</i> , 2018, 9, 976-983.	1.9	60
3	Flexible MoSe ₂ /MXene films for Li/Na-ion hybrid capacitors. <i>Journal of Power Sources</i> , 2021, 488, 229452.	4.0	59
4	Effects of grain refinement on the structure and properties of a CuAlMn shape memory alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 664, 215-220.	2.6	50
5	Synthesis and properties of a novel high temperature pyridine-containing phthalonitrile polymer. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3819-3825.	2.5	40
6	Effects of Cobalt on the structure and mechanical behavior of non-equal molar Co _x Fe _{50-x} Cr ₂₅ Ni ₂₅ high entropy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 723, 221-228.	2.6	37
7	Insight into the intercalation mechanism of WSe ₂ onions toward metal ion capacitors: sodium rivals lithium. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21605-21617.	5.2	35
8	Transformation Induced Plasticity Effects of a Non-Equal Molar Co-Cr-Fe-Ni High Entropy Alloy System. <i>Metals</i> , 2018, 8, 369.	1.0	29
9	WSe ₂ /Reduced Graphene Oxide Nanocomposite with Superfast Sodium Ion Storage Ability as Anode for Sodium Ion Capacitors. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3642-A3647.	1.3	26
10	Microstructure and mechanical properties of Cr-rich Co-Cr-Fe-Ni high entropy alloys designed by valence electron concentration. <i>Materials Chemistry and Physics</i> , 2019, 238, 121897.	2.0	25
11	Fabrication and properties of novel porous CuAlMn shape memory alloys and polymer/CuAlMn composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 21-30.	3.8	22
12	The Deformation Characteristics, Fracture Behavior and Strengthening-Toughening Mechanisms of Laminated Metal Composites: A Review. <i>Metals</i> , 2020, 10, 4.	1.0	21
13	Microstructural, Mechanical, and Damping Properties of a Cu-Based Shape Memory Alloy Refined by an In Situ LaB ₆ /Al Inoculant. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2310-2321.	1.1	16
14	Microstructure and mechanical properties of stainless steel clad plate joints produced by TIG and MAG hybrid welding. <i>Journal of Adhesion Science and Technology</i> , 2020, 34, 670-685.	1.4	16
15	Microstructure and mechanical properties of stainless steel clad plate welding joints by different welding processes. <i>Science and Technology of Welding and Joining</i> , 2020, 25, 571-580.	1.5	16
16	Bioinspired Pretextured Reduced Graphene Oxide Patterns with Multiscale Topographies for High-Performance Mechanosensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18645-18653.	4.0	15
17	Novel laminated multi-layer graphene/Cu-Al-Mn composites with ultrahigh damping capacity and superior tensile mechanical properties. <i>Carbon</i> , 2022, 188, 45-58.	5.4	14
18	Synthesis and properties of pyrazine-based oligomeric phthalonitrile resins. <i>High Performance Polymers</i> , 2019, 31, 1075-1084.	0.8	13

#	ARTICLE	IF	CITATIONS
19	Effects of grain refinement on the microstructures and damping behaviors of a Cu-Al-Ni-Mn-Ti shape memory alloy. <i>Intermetallics</i> , 2021, 138, 107315.	1.8	11
20	Flexible Electron-Rich Ion Channels Enable Ultrafast and Stable Aqueous Zinc-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54096-54105.	4.0	10
21	Microstructure and Interface Fracture Characteristics of Hot-Rolled Stainless Steel Clad Plates by Adding Different Interlayers. <i>Steel Research International</i> , 2020, 91, 1900604.	1.0	9
22	A Multidimensional Topotactic Host Composite Anode Toward Transparent Flexible Potassium-Ion Microcapacitors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1478-1488.	4.0	9
23	Interconnected nitrogen-doped carbon nanofibers derived from polypyrrole for high-performance Li/S batteries. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 1336-1340.	0.1	8
24	Phenomenological representation of mechanical spectroscopy of high damping MnCuNiFe alloy. <i>Materials Science and Technology</i> , 2020, 36, 743-749.	0.8	7
25	Synthesis and properties of a novel high-temperature vinylpyridine-based phthalonitrile polymer. <i>High Performance Polymers</i> , 2019, 31, 820-830.	0.8	6
26	Deformation Behavior and Strengthening Mechanisms of Multilayer SUS304/Cr17 Steels with Laminate/Network Interface. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 3658-3673.	1.1	6
27	Lithium-Sulfur Batteries: Low-Bandgap Se-Deficient Antimony Selenide as a Multifunctional Polysulfide Barrier toward High-Performance Lithium-Sulfur Batteries (<i>Adv. Mater.</i> 4/2020). <i>Advanced Materials</i> , 2020, 32, 2070030.	11.1	6
28	Influence of warm-rolling and annealing temperature on the microstructure and mechanical properties of ductile non-equal molar Co ₄₀ Cr ₂₅ Fe ₁₀ Ni ₂₅ high entropy alloys. <i>Materials Chemistry and Physics</i> , 2018, 216, 429-434.	2.0	5
29	A Phthalonitrile Resin with a Low Melting Point and High Storage Modulus Containing High-Density Aromatic Ether Bonds. <i>ChemistrySelect</i> , 2020, 5, 12213-12217.	0.7	4
30	Refining effect of an intermetallic inoculant on a Cu-Al-Mn shape memory alloy. <i>Materials Chemistry and Physics</i> , 2022, 280, 125835.	2.0	4
31	A Novel In Situ (Al ₃ Ni + Al ₃ Ti)/Al Composite Inoculant and Its Effects on the Microstructure, Damping and Mechanical Properties of Zn-Al Eutectoid Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2022, 53, 2099-2115.	1.1	3
32	Improvement of MoS ₂ thermoelectric power factor by doping WSe ₂ nanoparticle. <i>Materials Today Communications</i> , 2022, 31, 103420.	0.9	3
33	Effect of 1wt%Zn Addition on Microstructure and Mechanical Properties of Mg-6Er Alloys under High Strain Rates. <i>Metals</i> , 2022, 12, 883.	1.0	2
34	Effects of multi walled carbon nanotubes and multilayer graphene on the damping and quasi-static compressive mechanical properties of novel EP/ZA22 composites. <i>Journal of Composite Materials</i> , 2022, 56, 2095-2105.	1.2	1