

# Puguang Ji

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

794  
citations

623188

14  
h-index

525886

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

861  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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        |
| 2  | 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         |
| 3  | A Novel In Situ (Al <sub>3</sub> Ni + Al <sub>3</sub> 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         |
| 4  | Improvement of MoS <sub>2</sub> thermoelectric power factor by doping WSe <sub>2</sub> nanoparticle. <i>Materials Today Communications</i> , 2022, 31, 103420.  | 0.9  | 3         |
| 5  | A Multidimensional Topotactic Host Composite Anode Toward Transparent Flexible Potassium-Ion Microcapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1478-1488.  | 4.0  | 9         |
| 6  | 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         |
| 7  | 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         |
| 8  | Flexible MoSe <sub>2</sub> /MXene films for Li/Na-ion hybrid capacitors. <i>Journal of Power Sources</i> , 2021, 488, 229452.   | 4.0  | 59        |
| 9  | 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        |
| 10 | Flexible Electron-Rich Ion Channels Enable Ultrafast and Stable Aqueous Zinc-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54096-54105.  | 4.0  | 10        |
| 11 | 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        |
| 12 | 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       |
| 13 | The Deformation Characteristics, Fracture Behavior and Strengthening-Toughening Mechanisms of Laminated Metal Composites: A Review. <i>Metals</i> , 2020, 10, 4.  | 1.0  | 21        |
| 14 | 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         |
| 15 | 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         |
| 16 | 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        |
| 17 | Phenomenological representation of mechanical spectroscopy of high damping MnCuNiFe alloy. <i>Materials Science and Technology</i> , 2020, 36, 743-749.   | 0.8  | 7         |
| 18 | Lithium-Sulfur Batteries: Low-Bandgap Se-Deficient Antimony Selenide as a Multifunctional Polysulfide Barrier toward High-Performance Lithium-Sulfur Batteries (Adv. Mater. 4/2020). <i>Advanced Materials</i> , 2020, 32, 2070030.   | 11.1 | 6         |

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|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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        |
| 21 | Bioinspired Pretextured Reduced Graphene Oxide Patterns with Multiscale Topographies for High-Performance Mechanosensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18645-18653.  | 4.0 | 15        |
| 22 | Microstructural, Mechanical, and Damping Properties of a Cu-Based Shape Memory Alloy Refined by an In Situ LaB <sub>6</sub> /Al Inoculant. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2310-2321.  | 1.1 | 16        |
| 23 | Synthesis and properties of pyrazine-based oligomeric phthalonitrile resins. <i>High Performance Polymers</i> , 2019, 31, 1075-1084.  | 0.8 | 13        |
| 24 | Synthesis and properties of a novel high-temperature vinylpyridine-based phthalonitrile polymer. <i>High Performance Polymers</i> , 2019, 31, 820-830.  | 0.8 | 6         |
| 25 | 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        |
| 26 | 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        |
| 27 | Effects of Cobalt on the structure and mechanical behavior of non-equal molar Co <sub>x</sub> Fe <sub>50-x</sub> Cr <sub>25</sub> Ni <sub>25</sub> high entropy alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 723, 221-228. | 2.6 | 37        |
| 28 | Insight into the intercalation mechanism of WSe <sub>2</sub> onions toward metal ion capacitors: sodium rivals lithium. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21605-21617.   | 5.2 | 35        |
| 29 | WSe <sub>2</sub> /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        |
| 30 | 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        |
| 31 | Influence of warm-rolling and annealing temperature on the microstructure and mechanical properties of ductile non-equal molar Co <sub>40</sub> Cr <sub>25</sub> Fe <sub>10</sub> Ni <sub>25</sub> high entropy alloys. <i>Materials Chemistry and Physics</i> , 2018, 216, 429-434.                        | 2.0 | 5         |
| 32 | Effects of grain refinement on the structure and properties of a CuAlMn shape memory alloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 664, 215-220.   | 2.6 | 50        |
| 33 | 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        |
| 34 | 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         |