

# Jun Yi

## List of Publications by Year in descending order

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13  
papers

217  
citations

1307594

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h-index

1125743

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docs citations

13  
times ranked

225  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Micro- and Nanoscale Metallic Glassy Fibers. <i>Advanced Engineering Materials</i> , 2010, 12, 1117-1122.   | 3.5  | 72        |
| 2  | Sample size and preparation effects on the tensile ductility of Pd-based metallic glass nanowires. <i>Acta Materialia</i> , 2015, 87, 1-7.  | 7.9  | 53        |
| 3  | A Damage-tolerant Bulk Metallic Glass at Liquid-nitrogen Temperature. <i>Journal of Materials Science and Technology</i> , 2014, 30, 627-630.   | 10.7 | 15        |
| 4  | Guiding and Deflecting Cracks in Bulk Metallic Glasses to Increase Damage Tolerance. <i>Advanced Engineering Materials</i> , 2015, 17, 620-625.   | 3.5  | 15        |
| 5  | Long-term oxidation resistance and deterioration mechanism of magnetron sputtered Cr-Al-Si-N coatings on zirconium alloys in 1200 $\text{\AA}$ °C steam atmosphere. <i>Corrosion Science</i> , 2020, 171, 108603. | 6.6  | 15        |
| 6  | Piezoresistance effect of metallic glassy fibers. <i>Applied Physics Letters</i> , 2011, 98, 241917.  | 3.3  | 14        |
| 7  | Toward an ideal electrical resistance strain gauge using a bare and single straight strand metallic glassy fiber. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 609-613.                     | 5.1  | 8         |
| 8  | Effect of Cr/Al Atomic Ratio on the Oxidation Resistance in 1200 $\text{\AA}$ °C Steam for the CrAlSiN Coatings Deposited on Zr Alloy Substrates. <i>Jom</i> , 2019, 71, 4839-4847.                               | 1.9  | 7         |
| 9  | Fabrication and Properties of Micro- and Nanoscale Metallic Glassy Wires: A Review. <i>Advanced Engineering Materials</i> , 2018, 20, 1700875.  | 3.5  | 6         |
| 10 | Temperature Effect on Fracture of a Zr-Based Bulk Metallic Glass. <i>Materials</i> , 2020, 13, 2391.  | 2.9  | 6         |
| 11 | Tension-Tension Fatigue Behavior of High-Toughness Zr <sub>61</sub> Ti <sub>2</sub> Cu <sub>25</sub> Al <sub>12</sub> Bulk Metallic Glass. <i>Materials</i> , 2021, 14, 2815.                                     | 2.9  | 3         |
| 12 | Strong and Ductile Electroplated Heterogeneous Bulk Nanostructured Nickel. <i>Materials</i> , 2019, 12, 1573.   | 2.9  | 2         |
| 13 | Anisotropic Mechanical Response and Strain Localization of a Metallic Glassy-Fiber-Reinforced Polyethylene Terephthalate Fabric. <i>Materials</i> , 2021, 14, 5619.   | 2.9  | 1         |