

# Eun Park

## List of Publications by Year in descending order

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116  
papers

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times ranked

3293  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The Achilles' heel of iron-based catalysts during oxygen reduction in an acidic medium. <i>Energy and Environmental Science</i> , 2018, 11, 3176-3182.  | 30.8 | 332       |
| 2  | Phase separation and enhancement of plasticity in Cu-Al-Y bulk metallic glasses. <i>Acta Materialia</i> , 2006, 54, 2597-2604.  | 7.9  | 234       |
| 3  | Phase separation in metallic glasses. <i>Progress in Materials Science</i> , 2013, 58, 1103-1172.   | 32.8 | 209       |
| 4  | Natural-mixing guided design of refractory high-entropy alloys with as-cast tensile ductility. <i>Nature Materials</i> , 2020, 19, 1175-1181.   | 27.5 | 209       |
| 5  | Engineering atomic-level complexity in high-entropy and complex concentrated alloys. <i>Nature Communications</i> , 2019, 10, 2090.   | 12.8 | 182       |
| 6  | Real-time observations of TRIP-induced ultrahigh strain hardening in a dual-phase CrMnFeCoNi high-entropy alloy. <i>Nature Communications</i> , 2020, 11, 826.  | 12.8 | 165       |
| 7  | Lattice Distortions in the FeCoNiCrMn High Entropy Alloy Studied by Theory and Experiment. <i>Entropy</i> , 2016, 18, 321.  | 2.2  | 151       |
| 8  | Design of Bulk metallic glasses with high glass forming ability and enhancement of plasticity in metallic glass matrix composites: A review. <i>Metals and Materials International</i> , 2005, 11, 19-27. | 3.4  | 127       |
| 9  | The effect of Sn addition on the glass-forming ability of Cu-Ti-Zr-Ni-Si metallic glass alloys. <i>Journal of Non-Crystalline Solids</i> , 2002, 298, 15-22.  | 3.1  | 111       |
| 10 | Formation of Ca-Mg-Zn bulk glassy alloy by casting into cone-shaped copper mold. <i>Journal of Materials Research</i> , 2004, 19, 685-688.  | 2.6  | 109       |
| 11 | Bioinspired nacre-like alumina with a bulk-metallic glass-forming alloy as a compliant phase. <i>Nature Communications</i> , 2019, 10, 961.   | 12.8 | 106       |
| 12 | Enhancement of glass forming ability and plasticity by addition of Nb in Cu-Ti-Zr-Ni-Si bulk metallic glasses. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1232-1238.                           | 3.1  | 101       |
| 13 | Phase separation and improved plasticity by modulated heterogeneity in Cu-(Zr,Hf)-(Gd,Y)-Al metallic glasses. <i>Scripta Materialia</i> , 2007, 57, 49-52.  | 5.2  | 100       |
| 14 | The effect of Ag addition on the glass-forming ability of Mg-Cu-Y metallic glass alloys. <i>Journal of Non-Crystalline Solids</i> , 2001, 279, 154-160.   | 3.1  | 94        |
| 15 | Correlation between fragility and glass-forming ability/plasticity in metallic glass-forming alloys. <i>Applied Physics Letters</i> , 2007, 91, .   | 3.3  | 94        |
| 16 | Microstructure and mechanical properties of friction stir welded and laser welded high entropy alloy CrMnFeCoNi. <i>Metals and Materials International</i> , 2018, 24, 73-83.                             | 3.4  | 84        |
| 17 | In situ formation of two glassy phases in the Nd-Zr-Al-Co alloy system. <i>Scripta Materialia</i> , 2007, 56, 197-200.  | 5.2  | 80        |
| 18 | Utilization of high entropy alloy characteristics in Er-Gd-Y-Al-Co high entropy bulk metallic glass. <i>Acta Materialia</i> , 2018, 155, 350-361.   | 7.9  | 79        |

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|----|---|-----|-----------|
| 19 | Effect of Ag Addition on the Improvement of Glass-forming Ability and Plasticity of Mg-Cu-Gd Bulk Metallic Glass. <i>Journal of Materials Research</i> , 2005, 20, 2379-2385.   | 2.6 | 77        |
| 20 | Fabrication of Bulk Mg-Cu-Ag-Y Glassy Alloy by Squeeze Casting. <i>Materials Transactions, JIM</i> , 2000, 41, 846-849.   | 0.9 | 72        |
| 21 | Synthesis of metallic glass composites using phase separation phenomena. <i>Acta Materialia</i> , 2010, 58, 2483-2491.  | 7.9 | 72        |
| 22 | Atomic structure and growth mechanism of T1 precipitate in Al-Cu-Li-Mg-Ag alloy. <i>Scripta Materialia</i> , 2015, 109, 68-71.  | 5.2 | 68        |
| 23 | Effect of addition of Be on glass-forming ability, plasticity and structural change in Cu-Zr bulk metallic glasses. <i>Acta Materialia</i> , 2008, 56, 3120-3131.   | 7.9 | 67        |
| 24 | (Icosahedral phase+Î±-Mg) two phase microstructures in the Mg-Zn-Y ternary system. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001, 300, 312-315.                    | 5.6 | 59        |
| 25 | Parameter for glass forming ability of ternary alloy systems. <i>Applied Physics Letters</i> , 2005, 86, 061907.  | 3.3 | 52        |
| 26 | Effect of the substitution of Ag and Ni for Cu on the glass forming ability and plasticity of Cu <sub>60</sub> Zr <sub>30</sub> Ti <sub>10</sub> alloy. <i>Scripta Materialia</i> , 2006, 54, 1569-1573.                                  | 5.2 | 52        |
| 27 | Formation of Mg-Cu-Ni-Ag-Zn-Y-Gd Bulk Glassy Alloy by Casting into Cone-shaped Copper Mold in Air Atmosphere. <i>Journal of Materials Research</i> , 2005, 20, 1465-1469.   | 2.6 | 48        |
| 28 | Enhanced glass forming ability and plasticity in Mg-based bulk metallic glasses. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 225-229.                  | 5.6 | 47        |
| 29 | Direct determination of structural heterogeneity in metallic glasses using four-dimensional scanning transmission electron microscopy. <i>Ultramicroscopy</i> , 2018, 195, 189-193.   | 1.9 | 44        |
| 30 | Corrosion behaviour of Mg <sub>65</sub> Cu <sub>7.5</sub> Ni <sub>7.5</sub> Ag <sub>5</sub> Zn <sub>5</sub> Gd <sub>5</sub> Y <sub>5</sub> bulk metallic glass in aqueous environments. <i>Electrochimica Acta</i> , 2008, 53, 3403-3411. | 5.2 | 43        |
| 31 | A strategy of designing high-entropy alloys with high-temperature shape memory effect. <i>Scientific Reports</i> , 2019, 9, 13140.  | 3.3 | 38        |
| 32 | Bulk Glass Formation in Mg-Cu-Ag-Y-Gd Alloy. <i>Materials Transactions</i> , 2004, 45, 2474-2477.   | 1.2 | 37        |
| 33 | Correlation between plasticity and fragility in Mg-based bulk metallic glasses with modulated heterogeneity. <i>Journal of Applied Physics</i> , 2008, 104, 023520.   | 2.5 | 37        |
| 34 | The effect of Zr addition in glass forming ability of Ni-Nb alloy system. <i>Journal of Alloys and Compounds</i> , 2007, 434-435, 156-159.  | 5.5 | 36        |
| 35 | Mg-rich Mg-Ni-Gd ternary bulk metallic glasses with high compressive specific strength and ductility. <i>Journal of Materials Research</i> , 2007, 22, 334-338.   | 2.6 | 35        |
| 36 | Effect of atomic configuration and liquid stability on the glass-forming ability of Ca-based metallic glasses. <i>Applied Physics Letters</i> , 2005, 86, 201912.   | 3.3 | 32        |

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|----|---|-----|-----------|
| 37 | Curie-Weiss behavior of liquid structure and ideal glass state. <i>Scientific Reports</i> , 2019, 9, 18579.   | 3.3 | 26        |
| 38 | Observation of artifact-free amorphous structure in Cu–Zr-based alloy using transmission electron microscopy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 406, 119-124.                                     | 5.6 | 25        |
| 39 | Abnormal behavior of supercooled liquid region in bulk-forming metallic glasses. <i>Journal of Applied Physics</i> , 2010, 108, 053515.   | 2.5 | 25        |
| 40 | Thermal behavior of newly developed Zr <sub>33</sub> Hf <sub>8</sub> Ti <sub>6</sub> Cu <sub>32</sub> Ni <sub>10</sub> Co <sub>5</sub> Al <sub>6</sub> high-entropy bulk metallic glass. <i>Journal of Alloys and Compounds</i> , 2022, 892, 162220.                                  | 5.5 | 25        |
| 41 | Poisson's ratio and fragility of bulk metallic glasses. <i>Journal of Materials Research</i> , 2008, 23, 523-528.   | 2.6 | 23        |
| 42 | Effect of Alloy Composition on the Glass Forming Ability in Ca-Mg-Zn Alloy System. <i>Materials Science Forum</i> , 2005, 475-479, 3415-3418.   | 0.3 | 22        |
| 43 | Role of minor addition of metallic alloying elements in formation and properties of Cu–Ti-rich bulk metallic glasses. <i>Journal of Materials Research</i> , 2008, 23, 1995-2002.   | 2.6 | 22        |
| 44 | Correlation between volumetric change and glass-forming ability of metallic glass-forming alloys. <i>Applied Physics Letters</i> , 2008, 92, .  | 3.3 | 22        |
| 45 | A novel parameter to describe the glass-forming ability of alloys. <i>Journal of Applied Physics</i> , 2015, 118, 064902.   | 2.5 | 22        |
| 46 | Abnormal devitrification behavior and mechanical response of cold-rolled Mg-rich Mg-Cu-Gd metallic glasses. <i>Acta Materialia</i> , 2016, 116, 238-249.  | 7.9 | 22        |
| 47 | Grain Boundaries Boost Oxygen Evolution Reaction in NiFe Electrocatalysts. <i>Small Methods</i> , 2021, 5, 2000755.   | 8.6 | 22        |
| 48 | Element-resolved local lattice distortion in complex concentrated alloys: An observable signature of electronic effects. <i>Acta Materialia</i> , 2021, 216, 117135.  | 7.9 | 22        |
| 49 | Modulation of plastic flow in metallic glasses via nanoscale networks of chemical heterogeneities. <i>Acta Materialia</i> , 2017, 140, 116-129.   | 7.9 | 21        |
| 50 | Estimation of critical cooling rates for glass formation in bulk metallic glasses through non-isothermal thermal analysis. <i>Metals and Materials International</i> , 2005, 11, 1-9.   | 3.4 | 20        |
| 51 | Development of fcc-Al nanoparticles during crystallization of amorphous Al–Ni alloys containing mischmetal: Microstructure and hardness evaluation. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 604, 92-97. | 5.6 | 20        |
| 52 | Manipulation of $\gamma/\beta$ ratio in single phase FCC solid-solutions. <i>Applied Physics Letters</i> , 2016, 109, .   | 3.3 | 20        |
| 53 | Understanding of the Shear Bands in Amorphous Metals. <i>Applied Microscopy</i> , 2015, 45, 63-73.  | 1.4 | 20        |
| 54 | Fracture behavior of bulk metallic glass/metal laminate composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 417, 239-242.   | 5.6 | 18        |

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|----|--|-----|-----------|
| 55 | Improvement of plasticity by tailoring combination of constituent elements in Ti-rich Tiâ€“Zrâ€“Beâ€“Cuâ€“Ni bulk metallic glasses. <i>Journal of Materials Research</i> , 2007, 22, 3440-3447.  | 2.6 | 18        |
| 56 | Anelastic strain and structural anisotropy in homogeneously deformed Cu <sub>64.5</sub> Zr <sub>35.5</sub> metallic glass. <i>Acta Materialia</i> , 2008, 56, 5575-5583.   | 7.9 | 18        |
| 57 | A large reversible room temperature magneto-caloric effect in Ni-TM-Co-Mn-Sn (TM = Ti, V, Cr) meta-magnetic Heusler alloys. <i>Journal of Applied Physics</i> , 2018, 123, 033903.   | 2.5 | 18        |
| 58 | Formation of amorphous phase in melt-spun and injection-cast Cu <sub>60</sub> Zr <sub>30</sub> Ti <sub>10</sub> alloys. <i>Scripta Materialia</i> , 2004, 51, 221-224.   | 5.2 | 17        |
| 59 | Fabrication and mechanical properties of WC particulate reinforced Cu <sub>47</sub> Ti <sub>33</sub> Zr <sub>11</sub> Ni <sub>6</sub> Sn <sub>2</sub> Si <sub>1</sub> bulk metallic glass matrix composites. <i>Journal of Materials Science</i> , 2005, 40, 6127-6130.                | 3.7 | 17        |
| 60 | Manipulation of thermal and mechanical stability by addition of multiple equiatomic rare-earth elements in Al-TM-RE metallic glasses. <i>Intermetallics</i> , 2017, 91, 8-15.  | 3.9 | 17        |
| 61 | Optimization of conflicting properties via engineering compositional complexity in refractory high entropy alloys. <i>Scripta Materialia</i> , 2021, 199, 113839.  | 5.2 | 17        |
| 62 | Quasicrystals and related approximant phases in Mgâ€“Znâ€“Y. <i>Micron</i> , 2002, 33, 565-570.  | 2.2 | 16        |
| 63 | Improvement of glass-forming ability and phase separation in Cuâ€“Ti-rich Cuâ€“Tiâ€“Zrâ€“Niâ€“Si bulk metallic glasses. <i>Journal of Alloys and Compounds</i> , 2010, 504, S27-S30.   | 5.5 | 14        |
| 64 | Enhancement of interface anchoring and densification of Y <sub>2</sub> O <sub>3</sub> coating by metal substrate manipulation in aerosol deposition process. <i>Journal of Applied Physics</i> , 2015, 117, .  | 2.5 | 14        |
| 65 | Effects of alloying elements with positive enthalpy of mixing in Mg <sub>65</sub> Cu <sub>25</sub> Gd <sub>10</sub> bulk-forming metallic glasses. <i>Intermetallics</i> , 2012, 31, 9-15.   | 3.9 | 13        |
| 66 | Synthesis of bioinspired ice-templated bulk metallic glass-alumina composites with intertwined dendritic structure. <i>Scripta Materialia</i> , 2019, 172, 159-164.  | 5.2 | 13        |
| 67 | Mechanical behavior of Cu <sub>54</sub> Ni <sub>6</sub> Zr <sub>22</sub> Ti <sub>18</sub> bulk amorphous alloy during multi-pass warm rolling. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 929-933. | 5.6 | 12        |
| 68 | A simple model for determining alloy composition with large glass forming ability in ternary alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2001, 32, 200-202.   | 2.2 | 11        |
| 69 | The Effect of In Addition on the Glass-Forming Ability in Cu-Ti-Zr-Ni-Si Metallic Glasses. <i>Materials Transactions</i> , 2004, 45, 2693-2696.  | 1.2 | 11        |
| 70 | Development of Moâ€“Niâ€“Siâ€“B metallic glass with high thermal stability and H versus E ratios. <i>Materials and Design</i> , 2016, 98, 31-40.   | 7.0 | 11        |
| 71 | Deformation behavior of amorphous composites containing crystalline nickel in the supercooled liquid region. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 916-919.                                   | 5.6 | 10        |
| 72 | Manipulation of Microstructure and Mechanical Properties in N-Doped CoCrFeMnNi High-Entropy Alloys. <i>Metals</i> , 2021, 11, 1487.  | 2.3 | 10        |

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|----|--|-----|-----------|
| 73 | Electrochemically Activated NiFeO <sub>x</sub> H <sub>y</sub> for Enhanced Oxygen Evolution. ACS Applied Energy Materials, 2021, 4, 595-601.   | 5.1 | 10        |
| 74 | Structural behaviors of single and multiple amorphous alloys deformed by forced cold rolling. Intermetallics, 2010, 18, 1920-1924.   | 3.9 | 9         |
| 75 | In-situ synthesis and mechanical properties of Zr-based bulk metallic glass matrix composites manipulated by nitrogen additions. Intermetallics, 2017, 91, 70-77.  | 3.9 | 9         |
| 76 | Tuning correlative atomic scale fluctuation and related properties in Ni-Nb-Zr metallic glasses. Acta Materialia, 2019, 173, 52-60.  | 7.9 | 9         |
| 77 | A new class of light-weight metastable high entropy alloy with high strength and large ductility. Materialia, 2022, 21, 101284.  | 2.7 | 9         |
| 78 | Alloy design strategy to improve fluidity of Zr-based bulk metallic glass for near-net-shape manufacturing. Journal of Alloys and Compounds, 2022, 896, 162680.  | 5.5 | 9         |
| 79 | Effect of manipulating atomic scale heterogeneity on plasticity in Mg-based bulk metallic glasses. Intermetallics, 2010, 18, 1867-1871.  | 3.9 | 8         |
| 80 | Medium-range ordering, structural heterogeneity, and their influence on properties of Zr-Cu-Co-Al metallic glasses. Physical Review Materials, 2021, 5, .  | 2.4 | 8         |
| 81 | Strengthening by customizing microstructural complexity in nitrogen interstitial CoCrFeMnNi high-entropy alloys. Journal of Alloys and Compounds, 2022, 901, 163483.   | 5.5 | 8         |
| 82 | An in situ ambient and cryogenic transmission electron microscopy study of the effects of temperature on dislocation behavior in CrCoNi-based high-entropy alloys with low stacking-fault energy. Applied Physics Letters, 2021, 119, .                              | 3.3 | 8         |
| 83 | Network structure composite in phase separating Gd <sub>30</sub> Zr <sub>25</sub> Al <sub>25</sub> (Co/Cu) <sub>20</sub> metallic glassy alloys. Intermetallics, 2010, 18, 1846-1850.  | 3.9 | 7         |
| 84 | Anomalous glass transition behavior in Cu-Zr-Sn alloy system. Journal of Alloys and Compounds, 2011, 509, S52-S55.   | 5.5 | 7         |
| 85 | Non-isothermal kinetic studies of crystallization in amorphous Al <sub>86</sub> Ni <sub>10</sub> Mn <sub>4</sub> alloy. Journal of Non-Crystalline Solids, 2014, 387, 36-40.   | 3.1 | 7         |
| 86 | A hidden variable in shear transformation zone volume versus Poisson's ratio relation in metallic glasses. APL Materials, 2017, 5, 106105.   | 5.1 | 7         |
| 87 | An experimental case study on corrosion characterization of Cu <sub>46</sub> Zr <sub>40</sub> Ti <sub>8.5</sub> Al <sub>5.5</sub> metallic glass. Journal of Non-Crystalline Solids, 2019, 524, 119654.  | 3.1 | 7         |
| 88 | A criterion of ideal thermoplastic forming ability for metallic glasses. Scripta Materialia, 2020, 187, 221-226.   | 5.2 | 7         |
| 89 | In-situ synthesis of Mg-based bulk metallic glass matrix composites with primary $\hat{\Gamma}$ -Mg phases. Journal of Alloys and Compounds, 2021, 879, 160417.  | 5.5 | 7         |
| 90 | Finite element method analysis on the stress and strain states in amorphous composites containing crystalline copper during compression. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 704-708. | 5.6 | 6         |

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|-----|---|------|-----------|
| 91  | Accurate quantification of glass-forming ability by measuring effective volume relaxation of supercooled melt. <i>APL Materials</i> , 2017, 5, .  | 5.1  | 6         |
| 92  | Anomalous behavior of glass-forming ability and mechanical response in a series of equiatomic binary to denary metallic glasses. <i>Materialia</i> , 2020, 9, 100505.                                   | 2.7  | 6         |
| 93  | A scalable Al–Ni alloy powder catalyst prepared by metallurgical microstructure control. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11133-11140.  | 10.3 | 6         |
| 94  | High Pressure Quenched Glasses: unique structures and properties. <i>Scientific Reports</i> , 2020, 10, 9497.   | 3.3  | 6         |
| 95  | Rapid assessment of solid solution hardening via atomic size misfit parameter in refractory concentrated alloys. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161320.                            | 5.5  | 6         |
| 96  | Thermomechanical Analysis on the Phase Stability of Nitrogen-Doped Amorphous Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> Films. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 061201.      | 1.5  | 5         |
| 97  | In situ synthesis of cold-rollable aluminum–aluminum nitride composites via arc plasma-induced accelerated volume nitridation. <i>Journal of Materials Research</i> , 2017, 32, 217-226.                | 2.6  | 5         |
| 98  | In-situ synthesis of co-continuous aluminum-aluminum nitride composites by arc plasma induced accelerated displacement reaction. <i>Journal of Alloys and Compounds</i> , 2017, 729, 171-179.           | 5.5  | 5         |
| 99  | Improvement of Mechanical Properties of Zr-Based Bulk Amorphous Alloys by High Temperature Heat Treatment. <i>Metals and Materials International</i> , 2020, 26, 1144-1151.                             | 3.4  | 5         |
| 100 | Effects of transformation-induced plasticity on the small-scale deformation behavior of single crystalline complex concentrated alloys. <i>Scripta Materialia</i> , 2020, 176, 122-125.                 | 5.2  | 5         |
| 101 | Suppressed radiation-induced dynamic recrystallization in CrFeCoNiCu high-entropy alloy. <i>Scripta Materialia</i> , 2021, 190, 158-162.  | 5.2  | 5         |
| 102 | Composition Design and Nanoindentation Studies on Mg-Ca-Zn Metallic Glass. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2022, 53, 1419-1429.          | 2.2  | 5         |
| 103 | Structural signature and size-dependent mechanical response of frozen-in icosahedral phase in bulk metallic glasses. <i>Materials and Design</i> , 2018, 138, 129-139.                                  | 7.0  | 3         |
| 104 | Microstructure Evolution and Related Magnetic Properties of Cu-Zr-Al-Gd Phase-Separating Metallic Glasses. <i>Jom</i> , 2018, 70, 988-992.  | 1.9  | 3         |
| 105 | Synthesis of high-entropy alloy thin films via grain boundary diffusion–assisted solid-state alloying. <i>Scripta Materialia</i> , 2022, 207, 114302.   | 5.2  | 3         |
| 106 | Pushing the Boundaries of Multicomponent Alloy Nanostructures: Hybrid Approach of Liquid Phase Separation and Selective Leaching Processes. <i>Accounts of Chemical Research</i> , 2022, 55, 1821-1831. | 15.6 | 3         |
| 107 | The Effect of Ag on the Glass Forming Ability and Crystallization in Mg-Cu-Ag-Y Alloys. <i>Materials Science Forum</i> , 2001, 360-362, 95-100.   | 0.3  | 2         |
| 108 | Probing structural changes during ductile fracture in metallic glasses via in situ straining inside a MeV transmission electron microscope. <i>Intermetallics</i> , 2018, 102, 94-100.                  | 3.9  | 2         |

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|-----|---|-----|-----------|
| 109 | Development of Al-Based Metallic Glass Composites Containing Pb-Rich Crystalline 2 <sup>nd</sup> Phase. Journal of Korean Institute of Metals and Materials, 2020, 58, 77-86.         | 1.0 | 2         |
| 110 | Nano-scale Shell in Phase Separating Gd-Ti-Al-Co Metallic Glass. Applied Microscopy, 2013, 43, 98-101.  | 1.4 | 2         |
| 111 | Probing Nanoscale Structural Heterogeneity in Metallic Glasses Using 4-D STEM. Microscopy and Microanalysis, 2018, 24, 202-203.   | 0.4 | 1         |
| 112 | Biocorrosion Evaluation on a Zr-Cu-Ag-Ti Metallic Glass. IOP Conference Series: Materials Science and Engineering, 2018, 346, 012009.   | 0.6 | 1         |
| 113 | Development of Light-Weight TRIP/TWIP FCC High Entropy Alloy with High Specific Strength and Large Ductility. Journal of Korean Institute of Metals and Materials, 2021, 59, 857-869. | 1.0 | 1         |
| 114 | Ca-Mg-Zn Bulk Metallic Glasses with Strong Glass-Forming Ability Synthesized under Air Atmosphere. Journal of Metastable and Nanocrystalline Materials, 2005, 24-25, 687-690.         | 0.1 | 0         |
| 115 | Nano-crystal formation of Mg-Cu-Gd amorphous ribbon deformed by forced cold rolling. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012165.                      | 0.6 | 0         |
| 116 | Determining Medium Range Atomic Ordering in Metallic Glasses Using 4D-STEM. Microscopy and Microanalysis, 2020, 26, 230-232.  | 0.4 | 0         |