

Zhao-Ping Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7881582/publications.pdf>

Version: 2024-02-01

263
papers

23,696
citations

10351

72
h-index

8835

145
g-index

266
all docs

266
docs citations

266
times ranked

8581
citing authors

#	ARTICLE	IF	CITATIONS
1	A precipitation-hardened high-entropy alloy with outstanding tensile properties. Acta Materialia, 2016, 102, 187-196.	3.8	1,665
2	A new glass-forming ability criterion for bulk metallic glasses. Acta Materialia, 2002, 50, 3501-3512.	3.8	1,162
3	Effects of Al addition on structural evolution and tensile properties of the FeCoNiCrMn high-entropy alloy system. Acta Materialia, 2014, 62, 105-113.	3.8	1,036
4	Enhanced strength and ductility in a high-entropy alloy via ordered oxygen complexes. Nature, 2018, 563, 546-550.	13.7	988
5	Ultrastrong steel via minimal lattice misfit and high-density nanoprecipitation. Nature, 2017, 544, 460-464.	13.7	843
6	Ductile CoCrFeNiMox high entropy alloys strengthened by hard intermetallic phases. Acta Materialia, 2016, 116, 332-342.	3.8	670
7	Grain growth and the Hall-Petch relationship in a high-entropy FeCrNiCoMn alloy. Scripta Materialia, 2013, 68, 526-529.	2.6	650
8	Structural Amorphous Steels. Physical Review Letters, 2004, 92, 245503.	2.9	534
9	Glass Formation Criterion for Various Glass-Forming Systems. Physical Review Letters, 2003, 91, 115505.	2.9	459
10	Bulk Metallic Glass Composites with Transformation-Mediated Work-Hardening and Ductility. Advanced Materials, 2010, 22, 2770-2773.	11.1	431
11	Phase-Transformation Ductilization of Brittle High-Entropy Alloys via Metastability Engineering. Advanced Materials, 2017, 29, 1701678.	11.1	421
12	An assessment on the future development of high-entropy alloys: Summary from a recent workshop. Intermetallics, 2015, 66, 67-76.	1.8	355
13	Creep-Resistant, Al ₂ O ₃ -Forming Austenitic Stainless Steels. Science, 2007, 316, 433-436.	6.0	337
14	Effects of Nb additions on the microstructure and mechanical property of CoCrFeNi high-entropy alloys. Intermetallics, 2015, 60, 1-8.	1.8	326
15	Fe-based bulk metallic glasses: Glass formation, fabrication, properties and applications. Progress in Materials Science, 2019, 103, 235-318.	16.0	321
16	Stacking fault energy of face-centered-cubic high entropy alloys. Intermetallics, 2018, 93, 269-273.	1.8	312
17	Formation of Cu-Zr-Al bulk metallic glass composites with improved tensile properties. Acta Materialia, 2011, 59, 2928-2936.	3.8	290
18	Steady state flow of the FeCoNiCrMn high entropy alloy at elevated temperatures. Intermetallics, 2014, 55, 9-14.	1.8	284

#	ARTICLE	IF	CITATIONS
19	Guidelines in predicting phase formation of high-entropy alloys. <i>MRS Communications</i> , 2014, 4, 57-62.	0.8	275
20	Role of yttrium in glass formation of Fe-based bulk metallic glasses. <i>Applied Physics Letters</i> , 2003, 83, 2581-2583.	1.5	263
21	Incipient plasticity and dislocation nucleation of FeCoCrNiMn high-entropy alloy. <i>Acta Materialia</i> , 2013, 61, 2993-3001.	3.8	263
22	The correlation between reduced glass transition temperature and glass forming ability of bulk metallic glasses. <i>Scripta Materialia</i> , 2000, 42, 667-673.	2.6	260
23	Role of minor alloying additions in formation of bulk metallic glasses: A Review. <i>Journal of Materials Science</i> , 2004, 39, 3965-3974.	1.7	257
24	Aluminum Alloying Effects on Lattice Types, Microstructures, and Mechanical Behavior of High-Entropy Alloys Systems. <i>Jom</i> , 2013, 65, 1848-1858.	0.9	250
25	Precipitation behavior and its effects on tensile properties of FeCoNiCr high-entropy alloys. <i>Intermetallics</i> , 2016, 79, 41-52.	1.8	225
26	Effect of annealing on mechanical properties of a nanocrystalline CoCrFeNiMn high-entropy alloy processed by high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 676, 294-303.	2.6	225
27	Thermal stability and coarsening of coherent particles in a precipitation-hardened (NiCoFeCr) ₉₄ Ti ₂ Al ₄ high-entropy alloy. <i>Acta Materialia</i> , 2018, 147, 184-194.	3.8	215
28	Additive manufacturing of metals: Microstructure evolution and multistage control. <i>Journal of Materials Science and Technology</i> , 2022, 100, 224-236.	5.6	215
29	Short-range ordering and its effects on mechanical properties of high-entropy alloys. <i>Journal of Materials Science and Technology</i> , 2021, 62, 214-220.	5.6	201
30	Polymorphism in a high-entropy alloy. <i>Nature Communications</i> , 2017, 8, 15687.	5.8	192
31	Reduced glass transition temperature and glass forming ability of bulk glass forming alloys. <i>Journal of Non-Crystalline Solids</i> , 2000, 270, 103-114.	1.5	190
32	Theoretical Strength and the Onset of Plasticity in Bulk Metallic Glasses Investigated by Nanoindentation with a Spherical Indenter. <i>Physical Review Letters</i> , 2004, 93, 125504.	2.9	184
33	Rare-earth high-entropy alloys with giant magnetocaloric effect. <i>Acta Materialia</i> , 2017, 125, 481-489.	3.8	169
34	Metallic Liquids and Glasses: Atomic Order and Global Packing. <i>Physical Review Letters</i> , 2010, 105, 155501.	2.9	157
35	Cooperative deformation in high-entropy alloys at ultralow temperatures. <i>Science Advances</i> , 2020, 6, eaax4002.	4.7	157
36	Spherical nanoindentation creep behavior of nanocrystalline and coarse-grained CoCrFeMnNi high-entropy alloys. <i>Acta Materialia</i> , 2016, 109, 314-322.	3.8	156

#	ARTICLE	IF	CITATIONS
37	New criterion of glass forming ability for bulk metallic glasses. <i>Journal of Applied Physics</i> , 2007, 101, 086108.	1.1	142
38	Alumina-Forming Austenitic Stainless Steels Strengthened by Laves Phase and MC Carbide Precipitates. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2007, 38, 2737-2746.	1.1	139
39	Microstructure and properties of a CoCrFeNiMn high-entropy alloy processed by equal-channel angular pressing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 705, 411-419.	2.6	137
40	The development of alumina-forming austenitic stainless steels for high-temperature structural use. <i>Jom</i> , 2008, 60, 12-18.	0.9	136
41	Formation, structure and properties of biocompatible TiZrHfNbTa high-entropy alloys. <i>Materials Research Letters</i> , 2019, 7, 225-231.	4.1	131
42	Alloying effects on creep and oxidation resistance of austenitic stainless steel alloys employing intermetallic precipitates. <i>Intermetallics</i> , 2008, 16, 453-462.	1.8	130
43	<i>In-situ</i> neutron diffraction study of deformation behavior of a multi-component high-entropy alloy. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	128
44	Development of a novel high-entropy alloy with eminent efficiency of degrading azo dye solutions. <i>Scientific Reports</i> , 2016, 6, 34213.	1.6	109
45	A new approach to understanding and measuring glass formation in bulk amorphous materials. <i>Intermetallics</i> , 2004, 12, 1035-1043.	1.8	108
46	Effect of residual stresses on the hardness of bulk metallic glasses. <i>Acta Materialia</i> , 2011, 59, 2858-2864.	3.8	105
47	Effect of minor alloying additions on glass formation in bulk metallic glasses. <i>Intermetallics</i> , 2005, 13, 415-418.	1.8	104
48	Elastic Moduli Inheritance and the Weakest Link in Bulk Metallic Glasses. <i>Physical Review Letters</i> , 2012, 108, 085501.	2.9	103
49	Nanomechanical behavior and structural stability of a nanocrystalline CoCrFeNiMn high-entropy alloy processed by high-pressure torsion. <i>Journal of Materials Research</i> , 2015, 30, 2804-2815.	1.2	101
50	Shock compression response of high entropy alloys. <i>Materials Research Letters</i> , 2016, 4, 226-232.	4.1	100
51	Facile route to bulk ultrafine-grain steels for high strength and ductility. <i>Nature</i> , 2021, 590, 262-267.	13.7	98
52	Local chemical fluctuation mediated ductility in body-centered-cubic high-entropy alloys. <i>Materials Today</i> , 2021, 46, 28-34.	8.3	98
53	Effects of alloying elements on glass formation, mechanical and soft-magnetic properties of Fe-based metallic glasses. <i>Intermetallics</i> , 2011, 19, 1502-1508.	1.8	96
54	Transformation-induced plasticity in bulk metallic glass composites evidenced by in-situ neutron diffraction. <i>Acta Materialia</i> , 2017, 124, 478-488.	3.8	93

#	ARTICLE	IF	CITATIONS
55	Recent progress in quantifying glass-forming ability of bulk metallic glasses. <i>Intermetallics</i> , 2007, 15, 618-624.	1.8	91
56	Thermoelectric high-entropy alloys with low lattice thermal conductivity. <i>RSC Advances</i> , 2016, 6, 52164-52170.	1.7	91
57	Evidence for superplasticity in a CoCrFeNiMn high-entropy alloy processed by high-pressure torsion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 685, 342-348.	2.6	91
58	Transformation-reinforced high-entropy alloys with superior mechanical properties via tailoring stacking fault energy. <i>Journal of Alloys and Compounds</i> , 2019, 792, 444-455.	2.8	90
59	IrW nanochannel support enabling ultrastable electrocatalytic oxygen evolution at 2â€™%Aâ€™%cmâ€™2 in acidic media. <i>Nature Communications</i> , 2021, 12, 3540.	5.8	89
60	Vacancy formation enthalpies of high-entropy FeCoCrNi alloy via first-principles calculations and possible implications to its superior radiation tolerance. <i>Journal of Materials Science and Technology</i> , 2018, 34, 355-364.	5.6	87
61	Strengthening of a CrMnFeCoNi high-entropy alloy by carbide precipitation. <i>Journal of Alloys and Compounds</i> , 2019, 792, 1028-1035.	2.8	87
62	Dynamic deformation behavior of a face-centered cubic FeCoNiCrMn high-entropy alloy. <i>Science Bulletin</i> , 2018, 63, 362-368.	4.3	86
63	Ductilizing Bulk Metallic Glass Composite by Tailoring Stacking Fault Energy. <i>Physical Review Letters</i> , 2012, 109, 245506.	2.9	85
64	Improvement of high-temperature oxidation resistance and strength in alumina-forming austenitic stainless steels. <i>Materials Letters</i> , 2011, 65, 3285-3288.	1.3	82
65	High thermal stability and sluggish crystallization kinetics of high-entropy bulk metallic glasses. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	82
66	Thermoelectric performance of PbSnTeSe high-entropy alloys. <i>Materials Research Letters</i> , 2017, 5, 187-194.	4.1	81
67	Identify the best glass forming ability criterion. <i>Intermetallics</i> , 2010, 18, 883-888.	1.8	80
68	Dislocation nucleation during nanoindentation in a body-centered cubic TiZrHfNb high-entropy alloy. <i>Scripta Materialia</i> , 2017, 130, 64-68.	2.6	80
69	Flexible Honeycombed Nanoporous/Glassy Hybrid for Efficient Electrocatalytic Hydrogen Generation. <i>Advanced Materials</i> , 2019, 31, e1904989.	11.1	80
70	Solving the strength-ductility tradeoff in the medium-entropy NiCoCr alloy via interstitial strengthening of carbon. <i>Intermetallics</i> , 2019, 106, 77-87.	1.8	77
71	Class-forming tendency of bulk Laâ€™Alâ€™Niâ€™Cuâ€™(Co) metallic glass-forming liquids. <i>Journal of Applied Physics</i> , 2003, 93, 286-290.	1.1	76
72	Superplasticity and superplastic forming ability of a Zrâ€™Tiâ€™Niâ€™Cuâ€™Be bulk metallic glass in the supercooled liquid region. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 209-217.	1.5	75

#	ARTICLE	IF	CITATIONS
73	On the formation of hierarchical microstructure in a Mo-doped NiCoCr medium-entropy alloy with enhanced strength-ductility synergy. <i>Scripta Materialia</i> , 2020, 175, 1-6.	2.6	75
74	Development of advanced materials via entropy engineering. <i>Scripta Materialia</i> , 2019, 165, 164-169.	2.6	74
75	Atomistic mechanism for nanocrystallization of metallic glasses. <i>Acta Materialia</i> , 2008, 56, 2760-2769.	3.8	73
76	Solving oxygen embrittlement of refractory high-entropy alloy via grain boundary engineering. <i>Materials Today</i> , 2022, 54, 83-89.	8.3	72
77	Glass formation in La-based La-Al-Ni-Cu (Co) alloys by Bridgman solidification and their glass forming ability. <i>Acta Materialia</i> , 1999, 47, 2215-2224.	3.8	71
78	High-temperature plastic flow of a precipitation-hardened FeCoNiCr high entropy alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 686, 34-40.	2.6	69
79	Improving plasticity of the Zr 46 Cu 46 Al 8 bulk metallic glass via thermal rejuvenation. <i>Science Bulletin</i> , 2018, 63, 840-844.	4.3	69
80	Study on the hydrogen storage properties of a TiZrNbTa high entropy alloy. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5367-5374.	3.8	67
81	Efficient local atomic packing in metallic glasses and its correlation with glass-forming ability. <i>Physical Review B</i> , 2009, 80, .	1.1	65
82	A simplified model connecting lattice distortion with friction stress of Nb-based equiatomic high-entropy alloys. <i>Materials Research Letters</i> , 2019, 7, 340-346.	4.1	65
83	Precipitate characteristics and their effects on the high-temperature creep resistance of alumina-forming austenitic stainless steels. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 622, 91-100.	2.6	63
84	Microstructural Control via Copious Nucleation Manipulated by In Situ Formed Nucleants: Large-Sized and Ductile Metallic Glass Composites. <i>Advanced Materials</i> , 2016, 28, 8156-8161.	11.1	63
85	Sandwich nanoporous framework decorated with vertical CuO nanowire arrays for electrochemical glucose sensing. <i>Electrochimica Acta</i> , 2019, 299, 470-478.	2.6	63
86	Investigation on the activation mechanism of hydrogen absorption in TiZrNbTa high entropy alloy. <i>Journal of Alloys and Compounds</i> , 2019, 781, 613-620.	2.8	62
87	Extremely high dislocation density and deformation pathway of CrMnFeCoNi high entropy alloy at ultralow temperature. <i>Scripta Materialia</i> , 2020, 188, 21-25.	2.6	62
88	Annealing effect on plastic flow in nanocrystalline CoCrFeMnNi high-entropy alloy: A nanomechanical analysis. <i>Acta Materialia</i> , 2017, 140, 443-451.	3.8	61
89	The Phase Competition and Stability of High-Entropy Alloys. <i>Jom</i> , 2014, 66, 1973-1983.	0.9	60
90	Strong work-hardening behavior in a Ti-based bulk metallic glass composite. <i>Scripta Materialia</i> , 2013, 69, 73-76.	2.6	59

#	ARTICLE	IF	CITATIONS
91	Nanoporous silver with tunable pore characteristics and superior surface enhanced Raman scattering. <i>Corrosion Science</i> , 2014, 84, 159-164.	3.0	58
92	Atomic structural evolution during glass formation of a Cu–Zr binary metallic glass. <i>Computational Materials Science</i> , 2014, 85, 147-153.	1.4	58
93	New intrinsic mechanism on gum-like superelasticity of multifunctional alloys. <i>Scientific Reports</i> , 2013, 3, 2156.	1.6	57
94	Ordered clusters and free volume in a Zr–Ni metallic glass. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	56
95	Ultrahigh stability and strong precipitation strengthening of nanosized NbC in alumina-forming austenitic stainless steels subjecting to long-term high-temperature exposure. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 738, 295-307.	2.6	56
96	Snoek-type damping performance in strong and ductile high-entropy alloys. <i>Science Advances</i> , 2020, 6, eaba7802.	4.7	56
97	Effects of atomic bonding nature and size mismatch on thermal stability and glass-forming ability of bulk metallic glasses. <i>Journal of Non-Crystalline Solids</i> , 2004, 341, 93-100.	1.5	53
98	Formation mechanism and characterization of nanoporous silver with tunable porosity and promising capacitive performance by chemical dealloying of glassy precursor. <i>Acta Materialia</i> , 2016, 105, 367-377.	3.8	52
99	Unraveling submicron-scale mechanical heterogeneity by three-dimensional X-ray microdiffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 483-488.	3.3	52
100	Binary eutectic clusters and glass formation in ideal glass-forming liquids. <i>Applied Physics Letters</i> , 2006, 89, 071910.	1.5	51
101	Glass-forming ability enhanced by proper additions of oxygen in a Fe-based bulk metallic glass. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	51
102	Substantially enhanced plasticity of bulk metallic glasses by densifying local atomic packing. <i>Nature Communications</i> , 2021, 12, 6582.	5.8	51
103	Effects of nanocrystal formation on the soft magnetic properties of Fe-based bulk metallic glasses. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	50
104	Designing Bulk Metallic Glass Composites with Enhanced Formability and Plasticity. <i>Journal of Materials Science and Technology</i> , 2014, 30, 566-575.	5.6	49
105	Deformation-induced spatiotemporal fluctuation, evolution and localization of strain fields in a bulk metallic glass. <i>International Journal of Plasticity</i> , 2015, 71, 136-145.	4.1	49
106	Structure origin of a transition of classic-to-avalanche nucleation in Zr-Cu-Al bulk metallic glasses. <i>Acta Materialia</i> , 2018, 149, 108-118.	3.8	49
107	Stacking Fault Driven Phase Transformation in CrCoNi Medium Entropy Alloy. <i>Nano Letters</i> , 2021, 21, 1419-1426.	4.5	47
108	Separation of glass transition and crystallization in metallic glasses by temperature-modulated differential scanning calorimetry. <i>Philosophical Magazine Letters</i> , 1998, 78, 213-220.	0.5	46

#	ARTICLE	IF	CITATIONS
109	Nearest-neighbor coordination and chemical ordering in multicomponent bulk metallic glasses. <i>Applied Physics Letters</i> , 2007, 90, 211908.	1.5	46
110	Plastic flow behaviour in an alumina-forming austenitic stainless steel at elevated temperatures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 594, 246-252.	2.6	46
111	Effects of scandium additions on mechanical properties of cellular Al-based foams. <i>Intermetallics</i> , 2012, 28, 71-76.	1.8	45
112	Reentrant glass transition leading to ultrastable metallic glass. <i>Materials Today</i> , 2020, 34, 66-77.	8.3	45
113	Oxygen effects on plastic deformation of a Zr-based bulk metallic glass. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	44
114	Atomic packing symmetry in the metallic liquid and glass states. <i>Acta Materialia</i> , 2011, 59, 6480-6488.	3.8	44
115	Microstructure and mechanical properties of FeCoNiCr high-entropy alloy strengthened by nano-Y ₂ O ₃ dispersion. <i>Science China Technological Sciences</i> , 2018, 61, 179-183.	2.0	44
116	Activation energy for plastic flow in nanocrystalline CoCrFeMnNi high-entropy alloy: A high temperature nanoindentation study. <i>Scripta Materialia</i> , 2018, 156, 129-133.	2.6	44
117	Unusual relation between glass-forming ability and thermal stability of high-entropy bulk metallic glasses. <i>Materials Research Letters</i> , 2018, 6, 495-500.	4.1	42
118	Interpretable machine-learning strategy for soft-magnetic property and thermal stability in Fe-based metallic glasses. <i>Npj Computational Materials</i> , 2020, 6, .	3.5	42
119	Effects of silicon additions on the oxide scale formation of an alumina-forming austenitic alloy. <i>Corrosion Science</i> , 2012, 65, 317-321.	3.0	40
120	Effects of Sn addition on phase formation and mechanical properties of TiCu-based bulk metallic glass composites. <i>Intermetallics</i> , 2013, 42, 68-76.	1.8	40
121	A general and transferable deep learning framework for predicting phase formation in materials. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	40
122	Bulk Glass Formation in an Fe-Based Fe-Y-Zr-M (M = Cr, Co, Al)-Mo-B System. <i>Journal of Materials Research</i> , 2004, 19, 921-929.	1.2	39
123	Tensile fracture characteristics and deformation behavior of a Zr-based bulk metallic glass at high temperatures. <i>Intermetallics</i> , 2005, 13, 642-648.	1.8	38
124	Glass formation and magnetic properties of Fe-C-Si-B-P (Cr-Al-Co) bulk metallic glasses fabricated using industrial raw materials. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2833-2837.	1.0	38
125	Effects of metalloid elements on the glass-forming ability of Fe-based alloys. <i>Journal of Alloys and Compounds</i> , 2009, 467, 187-190.	2.8	38
126	Nano-graining a particle-strengthened high-entropy alloy. <i>Scripta Materialia</i> , 2019, 163, 24-28.	2.6	38

#	ARTICLE	IF	CITATIONS
127	Specimen Size Effects on Zr-Based Bulk Metallic Glasses Investigated by Uniaxial Compression and Spherical Nanoindentation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2010, 41, 1735-1742.	1.1	37
128	Effects of drawing on the tensile fracture strength and its reliability of small-sized metallic glasses. <i>Acta Materialia</i> , 2010, 58, 2564-2576.	3.8	37
129	Nonlinear tensile deformation behavior of small-sized metallic glasses. <i>Scripta Materialia</i> , 2009, 61, 564-567.	2.6	36
130	Interpreting size effects of bulk metallic glasses based on a size-independent critical energy density. <i>Intermetallics</i> , 2010, 18, 157-160.	1.8	36
131	Compositional gradient films constructed by sputtering in a multicomponent Ti-Al-(Cr, Fe, Ni) system. <i>Journal of Materials Research</i> , 2018, 33, 3330-3338.	1.2	36
132	Effects of cooling rates on the mechanical properties of a Ti-based bulk metallic glass. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 394-398.	2.0	35
133	Hot corrosion behaviour and its mechanism of a new alumina-forming austenitic stainless steel in molten sodium sulphate. <i>Corrosion Science</i> , 2013, 77, 202-209.	3.0	35
134	Development of electrochemical supercapacitors with uniform nanoporous silver network. <i>Electrochimica Acta</i> , 2015, 182, 224-229.	2.6	35
135	Ultrastable metal oxide nanotube arrays achieved by entropy-stabilization engineering. <i>Scripta Materialia</i> , 2018, 146, 340-343.	2.6	35
136	Superconducting Ti ₁₅ Zr ₁₅ Nb ₃₅ Ta ₃₅ High-Entropy Alloy With Intermediate Electron-Phonon Coupling. <i>Frontiers in Materials</i> , 2018, 5, .	1.2	35
137	Effects of Mo additions on the glass-forming ability and magnetic properties of bulk amorphous Fe-C-Si-B-P-Mo alloys. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 430-434.	2.0	34
138	Strain hardening mediated by coherent nanoprecipitates in ultrahigh-strength steels. <i>Acta Materialia</i> , 2021, 213, 116984.	3.8	34
139	Synthesis of bulk glassy Fe-Co-Si-B-P-Ga alloys with high glass-forming ability and good soft-magnetic properties. <i>Intermetallics</i> , 2010, 18, 1821-1825.	1.8	33
140	Onset of yielding and shear band nucleation in an Au-based bulk metallic glass. <i>Scripta Materialia</i> , 2011, 65, 759-762.	2.6	33
141	Critical cooling rate and thermal stability of Fe-Co-Zr-Y-Cr-Mo-B amorphous alloy. <i>Journal of Alloys and Compounds</i> , 2006, 407, 125-128.	2.8	31
142	Enhancing glass-forming ability via frustration of nano-clustering in alloys with a high solvent content. <i>Scientific Reports</i> , 2013, 3, 1983.	1.6	31
143	<i>in-situ</i> study of crystallization kinetics in ternary bulk metallic glass alloys with different glass forming abilities. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	31
144	Influences of oxygen on plastic deformation of a Fe-based bulk metallic glass. <i>Scripta Materialia</i> , 2017, 135, 24-28.	2.6	31

#	ARTICLE	IF	CITATIONS
145	High-performance hybrid electrode decorated by well-aligned nanograss arrays for glucose sensing. <i>Biosensors and Bioelectronics</i> , 2018, 102, 288-295.	5.3	31
146	Superior radiation tolerance via reversible disordering–ordering transition of coherent superlattices. <i>Nature Materials</i> , 2023, 22, 442-449.	13.3	31
147	Compressive fracture characteristics of a Zr-based bulk metallic glass at high test temperatures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 398, 82-87.	2.6	30
148	Size effects on the compressive deformation behaviour of a brittle Fe-based bulk metallic glass. <i>Philosophical Magazine Letters</i> , 2010, 90, 403-412.	0.5	30
149	Effects of cooling rate on the atomic structure of Cu ₆₄ Zr ₃₆ binary metallic glass. <i>Computational Materials Science</i> , 2018, 141, 59-67.	1.4	30
150	Glass-forming ability and thermal stability of a new bulk metallic glass in the quaternary Zr–Cu–Ni–Al system. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 2519-2523.	1.5	29
151	Competitive formation of glasses and glass–matrix composites. <i>Intermetallics</i> , 2007, 15, 253-259.	1.8	29
152	A novel Ho ₃₆ Dy ₂₀ Al ₂₄ Co ₂₀ bulk metallic glass with large magnetocaloric effect. <i>Solid State Communications</i> , 2008, 146, 49-52.	0.9	29
153	High-energy X-ray diffuse scattering studies on deformation-induced spatially confined martensitic transformations in multifunctional Ti– ₂₄ Nb– ₄ Zr– ₈ Sn alloy. <i>Acta Materialia</i> , 2014, 81, 476-486.	3.8	29
154	Effect of Decomposition Kinetics of Titanium Hydride on the Al Alloy Melt Foaming Process. <i>Journal of Materials Science and Technology</i> , 2015, 31, 361-368.	5.6	29
155	Bendable nanoporous copper thin films with tunable thickness and pore features. <i>Corrosion Science</i> , 2016, 104, 227-235.	3.0	29
156	Thermodynamics of La based La–Al–Cu–Ni–Co alloys studied by temperature modulated DSC. <i>Intermetallics</i> , 2000, 8, 477-480.	1.8	27
157	Roles of Manganese in the High-temperature Oxidation Resistance of Alumina-forming Austenitic Steels at above 800 Å°C. <i>Oxidation of Metals</i> , 2012, 78, 349-362.	1.0	27
158	Flexible glassy grid structure for rapid degradation of azo dye. <i>Materials and Design</i> , 2018, 155, 346-351.	3.3	27
159	High-entropy carbide-nitrides with enhanced toughness and sinterability. <i>Science China Materials</i> , 2021, 64, 2037-2044.	3.5	27
160	Chemical short-range ordering and its strengthening effect in refractory high-entropy alloys. <i>Physical Review B</i> , 2021, 103, .	1.1	27
161	Glass Forming Ability of La-rich La-Al-Cu Ternary Alloys. <i>Materials Transactions</i> , 2001, 42, 551-555.	0.4	26
162	Micro-alloying Effects of Yttrium on Recrystallization Behavior of an Alumina-forming Austenitic Stainless Steel. <i>Journal of Iron and Steel Research International</i> , 2016, 23, 553-558.	1.4	26

#	ARTICLE	IF	CITATIONS
163	Enhancement of glass-forming ability and plasticity via alloying the elements having positive heat of mixing with Cu in Cu ₄₈ Zr ₄₈ Al ₄ bulk metallic glass. <i>Journal of Alloys and Compounds</i> , 2019, 777, 382-391.	2.8	26
164	Ti–Zr–Be ternary bulk metallic glasses correlated with binary eutectic clusters. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 6248-6250.	2.6	25
165	Beneficial effects of oxygen addition on glass formation in a high-entropy bulk metallic glass. <i>Intermetallics</i> , 2018, 99, 44-50.	1.8	25
166	Ordered nitrogen complexes overcoming strength–ductility trade-off in an additively manufactured high-entropy alloy. <i>Virtual and Physical Prototyping</i> , 2020, 15, 532-542.	5.3	25
167	Microstructural stability and aging behavior of refractory high entropy alloys at intermediate temperatures. <i>Journal of Materials Science and Technology</i> , 2022, 122, 243-254.	5.6	25
168	Designing novel bulk metallic glass composites with a high aluminum content. <i>Scientific Reports</i> , 2013, 3, 3353.	1.6	24
169	Effects of calcium on mechanical properties of cellular Al–Cu foams. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 618, 471-478.	2.6	24
170	Effect of residual stresses on the onset of yielding in a Zr-based metallic glass. <i>Acta Materialia</i> , 2011, 59, 7627-7633.	3.8	23
171	Inherent structure length in metallic glasses: simplicity behind complexity. <i>Scientific Reports</i> , 2015, 5, 12137.	1.6	23
172	Effects of Nb on deformation-induced transformation and mechanical properties of HfNb _x Ta _{0.2} TiZr high entropy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 805, 140798.	2.6	23
173	Glass transition and crystallization of Mg–Ni–Nd metallic glasses studied by temperature-modulated DSC. <i>Intermetallics</i> , 2004, 12, 869-874.	1.8	22
174	Self-supported NiCoP/nanoporous copper as highly active electrodes for hydrogen evolution reaction. <i>Scripta Materialia</i> , 2019, 173, 51-55.	2.6	22
175	Design of Hierarchical Porosity Via Manipulating Chemical and Microstructural Complexities in High-Entropy Alloys for Efficient Water Electrolysis. <i>Advanced Science</i> , 2022, 9, e2105808.	5.6	22
176	Estimation of the glass forming ability of the Fe-based bulk metallic glass Fe _{68.8} C _{7.0} Si _{3.5} B _{5.0} P _{9.6} Cr _{2.1} Mo _{2.0} Al _{2.0} that contains non-metallic inclusions. <i>Metals and Materials International</i> , 2009, 15, 7-14.	1.8	21
177	Relationship between composite structures and compressive properties in CuZr-based bulk metallic glass system. <i>Science Bulletin</i> , 2011, 56, 3960-3964.	1.7	21
178	Plasticity improvement in a bulk metallic glass composed of an open-cell Cu foam as the skeleton. <i>Composites Science and Technology</i> , 2013, 75, 49-54.	3.8	21
179	Fe-based bulk metallic glass composites without any metalloid elements. <i>Acta Materialia</i> , 2013, 61, 3214-3223.	3.8	21
180	Synthesis of well-aligned CuO nanowire array integrated with nanoporous CuO network for oxidative degradation of methylene blue. <i>Corrosion Science</i> , 2017, 126, 37-43.	3.0	21

#	ARTICLE	IF	CITATIONS
181	Formation mechanism and characterization of immiscible nanoporous binary Cu–Ag alloys with excellent surface-enhanced Raman scattering performance by chemical dealloying of glassy precursors. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1127-1139.	3.0	20
182	Enhancing dynamic mechanical properties of bulk metallic glass composites via deformation-induced martensitic transformation. <i>Scripta Materialia</i> , 2020, 186, 346-351.	2.6	20
183	Ni–Gd–Al metallic glasses with large magnetocaloric effect. <i>Intermetallics</i> , 2010, 18, 1132-1136.	1.8	19
184	Effects of non-hydrostaticity and grain size on the pressure-induced phase transition of the CoCrFeMnNi high-entropy alloy. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	19
185	Self-supporting nanoporous Ni/metallic glass composites with hierarchically porous structure for efficient hydrogen evolution reaction. <i>Journal of Materials Science and Technology</i> , 2021, 73, 145-150.	5.6	19
186	Formation, Crystallization Behavior, and Soft Magnetic Properties of FeCSiBP Bulk Metallic Glass Fabricated Using Industrial Raw Materials. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 2615-2619.	1.1	18
187	Nano-network mediated high strength and large plasticity in an Al-based alloy. <i>Materials Letters</i> , 2012, 84, 59-62.	1.3	18
188	Domain structure and lattice effects in a severely plastically deformed CoCrFeMnNi high entropy alloy. <i>Journal of Alloys and Compounds</i> , 2020, 812, 152028.	2.8	18
189	Nanoscale phase separation of TiZrNbTa high entropy alloy induced by hydrogen absorption. <i>Scripta Materialia</i> , 2020, 178, 503-507.	2.6	17
190	Glass forming ability of La–Al–Ni–Cu and Pd–Si–Cu bulk metallic glasses. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001, 304-306, 679-682.	2.6	16
191	Role of rare-earth elements in glass formation of Al–Ca–Ni amorphous alloys. <i>Journal of Alloys and Compounds</i> , 2012, 513, 387-392.	2.8	16
192	Alloying effects on mechanical properties of the Cu–Zr–Al bulk metallic glass composites. <i>Computational Materials Science</i> , 2013, 79, 187-192.	1.4	16
193	Polyamorphic transition in a transition metal based metallic glass under high pressure. <i>Physical Review B</i> , 2019, 99, .	1.1	15
194	Cellular structure and energy absorption of Al Cu alloy foams fabricated via a two-step foaming method. <i>Materials and Design</i> , 2020, 196, 109090.	3.3	15
195	Effects of nanosized precipitates on irradiation behavior of CoCrFeNi high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2021, 859, 158291.	2.8	15
196	Local chemical fluctuation mediated ultra-sluggish martensitic transformation in high-entropy intermetallics. <i>Materials Horizons</i> , 2022, 9, 804-814.	6.4	15
197	Composition effects on glass-forming ability and its indicator $\hat{\Gamma}^3$. <i>Intermetallics</i> , 2008, 16, 410-417.	1.8	14
198	Nanocrystallization in a Cu-doped Fe-based metallic glass. <i>Journal of Alloys and Compounds</i> , 2016, 688, 822-827.	2.8	14

#	ARTICLE	IF	CITATIONS
199	Effects of Nitrogen on the Glass Formation and Mechanical Properties of a Ti-Based Metallic Glass. <i>Acta Metallurgica Sinica (English Letters)</i> , 2016, 29, 173-180.	1.5	14
200	Compositional and microstructural optimization and mechanical-property enhancement of cast Ti alloys based on Ti-6Al-4V alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 704, 91-101.	2.6	14
201	Highly collective atomic transport mechanism in high-entropy glass-forming metallic liquids. <i>Journal of Materials Science and Technology</i> , 2019, 35, 44-47.	5.6	14
202	Simultaneously enhancing the strength and plasticity of Ti-based bulk metallic glass composites via microalloying with Ta. <i>Materials Research Letters</i> , 2020, 8, 23-30.	4.1	14
203	Melting and solidification of Pb nanoparticles embedded in an Al matrix as studied by temperature-modulated differential scanning calorimetry. <i>Philosophical Magazine Letters</i> , 1998, 78, 37-44.	0.5	13
204	Propensity of bond exchange as a window into the mechanical properties of metallic glasses. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	13
205	Mold-Filling Ability of Aluminum Alloy Melt during the Two-Step Foaming Process. <i>Journal of Materials Science and Technology</i> , 2016, 32, 509-514.	5.6	13
206	A strategy to design eutectic high-entropy alloys based on binary eutectics. <i>Journal of Materials Science and Technology</i> , 2022, 103, 152-156.	5.6	13
207	Easy glass formation in La ₅₅ Ni ₂₀ Al ₂₅ by Bridgman solidification. <i>Materials Letters</i> , 1998, 34, 318-321.	1.3	12
208	A quantitative link between microplastic instability and macroscopic deformation behaviors in metallic glasses. <i>Journal of Applied Physics</i> , 2009, 106, 083512.	1.1	12
209	Continuously manufacturing of bulk metallic glass-coated wire composite. <i>Intermetallics</i> , 2010, 18, 2034-2038.	1.8	12
210	Static atomic-scale structural heterogeneity and its effects on glass formation and dynamics of metallic glasses. <i>Intermetallics</i> , 2018, 101, 133-143.	1.8	12
211	Magnetocaloric effect in Er-Al-Co bulk metallic glasses. <i>Science Bulletin</i> , 2011, 56, 3978-3983.	1.7	11
212	Delayed plasticity during nanoindentation of single-phase CoCrFeMnNi high-entropy alloy. <i>Materials Research Letters</i> , 2017, 5, 300-305.	4.1	11
213	The Effects of Metalloid Elements on the Nanocrystallization Behavior and Soft Magnetic Properties of FeCBSiPCu Amorphous Alloys. <i>Metals</i> , 2018, 8, 283.	1.0	11
214	Effects of Al and Ti Additions on Irradiation Behavior of FeMnNiCr Multi-Principal-Element Alloy. <i>Jom</i> , 2020, 72, 150-159.	0.9	11
215	Effects of Ni and Al on precipitation behavior and mechanical properties of precipitation-hardened CoCrFeNi high-entropy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 839, 142879.	2.6	11
216	Direct observation of a concealed glass transition in a Mg ¹⁰⁰ Ni ¹⁰⁰ Nd metallic glass. <i>Applied Physics Letters</i> , 2003, 82, 862-864.	1.5	10

#	ARTICLE	IF	CITATIONS
217	In-situ visualizing atomic structural evolution during crystallization in ternary Zr Cu Al bulk metallic glasses. <i>Intermetallics</i> , 2019, 105, 173-178.	1.8	10
218	Effects of stacking fault energy on the deformation behavior of CoNiCrFeMn high-entropy alloys: A molecular dynamics study. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	10
219	Prediction of Ti-Zr-Nb-Ta high-entropy alloys with desirable hardness by combining machine learning and experimental data. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	10
220	Evolution of atomic ordering in metallic glasses. <i>Intermetallics</i> , 2010, 18, 2333-2337.	1.8	9
221	Mechanical heterogeneity and its relation with glass-forming ability in Zr-Cu and Zr-Cu-Al metallic glasses. <i>Intermetallics</i> , 2017, 90, 159-163.	1.8	9
222	Work-hardenable Zr-based bulk metallic glass composites reinforced with ex-situ TiNi fibers. <i>Journal of Alloys and Compounds</i> , 2019, 806, 1497-1508.	2.8	9
223	Elucidating the nature of crystallization kinetics in Zr ₄₆ Cu ₄₆ Al ₈ metallic glass through simultaneous WAXS/SAXS measurements. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	9
224	Study of glass transition of metallic glasses by temperature-modulated differential scanning calorimetry (MDSC). <i>Thermochimica Acta</i> , 2000, 357-358, 65-69.	1.2	8
225	An electronic criterion for assessing intrinsic brittleness of metallic glasses. <i>Journal of Chemical Physics</i> , 2014, 141, 024503.	1.2	8
226	Ion Irradiation-Enhanced Raman Scattering on Nanoporous Copper. <i>Langmuir</i> , 2018, 34, 13041-13046.	1.6	8
227	Enhanced plastic deformation capacity in hexagonal-close-packed medium entropy alloys via facilitating cross slip. <i>Journal of Materials Science and Technology</i> , 2023, 134, 1-10.	5.6	8
228	A Scheme to Design Multi-Component Bulk Metallic Glasses in I_{ideal} Glass-Forming Liquids. <i>Materials Transactions</i> , 2007, 48, 2476-2482.	0.4	7
229	In-situ neutron scattering study of crystallization in a Zr-based bulk metallic glass. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 537-542.	1.1	7
230	Effects of Cooling Rates on Glass Formation and Magnetic Behavior for the Fe _{73.0} Cu _{7.0} Si _{3.3} B _{5.0} P _{8.7} Mo _{3.0} Bulk Metallic Glass. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 2004-2009.	1.1	7
231	Enhanced Corrosion Resistance of an Alumina-forming Austenitic Steel Against Molten Al. <i>Oxidation of Metals</i> , 2020, 94, 465-475.	1.0	7
232	Influences of Au ion radiation on microstructure and surface-enhanced Raman scattering of nanoporous copper. <i>Nanotechnology</i> , 2018, 29, 184001.	1.3	6
233	Local structural mechanism for frozen-in dynamics in metallic glasses. <i>Physical Review B</i> , 2018, 97, .	1.1	6
234	Effects of Al addition on atomic structure of Cu-Zr metallic glass. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	6

#	ARTICLE	IF	CITATIONS
235	Elastic modulus change and its relation with glass-forming ability and plasticity in bulk metallic glasses. <i>Scripta Materialia</i> , 2019, 161, 62-65.	2.6	6
236	New insight into fabrication of shaped Mg ⁺ X alloy foams with cellular structure via a gas release reaction powder metallurgy route. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 125-132.	1.4	6
237	Minor additions of Sn in a bulk glass-forming Fe-based system. <i>Journal of Materials Research</i> , 2006, 21, 3180-3186.	1.2	5
238	Alloying effects of iridium on glass formation and glass-forming ability of the Zr ⁺ Cu ⁺ Al system. <i>Journal of Materials Research</i> , 2009, 24, 1619-1623.	1.2	5
239	The role of local-geometrical-orders on the growth of dynamic-length-scales in glass-forming liquids. <i>Scientific Reports</i> , 2018, 8, 2025.	1.6	5
240	Evaluation Of Glass-Forming Ability. , 2008, , 87-115.		5
241	Corrosion and irradiation behavior of Fe-based amorphous coating in lead-bismuth eutectic liquids. <i>Science China Technological Sciences</i> , 2022, 65, 440-449.	2.0	5
242	Combustion behavior and mechanism of Cu ₄₆ Zr ₄₆ Al ₈ bulk metallic glass in oxygen-enriched environments. <i>Corrosion Science</i> , 2022, 204, 110415.	3.0	5
243	Alloying effects of the elements with a positive heat of mixing on the glass forming ability of Al-La-Ni amorphous alloys. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 122-127.	2.0	4
244	Eight in one: high-entropy-alloy nanoparticles synthesized by carbothermal shock. <i>Science Bulletin</i> , 2018, 63, 737-738.	4.3	4
245	Unravel unusual hardening behavior of a Pd ⁺ Ni ⁺ P metallic glass in its supercooled liquid region. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	4
246	Research progress on high-entropy bulk metallic glasses. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2020, 50, 067003.	0.2	4
247	Glass formation in La-based La ₅₅ Al ₂₅ (NiCu) ₂₀ alloys by Bridgman solidification. <i>Journal of Non-Crystalline Solids</i> , 1999, 250-252, 601-604.	1.5	3
248	Glass transition of rare-earth based metallic glasses: temperature modulated differential scanning calorimetry. <i>Journal of Non-Crystalline Solids</i> , 1999, 250-252, 689-693.	1.5	3
249	Coating thickness control in continuously fabricating metallic glass-coated composite wires. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013, 20, 456-461.	2.4	3
250	Observation of distinct atomic relaxation process in a phase-separated metallic glass-forming melt. <i>Europhysics Letters</i> , 2014, 108, 46001.	0.7	3
251	Enhanced crystallization resistance and thermal stability via suppressing the metastable superlattice phase in Ni-(Pd)-P metallic glasses. <i>Journal of Materials Science and Technology</i> , 2020, 42, 203-211.	5.6	3
252	Comments on "Fabrication of ternary Mg ⁺ Cu ⁺ Gd bulk metallic glass with high glass-forming ability under air atmosphere" [H. Men and D.H. Kim, <i>J. Mater. Res.</i> 18, 1502 (2003)]. <i>Journal of Materials Research</i> , 2004, 19, 427-428.	1.2	2

#	ARTICLE	IF	CITATIONS
253	Easy Glass Formation in La- and Pd-Based Alloys by Bridgman Solidification. <i>Materials Science Forum</i> , 1999, 312-314, 247-252.	0.3	1
254	A new many-body potential with the second-moment approximation of tight-binding scheme for Hafnium. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 2071-2080.	2.0	1
255	Effects of density difference of constituent elements on glass formation in TiCu-based bulk metallic glasses. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 469-474.	1.8	1
256	Suppression of crystallization in a Ca-based bulk metallic glass by compression. <i>Journal of Alloys and Compounds</i> , 2018, 765, 595-600.	2.8	1
257	Revealing the role of local shear strain partition of transformable particles in a TRIP-reinforced bulk metallic glass composite via digital image correlation. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022, 29, 807-813.	2.4	1
258	Significant Undercooled Liquid Region of Over 200K in Rare Earth Based Metallic Glasses. <i>Materials Research Society Symposia Proceedings</i> , 1998, 554, 205.	0.1	0
259	Glass Formation and Glass Forming Ability of $\text{La}_{86-x}\text{Al}_{14}\text{Cu}_x$ ($x=10-36$) Alloys. <i>Materials Science Forum</i> , 2001, 360-362, 7-12.	0.3	0
260	On The Glass Forming Ability Criteria Of Bulk Metallic Glasses. <i>Materials Research Society Symposia Proceedings</i> , 2002, 754, 1.	0.1	0
261	Ultra-strong magnesium alloy with novel nanostructures. <i>Science China Technological Sciences</i> , 2017, 60, 1769-1770.	2.0	0
262	Magnetic structure of ternary rare-earth alloy $\text{Ho}_{1/3}\text{Tb}_{1/3}\text{Er}_{1/3}$. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 469, 315-322.	1.0	0
263	Reply to comments on "Structure origin of a transition of classic-to-avalanche nucleation in Zr-Cu-Al bulk metallic glasses, <i>Acta Materialia</i> , 149, 108 (2018)". <i>Scripta Materialia</i> , 2019, 163, 168-169.	2.6	0