Xiao-Dong Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

153 papers	3,887 citations	126907 33 h-index	155660 55 g-index
154 all docs	154 docs citations	154 times ranked	2491 citing authors

#	Article	IF	Citations
1	Liquid helium temperature deformation and local atomic structure of CoNiV medium entropy alloy. Materials Today Communications, 2022, 30, 103141.	1.9	4
2	Tuning mechanical properties of high entropy alloys by electro-pulsing method. Journal of Alloys and Compounds, 2022, 902, 163684.	5.5	1
3	Correlation Between Viscosity and Local Atomic Structure in Liquid Zr56Co28Al16 Alloy. Microgravity Science and Technology, 2022, 34, 1.	1.4	2
4	Short-range order controlling atomic dynamics in Y-based metallic glasses. Physical Review B, 2022, 105, .	3.2	3
5	Ultrahigh specific hardness of Co-Ni-V-Al medium entropy alloy thin films. Materials Today Communications, 2022, 31, 103447.	1.9	0
6	3D porous PTFE membrane filled with PEO-based electrolyte for all solid-state lithiumâ€“sulfur batteries. Rare Metals, 2022, 41, 2834-2843.	7.1	20
7	PVdF-HFP-Based Gel Polymer Electrolyte with Semi-Interpenetrating Networks For Dendrite-Free Lithium Metal Battery. Acta Metallurgica Sinica (English Letters), 2021, 34, 417-424.	2.9	9
8	Microstructure and properties of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:mi mathvariant="normal">o</mml:mi></mml:mrow></mml:math>-free <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:mrow><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>50</mml:mn></mml:msub><mml:mi mathvariant="normal"	5.5	35
9	Solid-solid phase transition via the liquid in a Pd43Cu27Ni10P20 bulk metallic glass under conventional conditions. Journal of Alloys and Compounds, 2021, 859, 157802.	5.5	5
10	Î²-Relaxation and Crystallization Behaviors in a Pulse-Current-Thermoplastic-Formed La-Based Bulk Metallic Glass. Journal of Physical Chemistry B, 2021, 125, 657-664.	2.6	5
11	Carbonâ€based flexible selfâ€supporting cathode for lithiumâ€sulfur batteries: Progress and perspective. , 2021, 3, 271-302.		77
12	Temperature-Induced Structural Changes in the Liquid GaInSn Eutectic Alloy. Journal of Physical Chemistry C, 2021, 125, 7413-7420.	3.1	8
13	Origin of different thermal cycling effects in Fe80P20 and Ni60Nb40 metallic glasses. Materials Today Physics, 2021, 17, 100349.	6.0	5
14	Anomalous fast atomic dynamics in bulk metallic glasses. Materials Today Physics, 2021, 17, 100351.	6.0	4
15	Local atomic structures of Gd and Zn atoms in extruded Mg-Gd-Zn alloys. Scripta Materialia, 2021, 195, 113720.	5.2	9
16	Production of Uniformly Sized Gallium-Based Liquid Alloy Nanodroplets via Ultrasonic Method and Their Li-Ion Storage. Materials, 2021, 14, 1759.	2.9	9
17	Fabrication and optical behavior of AuCuSi amorphous alloy film. Nanotechnology, 2021, 32, 335702.	2.6	2
18	A Novel Technique for Large-Scale Fabrication of 3D Colloidal Crystals: Suspending Self-Assembly in Water Medium (SSAM). Crystal Growth and Design, 2021, 21, 4201-4206.	3.0	1

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19	Synthesis and properties optimization of high-performance nanostructured metallic glass thin films. Materials Today Nano, 2021, 14, 100114.	4.6	4
20	Anisotropic and size-dependent mechanical responses of free-standing Ni-Nb metallic glass thin film. Scripta Materialia, 2021, 198, 113832.	5.2	4
21	Structural rejuvenation in a Zr-based bulk metallic glass via electropulsing treatment. Applied Physics Letters, 2021, 119, .	3.3	5
22	Tuning nanostructure and mechanical property of Feâ€“Coâ€“Niâ€“Crâ€“Mn high-entropy alloy thin films by substrate temperature. Materials Today Nano, 2021, 15, 100130.	4.6	4
23	A dual-phase alloy with ultrahigh strength-ductility synergy over a wide temperature range. Science Advances, 2021, 7, .	10.3	61
24	A Self-Healing Anode for Li-Ion Batteries by Rational Interface Modification of Room-Temperature Liquid Metal. ACS Applied Energy Materials, 2021, 4, 12224-12231.	5.1	18
25	Ultra-strong nanostructured Co-Ni-V medium entropy alloy thin film designed by interface strengthening. Thin Solid Films, 2021, 734, 138866.	1.8	13
26	Tuning microstructure and enhancing mechanical properties of Co-Ni-V-Al medium entropy alloy thin films via deposition power. Journal of Alloys and Compounds, 2021, 875, 160003.	5.5	23
27	Fluence-dependent microstructure and nanomechanical property in Co-Ni-V medium entropy alloy thin films. Scripta Materialia, 2021, 203, 114050.	5.2	7
28	Unravelling the origin of in-cage vibrations in a La50Al15Ni35 metallic glass. Materials Today Physics, 2021, 21, 100515.	6.0	4
29	Shape memory effect in metallic glasses. Matter, 2021, 4, 3327-3338.	10.0	3
30	The relationship between viscosity and local structure in liquid zirconium via electromagnetic levitation and molecular dynamics simulations. Journal of Molecular Liquids, 2020, 298, 111992.	4.9	18
31	Tracing intermediate phases duringÂcrystallization in a Niâ€“Zr metallic glass. Acta Materialia, 2020, 186, 396-404.	7.9	8
32	Unraveling the origin of stress-dependent glass transition temperature in metallic glasses. Journal of the Mechanics and Physics of Solids, 2020, 137, 103853.	4.8	5
33	Atomic dynamics transition in a Cu-Zr-Al metallic glass. Scripta Materialia, 2020, 186, 268-271.	5.2	3
34	Different Thermal Responses of Local Structures in Pd43Cu27Ni10P20 Alloy from Glass to Liquid. Journal of Physical Chemistry C, 2020, 124, 19817-19828.	3.1	5
35	Contribution of cryogenic thermal cycling to the atomic dynamics in a La-based bulk metallic glass with different initial states. Journal of Applied Physics, 2020, 127, .	2.5	4
36	Phase Selection, Lattice Distortions, and Mechanical Properties in Highâ€Entropy Alloys. Advanced Engineering Materials, 2020, 22, 2000466.	3.5	59

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37	Tailoring nanostructured Ni-Nb metallic glassy thin films by substrate temperature. Acta Materialia, 2020, 194, 13-26.	7.9	28
38	Aging Behaviors in a La-Based Metallic Glass Revealed by Two-Time Correlation Functions. Journal of Physical Chemistry C, 2020, 124, 22753-22760.	3.1	2
39	Temperature-induced structural evolution in liquid Ag-Ga alloys. Physical Review B, 2020, 102, .	3.2	1
40	Structural evolution in liquid GaIn eutectic alloy under high temperature and pressure. Journal of Applied Physics, 2019, 126, .	2.5	6
41	Structural evolution of low-temperature liquid GaIn eutectic alloy. Journal of Molecular Liquids, 2019, 293, 111464.	4.9	7
42	Correlation of viscosity with atomic packing in Cu50Zr50 melt. Journal of Molecular Liquids, 2019, 293, 111544.	4.9	10
43	Temperature Dependences of Peak Positions in Pair Distribution Function of Metallic Liquids. Journal of Physical Chemistry B, 2019, 123, 7055-7060.	2.6	7
44	Powerâ€“Law Feature of Structure in Metallic Glasses. Journal of Physical Chemistry C, 2019, 123, 27868-27874.	3.1	4
45	Temperature- and Pressure-Induced Polyamorphic Transitions in AuCuSi Alloy. Journal of Physical Chemistry C, 2019, 123, 20342-20350.	3.1	8
46	Broadband Optical Absorber Based on Nanopatterned Metallic Glass Thin Films. Journal of Physical Chemistry Letters, 2019, 10, 6055-6060.	4.6	3
47	Temperature-Dependent Structural Evolution in Au₄₄Ga₅₆ Liquid Eutectic Alloy. Journal of Physical Chemistry C, 2019, 123, 25209-25219.	3.1	10
48	Thickness dependent electrical resistivity in amorphous Mg-Zn-Ca thin films. Thin Solid Films, 2019, 672, 182-185.	1.8	2
49	Identifying surface structural changes in a newly-developed Ga-based alloy with melting temperature below 10â€Â°C. Applied Surface Science, 2019, 492, 143-149.	6.1	21
50	In-situ TEM study of oxygen-modulated crystallization pathway in Ni-Zr metallic glass. Journal of Alloys and Compounds, 2019, 800, 254-260.	5.5	4
51	Nanometer-scale phase separation in Al60Ge30Mn10 amorphous alloy. Journal of Alloys and Compounds, 2019, 802, 166-172.	5.5	3
52	Improved Tensile Ductility by Severe Plastic Deformation for Nano-Structured Metallic Glass. Materials, 2019, 12, 1611.	2.9	6
53	Intermediate structural state for maximizing the rejuvenation effect in metallic glass via thermo-cycling treatment. Journal of Alloys and Compounds, 2019, 795, 493-500.	5.5	34
54	Substrate temperature effect on growth behavior and microstructure-properties relationship in amorphous Ni Nb thin films. Journal of Non-Crystalline Solids, 2019, 510, 112-120.	3.1	14

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55	The effect of thickness and annealing treatment on microstructure and magnetic properties of amorphous Fe-Si-B-P-C thin films. Journal of Non-Crystalline Solids, 2019, 505, 52-61.	3.1	10
56	Temperature-induced structural evolution in liquid Sn85Zn15 eutectic alloy. Scripta Materialia, 2018, 148, 68-72.	5.2	11
57	Thickness dependent structural evolution in Mg-Zn-Ca thin film metallic glasses. Journal of Alloys and Compounds, 2018, 742, 524-535.	5.5	19
58	Glass forming ability and bending plasticity evolutions in Zr-Co-Al bulk metallic glasses and their structural origin. Journal of Non-Crystalline Solids, 2018, 488, 52-62.	3.1	14
59	Anomalous deformation mode transition in amorphous Mg-Zn-Ca thin films. Scripta Materialia, 2018, 149, 139-143.	5.2	7
60	Structural connection between gallium crystals and near-T liquids under ambient pressure. Scripta Materialia, 2018, 143, 86-89.	5.2	4
61	Temperature dependent structural evolution in liquid Ag₅₀Ga₅₀ alloy. Journal of Physics Condensed Matter, 2018, 30, 015402.	1.8	6
62	Pressure-induced structural change and nucleation in liquid aluminum. Journal of Applied Physics, 2018, 124, 225903.	2.5	2
63	Surface compressive and softening effect on deformation mode transition in Ni-Nb metallic glassy thin films: A molecular dynamics study. Journal of Applied Physics, 2018, 124, 205304.	2.5	1
64	Structure and dynamical properties of liquid Ni64Zr36 and Ni65Hf35 alloys: an ab initio molecular dynamics study. Journal of Physics Condensed Matter, 2018, 30, 365401.	1.8	2
65	Structural Signature of Î²-Relaxation in La-Based Metallic Glasses. Journal of Physical Chemistry Letters, 2018, 9, 4308-4313.	4.6	20
66	Temperature-dependent structure evolution in liquid gallium. Acta Materialia, 2017, 128, 304-312.	7.9	57
67	Structural evolution and dynamical properties of Al2Ag and Al2Cu liquids studied by experiments and ab initio molecular dynamics simulations. Journal of Non-Crystalline Solids, 2017, 459, 160-168.	3.1	11
68	Relationship of deformation mode with strain-dependent shear transformation zone size in Cu-Zr metallic glasses using molecular dynamics simulations. Journal of Non-Crystalline Solids, 2017, 469, 45-50.	3.1	9
69	Co content effect on elastic strain limit in ZrCuNiAlCo bulk metallic glasses. Scripta Materialia, 2017, 137, 94-99.	5.2	15
70	Pressure-induced structural change in liquid GaIn eutectic alloy. Scientific Reports, 2017, 7, 1139.	3.3	17
71	Structural evolution and atomic dynamics in Niâ€“Nb metallic glasses: A molecular dynamics study. Journal of Chemical Physics, 2017, 147, 144503.	3.0	18
72	Perspective on Structural Evolution and Relations with Thermophysical Properties of Metallic Liquids. Advanced Materials, 2017, 29, 1703136.	21.0	11

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73	Structural evolution in liquid calcium under pressure. Journal of Non-Crystalline Solids, 2017, 472, 25-30.	3.1	3
74	Liquid-to-liquid crossover in the GaIn eutectic alloy. Physical Review B, 2017, 95, .	3.2	21
75	Composition dependent relaxation in La-Al-Ni/Cu metallic glasses. Journal of Alloys and Compounds, 2017, 726, 1024-1029.	5.5	5
76	Structural signature in Au-based amorphous alloys. Acta Materialia, 2017, 140, 31-38.	7.9	7
77	Size effect on atomic structure in low-dimensional Cu-Zr amorphous systems. Scientific Reports, 2017, 7, 7291.	3.3	11
78	Structural stability of high entropy alloys under pressure and temperature. Journal of Applied Physics, 2017, 121, .	2.5	44
79	Composition- and temperature-dependent liquid structures in Alâ€“Cu alloys: anab initiomolecular dynamics and x-ray diffraction study. Journal of Physics Condensed Matter, 2017, 29, 035101.	1.8	13
80	Correlation Between Local Structure and Boson Peak in Metallic Glasses. Journal of Low Temperature Physics, 2017, 186, 172-181.	1.4	6
81	Non-localized deformation in Cu Zr multi-layer amorphous films under tension. Journal of Alloys and Compounds, 2016, 678, 410-420.	5.5	35
82	Structure alterations in Al-Y-based metallic glasses with La and Ni addition. Journal of Applied Physics, 2016, 119, .	2.5	8
83	Breakdown of intermediate range order in AsSe chalcogenide glass. Journal of Applied Physics, 2016, 120, 145901.	2.5	6
84	Reversible devitrification in amorphous As2Se3 under pressure. Physical Review B, 2016, 94, .	3.2	4
85	Deformation behavior of metallic glasses with shear band like atomic structure: a molecular dynamics study. Scientific Reports, 2016, 6, 30935.	3.3	33
86	On the critical thickness for non-localized to localized plastic flow transition in metallic glasses: A molecular dynamics study. Scripta Materialia, 2016, 114, 93-97.	5.2	48
87	Atomic packing in Fe-based metallic glasses. Acta Materialia, 2016, 102, 116-124.	7.9	76
88	Properties of Tunability and Stored Energy Density in the Ferroelectric Multilayers. Ferroelectrics, 2015, 488, 112-118.	0.6	0
89	Effects of substrate temperature on structure, thermal stability and mechanical property of a Zr-based metallic glass thin film. Thin Solid Films, 2015, 595, 17-24.	1.8	19
90	Enhanced plasticity in Zrâ€“Cuâ€“Agâ€“Alâ€“Be bulk metallic glasses. Journal of Non-Crystalline Solids, 2015, 412, 35-44.	3.1	17

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91	Evolution of atomic structure in Al₇₅Cu₂₅liquid from experimental andab initiomolecular dynamics simulation studies. Journal of Physics Condensed Matter, 2015, 27, 035102.	1.8	10
92	Atomic picture of elastic deformation in a metallic glass. Scientific Reports, 2015, 5, 9184.	3.3	22
93	The size-dependent non-localized deformation in a metallic alloy. Scripta Materialia, 2015, 101, 48-51.	5.2	50
94	Structural and dynamical properties of liquid Ag74Ge26 alloy studied by experiments and ab initio molecular dynamics simulation. Acta Materialia, 2015, 92, 109-116.	7.9	31
95	Phase selection during solidification of liquid magnesium viaab initiomolecular dynamics simulations. Journal of Applied Physics, 2015, 117, 114905.	2.5	12
96	Role of string-like collective atomic motion on diffusion and structural relaxation in glass forming Cu-Zr alloys. Journal of Chemical Physics, 2015, 142, 164506.	3.0	97
97	Free-volume dependent atomic dynamics in beta relaxation pronounced La-based metallic glasses. Acta Materialia, 2015, 99, 290-296.	7.9	39
98	Modification of eutectic Si in Alâ€“Si alloys with Eu addition. Acta Materialia, 2015, 84, 153-163.	7.9	166
99	Thermal behaviors of liquid La-based bulk metallic glasses. Journal of Applied Physics, 2014, 116, .	2.5	4
100	Effects of spin orbital coupling on atomic and electronic structures in Al2Cu and Al2Au crystal and liquid phases via ab initio molecular dynamics simulations. Journal of Alloys and Compounds, 2014, 613, 55-61.	5.5	7
101	Evolution of local atomic structure during solidification of Al2Au liquid: An ab initio study. Acta Materialia, 2014, 68, 1-8.	7.9	34
102	The crystallization process of liquid vanadium studied byab initiomolecular dynamics. Journal of Physics Condensed Matter, 2014, 26, 155101.	1.8	12
103	The influence of glass transition temperature on the critical size for deformation mode transition in metallic glassy films. Scripta Materialia, 2014, 77, 64-67.	5.2	17
104	Atomic structure evolution during solidification of liquid niobium fromab initiomolecular dynamics simulations. Journal of Physics Condensed Matter, 2014, 26, 055004.	1.8	16
105	Temperature dependence of electronic transport property in ferroelectric polymer films. Applied Surface Science, 2014, 316, 497-500.	6.1	7
106	Non-localized deformation in metallic alloys with amorphous structure. Acta Materialia, 2014, 68, 32-41.	7.9	62
107	Nucleation driven by orientational order in supercooled niobium as seen viaab initiomolecular dynamics. Physical Review B, 2014, 89, .	3.2	23
108	Atomic structure of Pd81Si19 glassy alloy under high pressure. Acta Materialia, 2014, 81, 420-427.	7.9	33

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109	Synthesis and magnetic properties of amorphous Feâ€“Yâ€“B thin films. Journal of Alloys and Compounds, 2014, 606, 196-203.	5.5	7
110	Annealing effect on beta-relaxation in a La-based bulk metallic glass. Journal of Non-Crystalline Solids, 2014, 383, 97-101.	3.1	14
111	Interfacial Free Energy Controlling Glass-Forming Ability of Cu-Zr Alloys. Scientific Reports, 2014, 4, 5167.	3.3	33
112	Decoupling of pronounced beta and alpha relaxations and related mechanical property change. Journal of Alloys and Compounds, 2013, 577, 257-260.	5.5	18
113	A heterostructured Ag@In2S3 composite with enhanced lithium storage capacity. Journal of Materials Chemistry A, 2013, 1, 5208.	10.3	13
114	Structural evolution in bulk metallic glass under high-temperature tension. Applied Physics Letters, 2013, 102, 051909.	3.3	5
115	Pressure-induced amorphous-to-amorphous reversible transformation in Pr75Al25. Journal of Applied Physics, 2013, 114, 213516.	2.5	14
116	Negative expansions of interatomic distances in metallic melts. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10068-10072.	7.1	115
117	Super elastic strain limit in metallic glass films. Scientific Reports, 2012, 2, 852.	3.3	68
118	Electro-optical characteristics for AlGaN solar-blind p-i-n photodiode: Experiment and simulation. , 2012, , .		2
119	Pressure-induced amorphous-to-amorphous configuration change in Ca-Al metallic glasses. Scientific Reports, 2012, 2, 376.	3.3	47
120	Cuï£¿Zrï£¿Alï£¿Ti Bulk Metallic Glass with Enhanced Glassâ€Forming Ability, Mechanical Properties, Corrosion Resistance and Biocompatibility. Advanced Engineering Materials, 2012, 14, 195-199.	3.5	11
121	Effect of structural relaxation on plastic flow in a Niâ€“Nb metallic glassy film. Acta Materialia, 2012, 60, 3667-3676.	7.9	34
122	The pitting corrosion behavior of shear bands in a Zr-based bulk metallic glass. Scripta Materialia, 2012, 67, 376-379.	5.2	26
123	Electro-optical characteristics of separate absorption and multiplication GaN avalanche photodiode. , 2011, , .		1
124	The effect of oxidation on the corrosion resistance and mechanical properties of a Zr-based metallic glass. Corrosion Science, 2011, 53, 3557-3565.	6.6	42
125	Atomic-level structural modifications induced by severe plastic shear deformation in bulk metallic glasses. Scripta Materialia, 2011, 64, 81-84.	5.2	95
126	Photoresponse study of visible blind GaN/AlGaN p-i-n ultraviolet photodetector. Optical and Quantum Electronics, 2011, 42, 755-764.	3.3	36

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127	A plastic Zrâ€“Cuâ€“Agâ€“Al bulk metallic glass. Acta Materialia, 2011, 59, 1037-1047.	7.9	55
128	Heterogeneities in CuZr-based bulk metallic glasses studied by x-ray scattering. Journal of Physics Condensed Matter, 2011, 23, 075402.	1.8	15
129	Thermal expansion of a La-based bulk metallic glass: insight fromin situhigh-energy x-ray diffraction. Journal of Physics Condensed Matter, 2011, 23, 254204.	1.8	32
130	Atomic packing in Mg61Cu28Gd11 bulk metallic glass. Applied Physics Letters, 2011, 98, 031901.	3.3	9
131	73 mm-diameter bulk metallic glass rod by copper mould casting. Applied Physics Letters, 2011, 99, .	3.3	84
132	Structures at Glassy, Supercooled Liquid, and Liquid States in La-Based Bulk Metallic Glasses. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2010, 41, 1634-1639.	2.2	17
133	Tensile behavior of orthorhombic Î±â€³-titanium alloy studied by in situ X-ray diffraction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 6596-6600.	5.6	19
134	Effect of pre-existing shear bands on the tensile mechanical properties of a bulk metallic glass. Acta Materialia, 2010, 58, 1276-1292.	7.9	117
135	Shear band evolution and hardness change in cold-rolled bulk metallic glasses. Acta Materialia, 2010, 58, 4827-4840.	7.9	95
136	Low-density to high-density transition in Ce₇₅Al₂₃Si₂metallic glass. Journal of Physics Condensed Matter, 2010, 22, 375404.	1.8	29
137	Homogeneity of the superplastic Zr_{64.13}Cu_{15.75}Ni_{10.12}Al₁₀ bulk metallic glass. Journal of Materials Research, 2009, 24, 3116-3120.	2.6	11
138	Are there two glass transitions in Feâ€“Mâ€“Yâ€“B (M = Mo, W, Nb) bulk metallic glasses?. Scripta Materialia, 2009, 60, 152-155.	5.2	39
139	Mechanical properties of monolithic Zr62Al8Ni13Cu17 bulk metallic glass. Journal of Alloys and Compounds, 2009, 483, 132-135.	5.5	6
140	Origin of high glass forming ability of Y-containing FeB-based alloys. Journal of Alloys and Compounds, 2009, 485, L35-L38.	5.5	15
141	Local strain behavior of bulk metallic glasses under tension studied by in situ x-ray diffraction. Applied Physics Letters, 2009, 94, 011911.	3.3	24
142	Dark current simulation of InP/In0.53Ga0.47As/InP p-i-n photodiode. Optical and Quantum Electronics, 2008, 40, 1261-1266.	3.3	29
143	Zrâ€“(Cu,Ag)â€“Al bulk metallic glasses. Acta Materialia, 2008, 56, 1785-1796.	7.9	239
144	Formation of bulk metallic glasses in the Feâ€“Mâ€“Yâ€“B (M = transition metal) system. Journal of Alloys and Compounds, 2008, 460, 708-713.	5.5	43

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145	Atomic structure of binary Cu[sub 64.5]Zr[sub 35.5] bulk metallic glass. Applied Physics Letters, 2008, 92, 011902.	3.3	97
146	Atomic structure and glass forming ability of Cu46Zr46Al8 bulk metallic glass. Journal of Applied Physics, 2008, 104, .	2.5	50
147	New Class of Plastic Bulk Metallic Glass. Physical Review Letters, 2008, 100, 075501.	7.8	182
148	Tensile behavior of bulk metallic glasses by in situ x-ray diffraction. Applied Physics Letters, 2007, 91, .	3.3	42
149	Reversible structural relaxation and crystallization of Zr62Al8Ni13Cu17 bulk metallic glass. Journal of Non-Crystalline Solids, 2007, 353, 4157-4161.	3.1	21
150	La-based bulk metallic glasses with critical diameter up to 30mm. Acta Materialia, 2007, 55, 4409-4418.	7.9	112
151	Atomic structure in Zr70Ni30 metallic glass. Journal of Applied Physics, 2007, 102, .	2.5	43
152	Crystallization behavior of preannealed bulk amorphous alloy Zr62Al8Ni13Cu17. Materials Letters, 2006, 60, 935-938.	2.6	20
153	High-quality GaNAsâˆ•GaAs quantum wells with light emission up to 1.44Î¼m grown by molecular-beam epitaxy. Applied Physics Letters, 2005, 87, 141913.	3.3	12