

Chunling Qin

List of Publications by Year in descending order

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70
papers

1,770
citations

236925

25
h-index

315739

38
g-index

70
all docs

70
docs citations

70
times ranked

1461
citing authors

#	ARTICLE	IF	CITATIONS
1	High specific surface area bimodal porous carbon derived from biomass reed flowers for high performance lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 22-33.	9.4	103
2	Cu-Hf-Ta bulk metallic glass composites and their properties. <i>Acta Materialia</i> , 2005, 53, 2037-2048.	7.9	92
3	Synthesis and properties of Cu-Zr-Al glassy alloys with high glass-forming ability. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008, 148, 92-96.	3.5	73
4	Flexible NiO micro-rods/nanoporous Ni/metallic glass electrode with sandwich structure for high performance supercapacitors. <i>Electrochimica Acta</i> , 2019, 297, 767-777.	5.2	64
5	CoFe ₂ O ₄ nanoplates synthesized by dealloying method as high performance Li-ion battery anodes. <i>Electrochimica Acta</i> , 2017, 252, 295-305.	5.2	63
6	Glass formation, corrosion behavior and mechanical properties of bulk glassy Cu-Hf-Ti-Nb alloys. <i>Acta Materialia</i> , 2005, 53, 3903-3911.	7.9	62
7	Corrosion Behavior of Cu-Zr-Ti-Nb Bulk Glassy Alloys. <i>Materials Transactions</i> , 2003, 44, 749-753.	1.2	57
8	Yucca fern shaped CuO nanowires on Cu foam for remitting capacity fading of Li-ion battery anodes. <i>Scientific Reports</i> , 2018, 8, 6530.	3.3	56
9	Flexible Co(OH) ₂ /NiOxHy@Ni hybrid electrodes for high energy density supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 415, 128871.	12.7	55
10	Dual-network nanoporous NiFe ₂ O ₄ /NiO composites for high performance Li-ion battery anodes. <i>Chemical Engineering Journal</i> , 2020, 388, 124207.	12.7	54
11	Fabrication and new electrochemical properties of nanoporous Cu by dealloying amorphous Cu-Hf-Al alloys. <i>Intermetallics</i> , 2015, 56, 48-55.	3.9	48
12	Flexible integrated metallic glass-based sandwich electrodes for high-performance wearable all-solid-state supercapacitors. <i>Applied Materials Today</i> , 2020, 19, 100539.	4.3	45
13	Bimodal nanoporous Ni@Ni-Si network prepared by dealloying method for stable Li-ion storage. <i>Journal of Power Sources</i> , 2020, 449, 227550.	7.8	42
14	Mo microalloying effect on the glass-forming ability, magnetic, mechanical and corrosion properties of (Fe _{0.76} Si _{0.096} B _{0.084} P _{0.06}) _{100-x} Mox bulk glassy alloys. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7688-7691.	5.5	40
15	Ultrafine Cu ₂ O/CuO nanosheet arrays integrated with NPC/BMG composite rod for photocatalytic degradation. <i>Applied Surface Science</i> , 2019, 483, 285-293.	6.1	36
16	Porous Cu _x O/Ag ₂ O (x=1, 2) nanowires anodized on nanoporous Cu-Ag bimetal network as a self-supported flexible electrode for glucose sensing. <i>Applied Surface Science</i> , 2020, 515, 146062.	6.1	34
17	Enhancement of glass-forming ability of FeSiBP bulk glassy alloys with good soft-magnetic properties and high corrosion resistance. <i>Journal of Alloys and Compounds</i> , 2012, 533, 67-70.	5.5	32
18	Flexible porous Ni(OH) ₂ nanopetals sandwiches for wearable non-enzyme glucose sensors. <i>Applied Surface Science</i> , 2021, 552, 149529.	6.1	30

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19	Dealloying of Cu-Based Metallic Glasses in Acidic Solutions: Products and Energy Storage Applications. <i>Nanomaterials</i> , 2015, 5, 697-721.	4.1	28
20	Chemical Dealloying Synthesis of CuS Nanowire-on-Nanoplate Network as Anode Materials for Li-Ion Batteries. <i>Metals</i> , 2018, 8, 252.	2.3	28
21	Nanoporous GeO ₂ /Cu/Cu ₂ O network synthesized by dealloying method for stable Li-ion storage. <i>Electrochimica Acta</i> , 2019, 300, 363-372.	5.2	28
22	Novel bioactive Fe-based metallic glasses with excellent apatite-forming ability. <i>Materials Science and Engineering C</i> , 2016, 69, 513-521.	7.3	27
23	Formation and evolution of ultrathin Cu ₂ O nanowires on NPC ribbon by anodizing for photocatalytic degradation. <i>Applied Surface Science</i> , 2020, 506, 144819.	6.1	27
24	Effects of Additional Elements on the Glass Formation and Corrosion Behavior of Bulk Glassy Cu-Hf-Ti Alloys. <i>Materials Transactions</i> , 2003, 44, 1042-1045.	1.2	26
25	New Cu-Zr-Al-Nb Bulk Glassy Alloys with High Corrosion Resistance. <i>Materials Transactions</i> , 2004, 45, 1958-1961.	1.2	26
26	Electrochemical and XPS studies of Ni-based metallic glasses in boiling nitric acid solutions. <i>Electrochimica Acta</i> , 2009, 54, 1612-1617.	5.2	25
27	Excellent Mechanical Properties of Cu-Hf-Ti-Ta Bulk Glassy Alloys Containing <i>In-Situ</i> Dendrite Ta-based BCC Phase. <i>Materials Transactions</i> , 2004, 45, 2936-2940.	1.2	24
28	3D nanoporous Ni@NiO/metallic glass sandwich electrodes without corrosion cracks for flexible supercapacitor application. <i>Applied Surface Science</i> , 2021, 545, 149043.	6.1	24
29	One-step synthesis of CuO@brass foil by dealloying method for low-cost flexible supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9206-9215.	2.2	23
30	Porous TiO ₂ /Fe ₂ O ₃ nanoplate composites prepared by de-alloying method for Li-ion batteries. <i>Materials Letters</i> , 2018, 211, 254-257.	2.6	23
31	Sn modified nanoporous Ge for improved lithium storage performance. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 563-572.	9.4	23
32	Effect of Tantalum on Corrosion Resistance of Ni-Nb-Ta-Ti-Zr Glassy Alloys at High Temperature. <i>Materials Transactions</i> , 2005, 46, 858-862.	1.2	22
33	A Ni(OH) ₂ nanopetals network for high-performance supercapacitors synthesized by immersing Ni nanofoam in water. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 281-293.	2.8	22
34	Improving the cycling stability of three-dimensional nanoporous Ge anode by embedding Ag nanoparticles for high-performance lithium-ion battery. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 103-115.	9.4	22
35	Formation, Thermal Stability, Mechanical Properties and Corrosion Resistance of Cu-Zr-Ti-Ni-Nb Bulk Glassy Alloys. <i>Materials Transactions</i> , 2003, 44, 1147-1152.	1.2	21
36	Glass-Forming Ability and Properties of New Au-Based Glassy Alloys with Low Au Concentrations. <i>Materials Transactions</i> , 2009, 50, 1290-1293.	1.2	20

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37	Defective ZnOx@porous carbon nanofiber network inducing dendrite-free zinc plating as zinc metal anode for high-performance aqueous rechargeable Zn/Na4Mn9O18 battery based on hybrid electrolyte. <i>Journal of Power Sources</i> , 2022, 518, 230761.	7.8	20
38	Effects of additional noble elements on the thermal stability and mechanical properties of Cu–Zr–Al bulk glassy alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 631-635.	5.6	19
39	Synthesis of Cu _x O (x = 1,2)/amorphous compounds by dealloying and spontaneous oxidation method. <i>Materials Research</i> , 2014, 17, 33-37.	1.3	17
40	Dual-phase nanostructuring as a route to flexible nanoporous metals with outstanding comprehensive mechanical properties. <i>Science China Materials</i> , 2021, 64, 2289-2304.	6.3	16
41	Surface characteristics of high corrosion resistant Ni–Nb–Zr–Ti–Ta glassy alloys for nuclear fuel reprocessing applications. <i>Electrochemistry Communications</i> , 2008, 10, 1408-1410.	4.7	15
42	New nickel-based bulk metallic glasses with extremely high nickel content. <i>Journal of Alloys and Compounds</i> , 2010, 489, 80-83.	5.5	15
43	Enhancement of glass-forming ability and corrosion resistance of Zr-based Zr-Ni-Al bulk metallic glasses with minor addition of Nb. <i>Journal of Applied Physics</i> , 2011, 110, 023513.	2.5	15
44	Glass Formation, Chemical Properties and Surface Analysis of Cu-Based Bulk Metallic Glasses. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2275-2293.	4.1	15
45	Biodegradable Mg–Zn–Ca-Based Metallic Glasses. <i>Materials</i> , 2022, 15, 2172.	2.9	15
46	Ag particles modified Cu _x O (x = 1, 2) nanowires on nanoporous Cu-Ag bimetal network for antibacterial applications. <i>Materials Letters</i> , 2020, 258, 126823.	2.6	14
47	Self-standing porous Au/CuO nanowires with remarkably enhanced visible light absorption and photocatalytic performance. <i>Applied Surface Science</i> , 2022, 594, 153443.	6.1	13
48	Flower-like Ni ₃ S ₂ hollow microspheres as superior sulfur hosts for lithium-sulfur batteries. <i>Microporous and Mesoporous Materials</i> , 2021, 326, 111355.	4.4	12
49	Formation and properties of new Ni–Ta-based bulk glassy alloys with large supercooled liquid region. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 485, 690-694.	5.6	11
50	Formation and properties of new Cu-based bulk glassy alloys with critical diameters up to 1.5 cm. <i>Journal of Materials Research</i> , 2009, 24, 2935-2940.	2.6	11
51	Nanoporous Quasi-High-Entropy Alloy Microspheres. <i>Metals</i> , 2019, 9, 345.	2.3	11
52	Dual network porous Si/Al ₉ FeSi ₃ /Fe ₂ O ₃ composite for high performance Li-ion battery anode. <i>Electrochimica Acta</i> , 2020, 358, 136936.	5.2	11
53	Tailored Dealloying Products of Cu-based Metallic Glasses in Hydrochloric Acid Solutions. <i>Materials Research</i> , 2014, 17, 1003-1009.	1.3	10
54	Preparation and Electrochemical Properties of Pomegranate-Shaped Fe ₂ O ₃ /C Anodes for Li-ion Batteries. <i>Nanoscale Research Letters</i> , 2018, 13, 344.	5.7	10

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55	Effect of Cr Addition on the Glass-Forming Ability, Magnetic, Mechanical and Corrosion Properties of (Fe _{0.76} Si _{0.096} B _{0.096} P _{0.048}) _{100-x} Cr _x Bulk Glassy Alloys. <i>Materials Transactions</i> , 2008, 49, 2887-2890.		
56	Hierarchical nanoporous metal/BMG composite rods with excellent mechanical properties. <i>Intermetallics</i> , 2016, 77, 1-5.	3.9	9
57	Controlling the Mechanical Properties of Bulk Metallic Glasses by Superficial Dealloyed Layer. <i>Nanomaterials</i> , 2017, 7, 352.	4.1	9
58	Mechanical properties and corrosion behavior of (Cu _{0.6} Hf _{0.25} Ti _{0.15}) ₉₀ Nb ₁₀ bulk metallic glass composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 230-234.	5.6	8
59	Effects of Ag, Nd, and Yb on the Microstructures and Mechanical Properties of Mg-Zn-Ca Metallic Glasses. <i>Metals</i> , 2018, 8, 856.	2.3	7
60	Mechanical Properties and Degradation Behavior of Mg(100-7x)Zn6xYx (x = 0.2, 0.4, 0.6, 0.8) Alloys. <i>Metals</i> , 2018, 8, 261.	2.3	7
61	Improving the Cycling Stability of Fe ₃ O ₄ /NiO Anode for Lithium Ion Battery by Constructing Novel Bimodal Nanoporous Urchin Network. <i>Nanomaterials</i> , 2020, 10, 1890.	4.1	7
62	AlF ₃ microrods modified nanoporous Ge/Ag anodes fabricated by one-step dealloying strategy for stable lithium storage. <i>Materials Letters</i> , 2020, 276, 128254.	2.6	7
63	Stearic Acid Coated MgO Nanoplate Arrays as Effective Hydrophobic Films for Improving Corrosion Resistance of Mg-Based Metallic Glasses. <i>Nanomaterials</i> , 2020, 10, 947.	4.1	6
64	Controllable nanoporous copper synthesized by dealloying metallic glasses: New insights into the tuning pore structure and applications. <i>Chemical Engineering Journal</i> , 2021, 427, 130861.	12.7	6
65	Surface Morphologies and Mechanical Properties of Mg-Zn-Ca Amorphous Alloys under Chemistry-Mechanics Interactive Environments. <i>Metals</i> , 2019, 9, 327.	2.3	5
66	Fabrication and corrosion resistance of Mg-Zn-Y-based nano-quasicrystals alloys. <i>Materials Research</i> , 2012, 15, 51-56.	1.3	4
67	Flexible Free-Standing Cu _x O/Ag ₂ O (x = 1, 2) Nanowires Integrated with Nanoporous Cu-Ag Network Composite for Glucose Sensing. <i>Nanomaterials</i> , 2020, 10, 357.	4.1	4
68	Direct Preparation of Nano-Quasicrystals via a Water-Cooled Wedge-Shaped Copper Mould. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	3
69	Tunable Nanocrystals Fabricated by Free Dealloying of Amorphous Ribbons. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	2
70	Microstructural Evolution and Mechanical Properties of Pure Aluminum upon Multi-Pass Caliber Rolling. <i>Materials</i> , 2022, 15, 1206.	2.9	2