

Qiang Luo

List of Publications by Year in descending order

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13
papers

116
citations

1478505

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1281871

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docs citations

13
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical densification and negative thermal expansion in Ce-based metallic glass under high pressure. <i>Nature Communications</i> , 2015, 6, 5703.	12.8	38
2	Roles of hydrogenation, annealing and field in the structure and magnetic entropy change of Tb-based bulk metallic glasses. <i>AIP Advances</i> , 2013, 3, .	1.3	20
3	Polyamorphism in Yb-based metallic glass induced by pressure. <i>Scientific Reports</i> , 2017, 7, 46762.	3.3	13
4	Comparative Study of the Magnetic Properties and Glass-Forming Ability of Fe-Based Bulk Metallic Glass with Minor Mn, Co, Ni, and Cu Additions. <i>Acta Metallurgica Sinica (English Letters)</i> , 2016, 29, 834-839.	2.9	8
5	Rejuvenation-to-Relaxation Transition Induced by Elastostatic Compression and Its Effect on Deformation Behavior in a Zr-Based Bulk Metallic Glass. <i>Metals</i> , 2022, 12, 282.	2.3	7
6	Nucleation of fractal nanocrystallites upon annealing of Fe-based metallic glass. <i>Journal of Materials Research</i> , 2017, 32, 1880-1887.	2.6	6
7	Reentrant spin glass ordering in an Fe-based bulk metallic glass. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	5
8	Mechanism of the giant irreversible positive magnetic entropy change in a Tb-based bulk metallic glass. <i>Applied Physics Letters</i> , 2012, 101, 062411.	3.3	4
9	Size-dependent structure and magnetocaloric properties of Fe-based glass-forming alloy powders. <i>AIP Advances</i> , 2016, 6, 045002.	1.3	4
10	Local-structure change rendered by electronic localization-delocalization transition in cerium-based metallic glasses. <i>Physical Review B</i> , 2018, 97, .	3.2	4
11	Nanoscale-to-Mesoscale Heterogeneity and Percolating Favored Clusters Govern Ultrastability of Metallic Glasses. <i>Nano Letters</i> , 2022, , .	9.1	4
12	Nonlinear fragile-to-strong transition in a magnetic glass system driven by magnetic field. <i>AIP Advances</i> , 2017, 7, 125014.	1.3	2
13	Tuning magnetocaloric effect of Gd-Ér-Al-Co metallic glass through crystallization. <i>Journal of Iron and Steel Research International</i> , 2018, 25, 619-623.	2.8	1