

Li Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanoscale structural heterogeneity and magnetic properties of Fe-based amorphous alloys via Co and Ni additions. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164067.	5.5	12
2	In situ study on medium-range order evolution during the polyamorphous phase transition in a Pd-Ni-P nanostructured glass. <i>Journal of Materials Science and Technology</i> , 2022, 125, 145-156.	10.7	9
3	Magnetic properties of a Fe-based amorphous alloy with stress gradient. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167513.	2.3	3
4	A medium-range structure motif linking amorphous and crystalline states. <i>Nature Materials</i> , 2021, 20, 1347-1352.	27.5	92
5	Optimization of multiferroic properties in BiFeO ₃ /BaTiO ₃ -based ceramics by tuning oxygen octahedral distortion. <i>Journal of Materials Science</i> , 2020, 55, 2750-2763.	3.7	10
6	Structural rearrangement at medium-range and its effects on the magnetic properties and crystallization behaviors of a Fe-based amorphous alloy. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153911.	5.5	10
7	Bending ductility of stress-relieved Fe-Zr-B metallic glasses with pronounced β^2 -relaxation. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155068.	5.5	17
8	Structural evolution in 0.67(Sm Bi _{1-x})FeO ₃ -0.33BaTiO ₃ solid solution and its effect on multiferroic properties at room temperature. <i>Materials Chemistry and Physics</i> , 2019, 230, 100-106.	4.0	4
9	Enhanced modulation of magnetization in the Fe ₃ O ₄ /MgO/SrTiO ₃ heterostructure by electric field. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	5
10	Modulating the crystallization process of Fe ₈₂ B ₁₂ C ₆ amorphous alloy via rapid annealing. <i>Journal of Alloys and Compounds</i> , 2019, 785, 328-334.	5.5	10
11	Structure origin of abnormal magnetic behavior of Fe-P-C amorphous alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 472, 49-52.	2.3	6
12	Local structure, nucleation sites and crystallization behavior and their effects on magnetic properties of Fe ₈₁ Si _x B ₁₀ P _{8-x} Cu ₁ (x=0-8). <i>Scientific Reports</i> , 2018, 8, 1243.	3.3	20
13	Effect of Mo on nanocrystallization and magnetic properties of Fe _{83-x} B ₁₀ C ₆ Cu ₁ Mo _x (x=0-1.25) soft magnetic alloys. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1856-1860.	2.2	5
14	Structural relaxation in a Fe-based metallic glass: Changes in local structure and role of heterogeneity. <i>Intermetallics</i> , 2018, 103, 72-77.	3.9	8
15	Effect of heating rate on atom migration, phase structure and magnetic properties of the Fe ₈₂ Si ₂ B ₁₁ P ₄ Cu ₁ alloy. <i>Journal of Non-Crystalline Solids</i> , 2018, 499, 337-343.	3.1	13
16	Study of structural and magnetic properties of Fe ₈₀ P ₉ B ₁₁ amorphous alloy by <i>ab initio</i> molecular dynamic simulation. <i>Chinese Physics B</i> , 2017, 26, 067101.	1.4	2