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Relationship between structure, dynamics, and mechanical properties in metallic glass-forming alloys

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#	Paper	IF	Citations
360	Local order influences initiation of plastic flow in metallic glass: Effects of alloy composition and sample cooling history. <i>Acta Materialia</i> , <b>2008</b> , 56, 5263-5275	8.4	324
359	Indicators of internal structural states for metallic glasses: Local order, free volume, and configurational potential energy. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 051910	3.4	104
358	Local order and dynamic properties of liquid and undercooled Cu <sub>50</sub> Zr <sub>50</sub> alloys by ab initio molecular dynamics. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	81
357	Alloying strongly influences the structure, dynamics, and glass forming ability of metallic supercooled liquids. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 111913	3.4	102
356	Notch toughness of Cu-based bulk metallic glasses. <i>Scripta Materialia</i> , <b>2009</b> , 61, 137-140	5.6	44
355	Ni-free Zr <sub>50</sub> Al <sub>10</sub> Cu bulk metallic glasses with high glass-forming ability. <i>Scripta Materialia</i> , <b>2009</b> , 61, 241-244	5.6	76
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87	Atomistic investigation of aging and rejuvenation in CuZr metallic glass under cyclic loading. <i>Computational Materials Science</i> , <b>2020</b> , 185, 109965	3-2	5
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