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Melting of Cu under hydrostatic and shock wave loading to high pressures

DOI: 10.1088/0953-8984/20/9/095220

Journal of Physics Condensed Matter, 2008, 20, 095220.

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#	Paper	IF	Citations
75	Thermal equation of state, and melting and thermoelastic properties of bcc tantalum from molecular dynamics. <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 2833-2840	3.9	11
74	Molecular dynamics study of the micro-spallation. <i>European Physical Journal D</i> , <b>2008</b> , 50, 241-251	1.3	36
73	The relation between shock-state particle velocity and free surface velocity: A molecular dynamics study on single crystal Cu and silica glass. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 093530	2.5	36
72	Release melting of shock-loaded single crystal Cu. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 066103	2.5	13
71	Spall damage of copper under supported and decaying shock loading. <i>Journal of Applied Physics</i> , <b>2009</b> , 106, 123518	2.5	60
70	Melting of defective Cu with stacking faults. <i>Journal of Chemical Physics</i> , <b>2009</b> , 130, 024508	3.9	11
69	Shock-induced spall in solid and liquid Cu at extreme strain rates. <i>Journal of Applied Physics</i> , <b>2009</b> , 106, 013502	2.5	139
68	The anisotropy of shock-induced melting of Pt observed in molecular dynamics simulations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 1579-1584	2.3	21
67	Microscopic dynamics of structural transition in iron with a nanovoid under shock loading. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 355403	1.8	8
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65	The melting curve of ten metals up to 12 GPa and 1600 K. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 033517	2.5	118
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53	Shock-induced plasticity in tantalum single crystals: Interatomic potentials and large-scale molecular-dynamics simulations. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	173
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