

Mark Bosin

List of Publications by Year in descending order

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14
papers

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2682572

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14
all docs

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docs citations

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8
citing authors

#	ARTICLE	IF	CITATIONS
1	On a possible mechanism of instability of plastic deformation of metals and alloys at 4.2 K. Journal of Engineering Physics and Thermophysics, 2011, 84, 445-450.	0.6	1
2	Nature of localization of plastic flow of titanium alloy 19 under the conditions of active deformation at 4.2 K. Journal of Engineering Physics and Thermophysics, 2009, 82, 1219-1223.	0.6	0
3	Starting stress for the onset of dislocation motion in ruby single crystals. Physics of the Solid State, 2004, 46, 858-860.	0.6	0
4	Heat Losses in the Sensor of a "Cyclone" Industrial Partial Flowmeter. Measurement Techniques, 2002, 45, 182-186.	0.6	0
5	On the motion of a growth intergranular boundary with twin orientation in bicrystals of pure zinc. Physica Status Solidi A, 1996, 157, 213-216.	1.7	1
6	Tsiklon, a novel partial thermal flowmeter. Measurement Techniques, 1994, 37, 921-924.	0.6	0
7	Twinning in beryllium-copper alloys. II. Soviet Physics Journal (English Translation of Izvestia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 0.0	0.784314	10
8	The influence of forest dislocations on the mobility of the twin boundaries in Zn crystals. Physica Status Solidi A, 1974, 22, 305-314.	1.7	10
9	Influence of the pyramidal dislocation density on the stability of hardening the boundaries of single twins in zinc crystals. Soviet Physics Journal (English Translation of Izvestia Vysshikh Uchebnykh) Tj ETQq1 1 0.784304 rgBT /Overlock 10 TF 0.0	0.784304	10
10	The effect of alloying on the deformation strengthening of twin bands in bismuth and beryllium crystals under stress pulsations. Strength of Materials, 1974, 6, 79-83.	0.5	1
11	The effect of neutron irradiation on the properties of wedge-shaped twins in bismuth crystals. Strength of Materials, 1973, 5, 477-479.	0.5	0
12	The motion of non-coherent twin boundaries under repeated loadings. Physica Status Solidi A, 1972, 9, 69-77.	1.7	4
13	Investigation of the interaction between twinning dislocations and "forest" dislocations in zinc crystals. Strength of Materials, 1972, 4, 1492-1496.	0.5	0
14	Effect of a dislocation forest on the bauschinger effect during the twinning of zinc single crystals. Soviet Physics Journal (English Translation of Izvestia Vysshikh Uchebnykh Zavedenii, Fizika), 1971, 14, 650-652.	0.0	1