

Mark Bosin

List of Publications by Year in descending order

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14
papers

18
citations

2682572

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2053705

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g-index

14
all docs

14
docs citations

14
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of forest dislocations on the mobility of the twin boundaries in Zn crystals. <i>Physica Status Solidi A</i> , 1974, 22, 305-314.	1.7	10
2	The motion of non-coherent twin boundaries under repeated loadings. <i>Physica Status Solidi A</i> , 1972, 9, 69-77.	1.7	4
3	Effect of a dislocation forest on the bauschinger effect during the twinning of zinc single crystals. <i>Soviet Physics Journal (English Translation of Izvestia Vysshikh Uchebnykh Zavedenii, Fizika)</i> , 1971, 14, 650-652.	0.0	1
4	The effect of alloying on the deformation strengthening of twin bands in bismuth and beryllium crystals under stress pulsations. <i>Strength of Materials</i> , 1974, 6, 79-83.	0.5	1
5	On the motion of a growth intergranular boundary with twin orientation in bicrystals of pure zinc. <i>Physica Status Solidi A</i> , 1996, 157, 213-216.	1.7	1
6	On a possible mechanism of instability of plastic deformation of metals and alloys at 4.2 K. <i>Journal of Engineering Physics and Thermophysics</i> , 2011, 84, 445-450.	0.6	1
7	Investigation of the interaction between twinning dislocations and "forest" dislocations in zinc crystals. <i>Strength of Materials</i> , 1972, 4, 1492-1496.	0.5	0
8	The effect of neutron irradiation on the properties of wedge-shaped twins in bismuth crystals. <i>Strength of Materials</i> , 1973, 5, 477-479.	0.5	0
9	Influence of the pyramidal dislocation density on the stability of hardening the boundaries of single twins in zinc crystals. <i>Soviet Physics Journal (English Translation of Izvestia Vysshikh Uchebnykh)</i> Tj ETQq1 1 0.784304 rgBTq/Overloc	0.0	0
10	Twinning in beryllium-copper alloys. II. <i>Soviet Physics Journal (English Translation of Izvestia)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 382 T	0.0	0
11	Tsiklon, a novel partial thermal flowmeter. <i>Measurement Techniques</i> , 1994, 37, 921-924.	0.6	0
12	Heat Losses in the Sensor of a "Cyclone" Industrial Partial Flowmeter. <i>Measurement Techniques</i> , 2002, 45, 182-186.	0.6	0
13	Starting stress for the onset of dislocation motion in ruby single crystals. <i>Physics of the Solid State</i> , 2004, 46, 858-860.	0.6	0
14	Nature of localization of plastic flow of titanium alloy 19 under the conditions of active deformation at 4.2 K. <i>Journal of Engineering Physics and Thermophysics</i> , 2009, 82, 1219-1223.	0.6	0