Alex V Plotnikov

List of Publications by Year
in descending order

11	88	1684188 5	1372567 10
papers	citations	h-index	g-index

11	11	11	66
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Features of the strain-induced dissolution and structure of fracture surfaces in Cu-Co alloys. Diagnostics Resource and Mechanics of Materials and Structures, 2019, , 48-57.	0.1	0
2	Is it possible for dislocations to self-lock after high-pressure torsion?. Physics of Metals and Metallography, 2017, 118, 802-809.	1.0	2
3	Risk zones for coke drum shell produced by explosive welding. Journal of Materials Processing Technology, 2015, 215, 79-86.	6.3	4
4	Electron-microscopic examination of the transition zone of aluminum-tantalum bimetallic joints (explosion welding). Physics of Metals and Metallography, 2014, 115, 380-391.	1.0	7
5	The problem of intermixing of metals possessing no mutual solubility upon explosion welding (Cuâ€“Ta,) Tj ETQq1 1 0.784314 rgBT /Ov	4.4	43
6	Self-blocking of dislocations in the intermetallic compound Ni3Ge: reconstruction of a two-valley potential relief. Physics of Metals and Metallography, 2011, 112, 203-212.	1.0	3
7	Self-blocking of dislocations in intermetallic compound Ni3Ge: Cubic slip. Physics of Metals and Metallography, 2011, 111, 385-394.	1.0	5
8	Reconstruction of Dislocation Potential Relief by Means of Self-Blocking Effect. Crystallography Reports, 2010, 55, 1025-1030.	0.6	7
9	Deformation Behavior of Intermetallics: Models and Experiments. Israel Journal of Chemistry, 2007, 47, 415-421.	2.3	9
10	Some features of the formation and destruction of dislocation barriers in intermetallic compounds: III. Thermoactivated straightening of dislocations along a preferred direction in Ni3Al. Physics of Metals and Metallography, 2007, 104, 514-521.	1.0	2
11	Some features of the formation and destruction of dislocation barriers in intermetallic compounds: II. Observation of blocked superidislocations upon heating without stress. Physics of Metals and Metallography, 2006, 102, 69-75.	1.0	6