

Ivan Shashkov

List of Publications by Year in descending order

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19
papers

283
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	On the similarity of plastic flow processes during smooth and jerky flow: Statistical analysis. Acta Materialia, 2012, 60, 3729-3740.	7.9	65
2	Multiscale study of acoustic emission during smooth and jerky flow in an AlMg alloy. Acta Materialia, 2012, 60, 6842-6850.	7.9	64
3	Role of superposition of dislocation avalanches in the statistics of acoustic emission during plastic deformation. Physical Review E, 2013, 88, 042402.	2.1	47
4	On the similarity of plastic flow processes during smooth and jerky flow in dilute alloys. Acta Materialia, 2012, 60, 844-850.	7.9	39
5	Experimental investigation of the effect of thresholding on temporal statistics of avalanches. Physical Review E, 2017, 95, 032910.	2.1	18
6	Crossover in the scale-free statistics of acoustic emission associated with the Portevin-Le Chatelier instability. Scripta Materialia, 2018, 148, 47-50.	5.2	11
7	Acoustic-Emission Study of Intermittency of Plastic Flow during Twinning and Dislocation Glide. Acta Physica Polonica A, 2012, 122, 430-434.	0.5	10
8	Avalanche dynamics in crumpled aluminum thin foils. Scripta Materialia, 2015, 99, 17-20.	5.2	6
9	Statistical and Multifractal Properties of Barkhausen Jumps in Exchange-Coupled Antiferromagnetic/Ferromagnetic Bilayers. Solid State Phenomena, 0, 215, 35-40.	0.3	5
10	Multiscale Analysis of Acoustic Emission during Plastic Flow of Al and Mg Alloys: From Microseconds to Minutes. Materials Science Forum, 0, 783-786, 204-209.	0.3	4
11	Influence of Pd _{0.99} Fe _{0.01} film thickness on magnetic properties. Physica B: Condensed Matter, 2018, 549, 58-61.	2.7	4
12	Direct experimental study of the effect of dislocations on the magnetization reversal in a quasi-two-dimensional ferromagnet with unidirectional anisotropy. JETP Letters, 2013, 97, 279-284.	1.4	3
13	Temperature Dependence of the Exchange Anisotropy of a GdFeCo Ferrimagnetic Film Coupled to the IrMn Antiferromagnet. JETP Letters, 2019, 109, 722-728.	1.4	3
14	Breakdown of antiferromagnet order in polycrystalline NiFe/NiO bilayers probed with acoustic emission. Applied Physics Letters, 2017, 111, 032407.	3.3	2
15	Domain Structure and Magnetization Reversal Micromechanisms in Quasi-Two-Dimensional Exchange-Biased Nanomagnetics. Physics of the Solid State, 2018, 60, 2222-2230.	0.6	2
16	Investigation of Magnetorheological Suspensions by Optical Methods. Solid State Phenomena, 2009, 152-153, 151-154.	0.3	0
17	Radial Domains in DyPrFeCoB Microwires. Physics of the Solid State, 2021, 63, 266-271.	0.6	0
18	Chemical Design of DyPrFeCoB-Alloy-Based Microtweezers. Journal of Surface Investigation, 2021, 15, 292-297.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Effect of a Pt Interlayer on the Domain Dynamics in Ultrathin Co Layers with Perpendicular Anisotropy. Journal of Surface Investigation, 2021, 15, 1185-1190.	0.5	0