

Ivan Shashkov

List of Publications by Year in descending order

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papers

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times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Radial Domains in DyPrFeCoB Microwires. <i>Physics of the Solid State</i> , 2021, 63, 266-271.	0.6	0
2	Chemical Design of DyPrFeCoB-Alloy-Based Microtweezers. <i>Journal of Surface Investigation</i> , 2021, 15, 292-297.	0.5	0
3	Effect of a Pt Interlayer on the Domain Dynamics in Ultrathin Co Layers with Perpendicular Anisotropy. <i>Journal of Surface Investigation</i> , 2021, 15, 1185-1190.	0.5	0
4	Temperature Dependence of the Exchange Anisotropy of a GdFeCo Ferrimagnetic Film Coupled to the IrMn Antiferromagnet. <i>JETP Letters</i> , 2019, 109, 722-728.	1.4	3
5	Crossover in the scale-free statistics of acoustic emission associated with the Portevin-Le Chatelier instability. <i>Scripta Materialia</i> , 2018, 148, 47-50.	5.2	11
6	Influence of Pd _{0.99} Fe _{0.01} film thickness on magnetic properties. <i>Physica B: Condensed Matter</i> , 2018, 549, 58-61.	2.7	4
7	Domain Structure and Magnetization Reversal Micromechanisms in Quasi-Two-Dimensional Exchange-Biased Nanomagnetics. <i>Physics of the Solid State</i> , 2018, 60, 2222-2230.	0.6	2
8	Experimental investigation of the effect of thresholding on temporal statistics of avalanches. <i>Physical Review E</i> , 2017, 95, 032910.	2.1	18
9	Breakdown of antiferromagnet order in polycrystalline NiFe/NiO bilayers probed with acoustic emission. <i>Applied Physics Letters</i> , 2017, 111, 032407.	3.3	2
10	Avalanche dynamics in crumpled aluminum thin foils. <i>Scripta Materialia</i> , 2015, 99, 17-20.	5.2	6
11	Direct experimental study of the effect of dislocations on the magnetization reversal in a quasi-two-dimensional ferromagnet with unidirectional anisotropy. <i>JETP Letters</i> , 2013, 97, 279-284.	1.4	3
12	Role of superposition of dislocation avalanches in the statistics of acoustic emission during plastic deformation. <i>Physical Review E</i> , 2013, 88, 042402.	2.1	47
13	Multiscale study of acoustic emission during smooth and jerky flow in an AlMg alloy. <i>Acta Materialia</i> , 2012, 60, 6842-6850.	7.9	64
14	On the similarity of plastic flow processes during smooth and jerky flow in dilute alloys. <i>Acta Materialia</i> , 2012, 60, 844-850.	7.9	39
15	On the similarity of plastic flow processes during smooth and jerky flow: Statistical analysis. <i>Acta Materialia</i> , 2012, 60, 3729-3740.	7.9	65
16	Acoustic-Emission Study of Intermittency of Plastic Flow during Twinning and Dislocation Glide. <i>Acta Physica Polonica A</i> , 2012, 122, 430-434.	0.5	10
17	Investigation of Magnetorheological Suspensions by Optical Methods. <i>Solid State Phenomena</i> , 2009, 152-153, 151-154.	0.3	0
18	Multiscale Analysis of Acoustic Emission during Plastic Flow of Al and Mg Alloys: From Microseconds to Minutes. <i>Materials Science Forum</i> , 0, 783-786, 204-209.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Statistical and Multifractal Properties of Barkhausen Jumps in Exchange-Coupled Antiferromagnetic/Ferromagnetic Bilayers. Solid State Phenomena, 0, 215, 35-40.	0.3	5