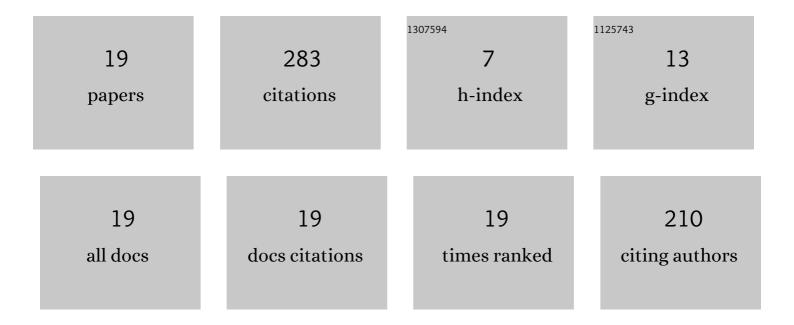
Ivan Shashkov

List of Publications by Year in descending order

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IVAN SHASHKOV

#	Article	IF	CITATIONS
1	Radial Domains in DyPr–FeCo–B Microwires. Physics of the Solid State, 2021, 63, 266-271.	0.6	0
2	Chemical Design of DyPrFeCoB-Alloy-Based Microtweezers. Journal of Surface Investigation, 2021, 15, 292-297.	0.5	0
3	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
4	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
5	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
6	Influence of Pd0.99Fe0.01 film thickness on magnetic properties. Physica B: Condensed Matter, 2018, 549, 58-61.	2.7	4
7	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
8	Experimental investigation of the effect of thresholding on temporal statistics of avalanches. Physical Review E, 2017, 95, 032910.	2.1	18
9	Breakdown of antiferromagnet order in polycrystalline NiFe/NiO bilayers probed with acoustic emission. Applied Physics Letters, 2017, 111, 032407.	3.3	2
10	Avalanche dynamics in crumpled aluminum thin foils. Scripta Materialia, 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. JETP Letters, 2013, 97, 279-284.	1.4	3
12	Role of superposition of dislocation avalanches in the statistics of acoustic emission during plastic deformation. Physical Review E, 2013, 88, 042402.	2.1	47
13	Multiscale study of acoustic emission during smooth and jerky flow in an AlMg alloy. Acta Materialia, 2012, 60, 6842-6850.	7.9	64
14	On the similarity of plastic flow processes during smooth and jerky flow in dilute alloys. Acta Materialia, 2012, 60, 844-850.	7.9	39
15	On the similarity of plastic flow processes during smooth and jerky flow: Statistical analysis. Acta Materialia, 2012, 60, 3729-3740.	7.9	65
16	Acoustic-Emission Study of Intermittency of Plastic Flow during Twinning and Dislocation Glide. Acta Physica Polonica A, 2012, 122, 430-434.	0.5	10
17	Investigation of Magnetorheological Suspensions by Optical Methods. Solid State Phenomena, 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. Materials Science Forum, 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