Evgeny N Moskvichev

List of Publications by Year
in descending order

26	187	1040056 9	1199594 12
papers	citations	h-index	g-index

26	26	26	70
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Microstructure and Mechanical Properties of Ferritic-Martensitic Steel EP-823 after High-Temperature Thermomechanical Treatment. Metals, 2022, 12, 79.	2.3	11
2	Features of Microstructure and Texture Formation of Large-Sized Blocks of C11000 Copper Produced by Electron Beam Wire-Feed Additive Technology. Materials, 2022, 15, 814.	2.9	9
3	Microstructural Evolution of AA5154 Layers Intermixed with Mo Powder during Electron Beam Wire-Feed Additive Manufacturing (EBAM). Metals, 2022, 12, 109.	2.3	5
4	Investigation of the structural-phase state and mechanical properties of ZrCrN coatings obtained by plasma-assisted vacuum arc evaporation. Metal Working and Material Science, 2022, 24, 87-102.	0.3	4
5	Friction Stir Processing of Additively Manufactured Ti-6Al-4V Alloy: Structure Modification and Mechanical Properties. Metals, 2022, 12, 55.	2.3	11
6	Effect of Multistage High Temperature Thermomechanical Treatment on the Microstructure and Mechanical Properties of Austenitic Reactor Steel. Metals, 2022, 12, 63.	2.3	6
7	The Effect of Heat Input, Annealing, and Deformation Treatment on Structure and Mechanical Properties of Electron Beam Additive Manufactured (EBAM) Silicon Bronze. Materials, 2022, 15, 3209.	2.9	6
8	Self-Lubricating Effect of WC/Yâ€“TZPâ€“Al2O3 Hybrid Ceramicâ€“Matrix Composites with Dispersed Hadfield Steel Particles during High-Speed Sliding against an HSS Disk. Lubricants, 2022, 10, 140.	2.9	5
9	Structural Transformations and Mechanical Properties of Metastable Austenitic Steel under High Temperature Thermomechanical Treatment. Metals, 2021, 11, 645.	2.3	12
10	Effect of liquid nitrogen and warm deformation on the microstructure and mechanical properties of 321-type metastable austenitic steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 824, 141525.	5.6	0
11	Heat Input Effect on Microstructure and Mechanical Properties of Electron Beam Additive Manufactured (EBAM) Cu-7.5wt.%Al Bronze. Materials, 2021, 14, 6948.	2.9	11
12	Influence of the Characteristics of Multilayer Interference Antireflection Coatings Based on Nb, Si, and Al Oxides on the Laser-Induced Damage Threshold of ZnGeP2 Single Crystal. Crystals, 2021, 11, 1549.	2.2	9
13	Microstructure of Vein Quartz Aggregates as an Indicator of Their Deformation History: An Example of Vein Systems from Western Transbaikalia (Russia). Minerals (Basel, Switzerland), 2020, 10, 865.	2.0	7
14	Strength and Ductility Improvement through Thermomechanical Treatment of Wire-Feed Electron Beam Additive Manufactured Low Stacking Fault Energy (SFE) Aluminum Bronze. Metals, 2020, 10, 1568.	2.3	17
15	Study of the Structure and Mechanical Properties of Aluminum Bronze Printed by Electron Beam Additive Manufacturing. Metal Working and Material Science, 2020, 22, 118-129.	0.3	1
16	Impact of Dispersion Hardening by Alumina Nano Particles on Mechanical Properties of Al 1100. Minerals, Metals and Materials Series, 2020, , 465-470.	0.4	0
17	Pure Aluminum Structure and Mechanical Properties Modified by Al2O3 Nanoparticles and Ultrasonic Treatment. Metals, 2019, 9, 1199.	2.3	11
18	IMPACT OF THE MICROSTRUCTURE CHANGES UNDER CYCLIC GROOVE PRESSING ON THE MECHANICAL BEHAVIOR OF MGâˆ’MNâˆ’Đ¡E MAGNESIUM ALLOY. Vestnik Tomskogo Gosudarstvennogo Universiteta, Matematika I Mekhanika, 2019, , 109-118.	0.3	1

#	Article	IF	Citations
19	Relationship between acoustic emission and microcrack formation in single crystals of Hadfield steel. AIP Conference Proceedings, 2018, , .	0.4	2
20	Structure and Mechanical Properties of Aluminum 1560 Alloy after Severe Plastic Deformation by Groove Pressing. Physical Mesomechanics, 2018, 21, 515-522.	1.9	9
21	Numerical simulation of deformation behavior of aluminum alloy sheets under processing by groove pressing method. MATEC Web of Conferences, 2018, 143, 01011.	0.2	1
22	Changes in the physical and mechanical properties of Al-Mg alloy processed by severe plastic deformation. AIP Conference Proceedings, 2017, , .	0.4	2
23	Numerical modeling of the strain of elastic rubber elements. Journal of Physics: Conference Series, 2017, 919, 012014.	0.4	8
24	Influence of structure to plastic deformation resistance of aluminum alloy 1560 after groove pressing treatment. Letters on Materials, 2016, 6, 141-145.	0.7	23
25	The Effect of a Severe Plastic Deformation by Groove Pressing on the Grain Structure of the Al-Mg Alloy. Key Engineering Materials, 0, 743, 187-190.	0.4	7
26	Mechanical Properties of Ultrafine-Grained Al-Mg Alloy Produced by Severe Plastic Deformation. Key Engineering Materials, 0, 743, 203-206.	0.4	9