

# Evgeny N Moskvichev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6768802/publications.pdf>

Version: 2024-02-01

26  
papers

187  
citations

1040056

9  
h-index

1199594

12  
g-index

26  
all docs

26  
docs citations

26  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Structural Transformations and Mechanical Properties of Metastable Austenitic Steel under High Temperature Thermomechanical Treatment. Metals, 2021, 11, 645.	2.3	12
4	Pure Aluminum Structure and Mechanical Properties Modified by Al <sub>2</sub> O <sub>3</sub> Nanoparticles and Ultrasonic Treatment. Metals, 2019, 9, 1199.	2.3	11
5	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
6	The Microstructure and Mechanical Properties of Ferritic-Martensitic Steel EP-823 after High-Temperature Thermomechanical Treatment. Metals, 2022, 12, 79.	2.3	11
7	Friction Stir Processing of Additively Manufactured Ti-6Al-4V Alloy: Structure Modification and Mechanical Properties. Metals, 2022, 12, 55.	2.3	11
8	Mechanical Properties of Ultrafine-Grained Al-Mg Alloy Produced by Severe Plastic Deformation. Key Engineering Materials, 0, 743, 203-206.	0.4	9
9	Structure and Mechanical Properties of Aluminum 1560 Alloy after Severe Plastic Deformation by Groove Pressing. Physical Mesomechanics, 2018, 21, 515-522.	1.9	9
10	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
11	Influence of the Characteristics of Multilayer Interference Antireflection Coatings Based on Nb, Si, and Al Oxides on the Laser-Induced Damage Threshold of ZnGeP <sub>2</sub> Single Crystal. Crystals, 2021, 11, 1549.	2.2	9
12	Numerical modeling of the strain of elastic rubber elements. Journal of Physics: Conference Series, 2017, 919, 012014.	0.4	8
13	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
14	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
15	Effect of Multistage High Temperature Thermomechanical Treatment on the Microstructure and Mechanical Properties of Austenitic Reactor Steel. Metals, 2022, 12, 63.	2.3	6
16	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
17	Microstructural Evolution of AA5154 Layers Intermixed with Mo Powder during Electron Beam Wire-Feed Additive Manufacturing (EBAM). Metals, 2022, 12, 109.	2.3	5
18	Self-Lubricating Effect of WC/Al <sub>2</sub> O <sub>3</sub> Hybrid Ceramic Matrix Composites with Dispersed Hadfield Steel Particles during High-Speed Sliding against an HSS Disk. Lubricants, 2022, 10, 140.	2.9	5

#	ARTICLE	IF	CITATIONS
19	Investigation of the structural-phase state and mechanical properties of ZrCrN coatings obtained by plasma-assisted vacuum arc evaporation. <i>Metal Working and Material Science</i> , 2022, 24, 87-102.	0.3	4
20	Changes in the physical and mechanical properties of Al-Mg alloy processed by severe plastic deformation. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
21	Relationship between acoustic emission and microcrack formation in single crystals of Hadfield steel. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
22	Study of the Structure and Mechanical Properties of Aluminum Bronze Printed by Electron Beam Additive Manufacturing. <i>Metal Working and Material Science</i> , 2020, 22, 118-129.	0.3	1
23	IMPACT OF THE MICROSTRUCTURE CHANGES UNDER CYCLIC GROOVE PRESSING ON THE MECHANICAL BEHAVIOR OF Mg-Mn-Mg-Mg MAGNESIUM ALLOY. <i>Vestnik Tomskogo Gosudarstvennogo Universiteta, Matematika i Mekhanika</i> , 2019, , 109-118.	0.3	1
24	Numerical simulation of deformation behavior of aluminum alloy sheets under processing by groove pressing method. <i>MATEC Web of Conferences</i> , 2018, 143, 01011.	0.2	1
25	Effect of liquid nitrogen and warm deformation on the microstructure and mechanical properties of 321-type metastable austenitic steel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141525.	5.6	0
26	Impact of Dispersion Hardening by Alumina Nano Particles on Mechanical Properties of Al 1100. <i>Minerals, Metals and Materials Series</i> , 2020, , 465-470.	0.4	0