

# Nataliia Shkatulyak

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Formation of a Gradient Structure in a Material by Twist Extrusion. Russian Metallurgy (Metally), 2020, 2020, 573-578.	0.1	2
2	Obtaining hexagon-shaped billets of copper with gradient structure by twist extrusion. Materials Characterization, 2019, 153, 215-223.	1.9	15
3	Studentsâ€™ knowledge test control in Physics. Scientific Bulletin of South Ukrainian National Pedagogical University Named After K D Ushynsky, 2019, 2019, 143-149.	0.1	0
4	Anisotropic damage of titanium plates under uniaxial tension after reverse bending. Journal of Materials Research and Technology, 2018, 7, 82-88.	2.6	0
5	On the Causes of Fractures of Reinforcing Ropes of the Protective Shells of Power-Generating Units of Nuclear Power Plants. Materials Science, 2018, 54, 240-249.	0.3	1
6	Effect of the Strain Kind on the Texture and Microstructure of Low-Alloyed Steel. International Journal of Metals, 2016, 2016, 1-8.	0.3	1
7	Effect of Alternating Bending on Texture, Structure, and Elastic Properties of Sheets of Magnesium Lithium Alloy. International Journal of Metals, 2015, 2015, 1-8.	0.3	2
8	Texture, microstructure, and fractal features of the low-cycle fatigue failure of the metal in pipeline welded joints. Russian Metallurgy (Metally), 2015, 2015, 759-770.	0.1	5
9	Fractal Dimension of Grain Boundaries and Mechanical Properties of the Metal of Oxygen Cylinders. Materials Science, 2015, 50, 612-620.	0.3	5
10	Effect of reverse bending on texture, structure, and mechanical properties of sheets of magnesium alloys with zinc and zirconium. Physics of Metals and Metallography, 2014, 115, 609-616.	0.3	4
11	Effect of alternating bending on the texture, structure and mechanical properties of aluminum sheets. Metal Science and Heat Treatment, 2013, 54, 472-476.	0.2	3
12	Coercive force, texture, and fracture in a low-carbon steel tube. Russian Metallurgy (Metally), 2012, 2012, 389-395.	0.1	0
13	A role played by the crystallographic texture in the process of corrosion of hot-rolled rods made of carbon steel. Materials Science, 2012, 48, 153-161.	0.3	8
14	Reverse bending effect on the texture, structure, and mechanical properties of sheet copper. Physics of Metals and Metallography, 2012, 113, 810-816.	0.3	3
15	Nature of the short-range decomposition of a Cu-10 at % Ni alloy upon annealing. Russian Metallurgy (Metally), 2010, 2010, 418-424.	0.1	0
16	Anisotropy of elastic aftereffect in FCC metals. Russian Metallurgy (Metally), 2006, 2006, 541-545.	0.1	2
17	Fractal Nature of the Brittle Fracture Surfaces of Metal. Materials Science, 2005, 41, 62-66.	0.3	6
18	Effect of the crystallographic texture on the anisotropy of fracture characteristics of control-rolled low-alloy steel. Materials Science, 1993, 29, 146-150.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Influence of cold rolling on the anisotropy of the shear modulus and the poisson coefficient of polycrystalline copper and silicon steel. Russian Physics Journal, 1993, 36, 121-124.	0.2	0