

# Lilia I Shevtsova

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

134  
citations

1478505

6  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	MECHANICAL PROPERTIES AND CORROSION BEHAVIOR OF Ni <sub>3</sub> Al INTERMETALLIC COMPOUND WITH B OBTAINED BY SPARK PLASMA SINTERING IN THE NITRIC ACID SOLUTION. Izvestia Volgograd State Technical University, 2022, , 37-44.	0.0	0
2	Microstructure and mechanical properties of materials obtained by spark plasma sintering of Ni <sub>3</sub> Al-Ni powder mixtures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 773, 138882.	5.6	18
3	The corrosion behavior of the Ni <sub>3</sub> Al intermetallic materials obtained by SPS in alkali solutions. Materials Today: Proceedings, 2020, 25, 443-446.	1.8	0
4	Scanning the Layered Composites Using Subminiature Eddy-Current Transducers. Advances in Intelligent Systems and Computing, 2020, , 701-708.	0.6	2
5	Flaw inspection of welded joints in titanium alloys by the eddy current method. Welding International, 2017, 31, 608-611.	0.7	16
6	Non-destructive testing of nanomaterials by using subminiature eddy current transducers. IOP Conference Series: Materials Science and Engineering, 2017, 177, 012111.	0.6	0
7	Measurement System for Studying Flaws in Alloy Slabs by Means of Subminiature Eddy-Current Transducers. Measurement Techniques, 2017, 60, 372-375.	0.6	12
8	The Effect of Preliminary Mechanical Activation on the Structure and Mechanical Properties of Ni <sub>3</sub> Al+B Material Obtained by SPS. Key Engineering Materials, 2017, 743, 19-24.	0.4	4
9	Research of Conductive Materials by Multifrequency Measuring System on the Basis of Eddy Current Transducers. IOP Conference Series: Materials Science and Engineering, 2017, 189, 012001.	0.6	2
10	Additional heat treatment of non-porous coatings obtained on medium carbon steel substrates by electron beam cladding of a Ti-Mo-C powder composition. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012130.	0.6	0
11	Boron-modified Ni <sub>3</sub> Al intermetallic compound formed by spark plasma sintering of mechanically activated Ni and Al powders. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012139.	0.6	2
12	Fabrication of the Ni <sub>3</sub> Al-based alloy formed by spark plasma sintering of VKNA powders. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012113.	0.6	3
13	Subminiature eddy current transducers for studying metal- dielectric junctions. IOP Conference Series: Materials Science and Engineering, 2016, 156, 012006.	0.6	0
14	The influence of sintering temperature on microstructure and mechanical properties of Ni-Al intermetallics fabricated by SPS. AIP Conference Proceedings, 2015, , .	0.4	4
15	Fabrication of the intermetallic Ni <sub>3</sub> Al by mechanical activation and spark plasma sintering. AIP Conference Proceedings, 2015, , .	0.4	0
16	Welding of titanium and nickel alloy by combination of explosive welding and spark plasma sintering technologies. AIP Conference Proceedings, 2015, , .	0.4	1
17	Subminiature eddy current transducers for studying semiconductor material. Journal of Physics: Conference Series, 2015, 643, 012058.	0.4	10
18	Structure and Properties of Multilayered Composite Materials «Nickel - Nickel Aluminate» Obtained Using SPS Method. Advanced Materials Research, 2014, 1040, 161-165.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Spark Plasma Sintering of Mechanically Activated Ni and Al Powders. <i>Advanced Materials Research</i> , 2014, 1040, 772-777.	0.3	19
20	The Structural Particularities of Multilayered Metal-Intermetallic Composites Fabricated by the Spark Plasma Sintering Technology. <i>Advanced Materials Research</i> , 2014, 1040, 800-804.	0.3	11
21	Influence of the explosively welded composites structure on the diffusion processes occurring during annealing. , 2013, , .		10
22	Formation of Sintered “PN85YU15” Ni-Powder Composites by Using the SPS Method. <i>Applied Mechanics and Materials</i> , 0, 698, 299-304.	0.2	1
23	Spark Plasma Sintering of Mechanically Activated Ni and Al Nanopowders. <i>Applied Mechanics and Materials</i> , 0, 682, 188-191.	0.2	9
24	Effect of Plastic Deformation of the Initial Components and Particle Size Reduction on the Structure and Properties of the PN85YU15-Ni Composite Material Produced by Spark Plasma Sintering. <i>Applied Mechanics and Materials</i> , 0, 788, 151-156.	0.2	2
25	Superminiature Eddy-Current Transducers for Studying Steel to Dielectric Junctions. <i>Materials Science Forum</i> , 0, 927, 161-167.	0.3	1