

Lilia I Shevtsova

List of Publications by Year in descending order

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25
papers

134
citations

1478505

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1372567

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times ranked

59
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Spark Plasma Sintering of Mechanically Activated Ni and Al Powders. <i>Advanced Materials Research</i> , 2014, 1040, 772-777. | 0.3 | 19 |
| 2 | Microstructure and mechanical properties of materials obtained by spark plasma sintering of Ni ₃ Al–Ni powder mixtures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 773, 138882. | 5.6 | 18 |
| 3 | Flaw inspection of welded joints in titanium alloys by the eddy current method. <i>Welding International</i> , 2017, 31, 608-611. | 0.7 | 16 |
| 4 | Measurement System for Studying Flaws in Alloy Slabs by Means of Subminiature Eddy-Current Transducers. <i>Measurement Techniques</i> , 2017, 60, 372-375. | 0.6 | 12 |
| 5 | 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 |
| 6 | Influence of the explosively welded composites structure on the diffusion processes occurring during annealing. , 2013, , . | | 10 |
| 7 | Subminiature eddy current transducers for studying semiconductor material. <i>Journal of Physics: Conference Series</i> , 2015, 643, 012058. | 0.4 | 10 |
| 8 | Spark Plasma Sintering of Mechanically Activated Ni and Al Nanopowders. <i>Applied Mechanics and Materials</i> , 0, 682, 188-191. | 0.2 | 9 |
| 9 | Structure and Properties of Multilayered Composite Materials –Nickel - Nickel Aluminate–Obtained Using SPS Method. <i>Advanced Materials Research</i> , 2014, 1040, 161-165. | 0.3 | 7 |
| 10 | The influence of sintering temperature on microstructure and mechanical properties of Ni-Al intermetallics fabricated by SPS. <i>AIP Conference Proceedings</i> , 2015, , . | 0.4 | 4 |
| 11 | The Effect of Preliminary Mechanical Activation on the Structure and Mechanical Properties of Ni ₃ Al+B Material Obtained by SPS. <i>Key Engineering Materials</i> , 2017, 743, 19-24. | 0.4 | 4 |
| 12 | Fabrication of the Ni ₃ Al-based alloy formed by spark plasma sintering of VKNA powders. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 124, 012113. | 0.6 | 3 |
| 13 | 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 |
| 14 | Boron-modified Ni ₃ Al intermetallic compound formed by spark plasma sintering of mechanically activated Ni and Al powders. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 124, 012139. | 0.6 | 2 |
| 15 | Research of Conductive Materials by Multifrequency Measuring System on the Basis of Eddy Current Transducers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 189, 012001. | 0.6 | 2 |
| 16 | Scanning the Layered Composites Using Subminiature Eddy-Current Transducers. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 701-708. | 0.6 | 2 |
| 17 | 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 |
| 18 | Welding of titanium and nickel alloy by combination of explosive welding and spark plasma sintering technologies. <i>AIP Conference Proceedings</i> , 2015, , . | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Superminiature Eddy-Current Transducers for Studying Steel to Dielectric Junctions. Materials Science Forum, 0, 927, 161-167. | 0.3 | 1 |
| 20 | Fabrication of the intermetallic Ni ₃ Al by mechanical activation and spark plasma sintering. AIP Conference Proceedings, 2015, , . | 0.4 | 0 |
| 21 | 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 |
| 22 | Subminiature eddy current transducers for studying metal- dielectric junctions. IOP Conference Series: Materials Science and Engineering, 2016, 156, 012006. | 0.6 | 0 |
| 23 | Non-destructive testing of nanomaterials by using subminiature eddy current transducers. IOP Conference Series: Materials Science and Engineering, 2017, 177, 012111. | 0.6 | 0 |
| 24 | The corrosion behavior of the Ni ₃ Al intermetallic materials obtained by SPS in alkali solutions. Materials Today: Proceedings, 2020, 25, 443-446. | 1.8 | 0 |
| 25 | MECHANICAL PROPERTIES AND CORROSION BEHAVIOR OF Ni₃Al 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 |