

Arina V Ukhina

List of Publications by Year in descending order

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18
papers

209
citations

1040056

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1058476

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all docs

18
docs citations

18
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of self-supporting porous graphite structures by Spark Plasma Sintering of nickel–amorphous carbon mixtures. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 76, 192-202.	4.0	22
2	The influence of the formation of Fe ₃ C on graphitization in a carbon-rich iron-amorphous carbon mixture processed by Spark Plasma Sintering and annealing. <i>Ceramics International</i> , 2017, 43, 11902-11906.	4.8	21
3	Interaction between Fe ₆₆ Cr ₁₀ Nb ₅ B ₁₉ metallic glass and aluminum during spark plasma sintering. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 799, 140165.	5.6	21
4	The influence of the in-situ formed and added carbon on the formation of metastable Ni-based phases during detonation spraying. <i>Materials Letters</i> , 2016, 181, 127-131.	2.6	20
5	Separating the reaction and spark plasma sintering effects during the formation of Ti–Cu composites from mechanically milled Ti– ³ Cu mixtures. <i>Ceramics International</i> , 2021, 47, 12494-12504.	4.8	18
6	Porous electrically conductive materials produced by Spark Plasma Sintering and hot pressing of nanodiamonds. <i>Ceramics International</i> , 2015, 41, 12459-12463.	4.8	16
7	Effect of the Surface Modification of Synthetic Diamond with Nickel or Tungsten on the Properties of Copper–Diamond Composites. <i>Inorganic Materials</i> , 2018, 54, 426-433.	0.8	16
8	Formation of Metallic Glass Coatings by Detonation Spraying of a Fe ₆₆ Cr ₁₀ Nb ₅ B ₁₉ Powder. <i>Metals</i> , 2019, 9, 846.	2.3	16
9	Synthesis of nickel boride by thermal explosion in ball-milled powder mixtures. <i>Journal of Materials Science</i> , 2018, 53, 13592-13599.	3.7	10
10	The Benefit of the Glassy State of Reinforcing Particles for the Densification of Aluminum Matrix Composites. <i>Journal of Composites Science</i> , 2022, 6, 135.	3.0	10
11	Wear-Resistant Fe-Based Metallic Glass-Al ₂ O ₃ Composite Coatings Produced by Detonation Spraying. <i>Journal of Thermal Spray Technology</i> , 2022, 31, 1355-1365.	3.1	8
12	Structural and morphological transformations in cobalt-carbon mixtures during ball milling, annealing and Spark Plasma Sintering. <i>Vacuum</i> , 2018, 157, 210-215.	3.5	7
13	CO _x free catalytic decomposition of methane over solution combustion synthesis derived catalyst: Synthesis of hydrogen and carbon nanofibers. <i>International Journal of Energy Research</i> , 2022, 46, 11957-11971.	4.5	6
14	Processing of Fe-Based Alloys by Detonation Spraying and Spark Plasma Sintering. <i>Journal of Thermal Spray Technology</i> , 2021, 30, 1692-1702.	3.1	5
15	Structural Features and Corrosion Resistance of Fe ₆₆ Cr ₁₀ Nb ₅ B ₁₉ Metallic Glass Coatings Obtained by Detonation Spraying. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 622-630.	2.5	5
16	The Influence of Salt fog Exposure on Corrosion Resistance of Detonation Coatings Fe ₆₆ Cr ₁₀ Nb ₅ B ₁₉ . <i>Metal Working and Material Science</i> , 2020, 22, 95-105.	0.3	4
17	FeCoNiCu Alloys Obtained by Detonation Spraying and Spark Plasma Sintering of High-Energy Ball-Milled Powders. <i>Journal of Thermal Spray Technology</i> , 2022, 31, 1067-1075.	3.1	4
18	Synthesis of titanium carbide and titanium diboride for metal processing and ceramics production. <i>Metal Working and Material Science</i> , 2021, 23, 155-166.	0.3	0