

Nikolay Razumov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of CoCrFeNiMnW _{0.25} High-Entropy Alloy Powders by Mechanical Alloying and Plasma Spheroidization Processes for Additive Manufacturing. <i>Metals and Materials International</i> , 2021, 27, 50-54.	3.4	17
2	Refractory CrMoNbWV High-Entropy Alloy Manufactured by Mechanical Alloying and Spark Plasma Sintering: Evolution of Microstructure and Properties. <i>Materials</i> , 2021, 14, 621.	2.9	15
3	Optimization of EI961 steel spheroidization process for subsequent use in additive manufacturing: Effect of plasma treatment on the properties of EI961 powder. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 936-945.	3.3	0
4	Additive Manufacturing of Ti-48Al-2Cr-2Nb Alloy Using Gas Atomized and Mechanically Alloyed Plasma Spheroidized Powders. <i>Materials</i> , 2020, 13, 3952.	2.9	15
5	Microstructure, densification, and mechanical properties of titanium intermetallic alloy manufactured by laser powder bed fusion additive manufacturing with high-temperature preheating using gas atomized and mechanically alloyed plasma spheroidized powders. <i>Additive Manufacturing</i> , 2020, 34, 101374.	3.0	22
6	Microstructure and mechanical properties of high-nitrogen 16Cr-2Ni-Mn-Mo-xN stainless steel obtained by powder metallurgy techniques. <i>Materials Today: Proceedings</i> , 2020, 30, 768-772.	1.8	2
7	Synthesis of NiTi alloy powders for powder-based additive manufacturing. <i>Materials Today: Proceedings</i> , 2020, 30, 679-682.	1.8	7
8	Fabrication of Silicon Carbide Fiber-Reinforced Silicon Carbide Matrix Composites Using Binder Jetting Additive Manufacturing from Irregularly-Shaped and Spherical Powders. <i>Materials</i> , 2020, 13, 1766.	2.9	34
9	Gamma-Titanium Intermetallic Alloy Produced by Selective Laser Melting Using Mechanically Alloyed and Plasma Spheroidized Powders. <i>Minerals, Metals and Materials Series</i> , 2020, , 375-383.	0.4	2
10	Synthesis of the ZrB ₂ -SiC ultra-high temperature ceramic powder by plasma spheroidization. , 2020, , .		0
11	Microstructure and phase composition of the Nb-Si based in-situ composite from plasma spheroidized powder. <i>Materials Today: Proceedings</i> , 2020, 30, 545-548.	1.8	5
12	Synthesis of titanium orthorhombic alloy spherical powders by mechanical alloying and plasma spheroidization processes. <i>Materials Letters</i> , 2019, 256, 126615.	2.6	19