

# Nikolay Razumov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5816355/publications.pdf>

Version: 2024-02-01

12  
papers

145  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Synthesis of titanium orthorhombic alloy spherical powders by mechanical alloying and plasma spheroidization processes. <i>Materials Letters</i> , 2019, 256, 126615.	2.6	19
4	Synthesis of CoCrFeNiMnW0.25 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
5	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
6	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
7	Synthesis of NiTi alloy powders for powder-based additive manufacturing. <i>Materials Today: Proceedings</i> , 2020, 30, 679-682.	1.8	7
8	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
9	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
10	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
11	Synthesis of the ZrB <sub>2</sub> -SiC ultra-high temperature ceramic powder by plasma spheroidization. , 2020, , .		0
12	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