

# Ivan Goncharov

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

186  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Nb-based powder alloy by mechanical alloying and plasma spheroidization processes for additive manufacturing. <i>Materials Letters</i> , 2019, 245, 188-191.	2.6	36
2	Mechanical and microstructural characterization of WC-Co consolidated by binder jetting additive manufacturing. <i>International Journal of Refractory Metals and Hard Materials</i> , 2021, 100, 105639.	3.8	36
3	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
4	Fabrication of the Nb-16Si Alloy Powder for Additive Technologies by Mechanical Alloying and Spheroidization in Electric-Arc Discharge Thermal Plasma. <i>Russian Journal of Non-Ferrous Metals</i> , 2018, 59, 671-676.	0.6	20
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	Structure and mechanical properties of austenitic 316L steel produced by selective laser melting. <i>Russian Metallurgy (Metally)</i> , 2016, 2016, 930-934.	0.5	12
7	Investigation of additive manufacturing from the heat-resistant steel powder produced by recycling of the machining chips. <i>Journal of Manufacturing Processes</i> , 2021, 64, 1070-1076.	5.9	10
8	Effect of the Mechanical Alloying and Spark Plasma Sintering on Microstructure, Phase Composition and Chemical Elements Distribution of Nb-Si Based Composite. <i>Key Engineering Materials</i> , 0, 822, 617-627.	0.4	9
9	Morphology of High-Strength Heat-Resistant Steel Powder for Machines for Additive Production from Shavings. <i>Metal Science and Heat Treatment</i> , 2019, 60, 710-714.	0.6	7
10	Synthesis of the <i>In Situ</i> Nb-Si Composites by Binder Jetting Additive Manufacturing Technology. <i>Key Engineering Materials</i> , 0, 822, 311-319.	0.4	6
11	The Effect of Laser Power on the Microstructure of the Nb-Si Based <i>In Situ</i> Composite, Fabricated by Laser Metal Deposition. <i>Key Engineering Materials</i> , 2019, 822, 556-562.	0.4	5
12	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
13	Influence of the metal chips disintegration method on the physical and mechanical properties of metal powders obtained. <i>Vibroengineering PROCEDIA</i> , 2020, 32, 32-37.	0.5	3
14	Synthesis of the ZrB <sub>2</sub> -SiC ultra-high temperature ceramic powder by plasma spheroidization. , 2020, , .		0