

Evgenii Borisov

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

247
citations

1684188

5
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling microstructure evolution and phase transformation behavior in additive manufacturing of nitinol shape memory alloys by tuning hatch distance. <i>Journal of Materials Science</i> , 2022, 57, 6066-6084.	3.7	24
2	Additive manufacturing of functionally graded inconel 718: Effect of heat treatment and building orientation on microstructure and fatigue behaviour. <i>Journal of Materials Processing Technology</i> , 2022, 306, 117573.	6.3	23
3	Predictive analytical modelling and experimental validation of processing maps in additive manufacturing of nitinol alloys. <i>Additive Manufacturing</i> , 2021, 38, 101802.	3.0	27
4	Investigation of the Possibility of Tailoring the Chemical Com-Position of the NiTi Alloy by Selective Laser Melting. <i>Metals</i> , 2021, 11, 1470.	2.3	5
5	Effect of microstructure induced anisotropy on fatigue behaviour of functionally graded Inconel 718 fabricated by additive manufacturing. <i>Materials Characterization</i> , 2021, 179, 111350.	4.4	35
6	Surface Modification of Additively Manufactured Nitinol by Wet Chemical Etching. <i>Materials</i> , 2021, 14, 7683.	2.9	4
7	Investigation of accuracy, microstructure and properties of additive manufactured lattice structures. <i>Materials Today: Proceedings</i> , 2020, 30, 572-577.	1.8	6
8	Effect of Selective Laser Melting Process Parameters and Heat Treatment on Microstructure and Properties of Titanium Alloys Produced from Elemental Powders. <i>Key Engineering Materials</i> , 2019, 822, 549-555.	0.4	2
9	Producing hip implants of titanium alloys by additive manufacturing. <i>International Journal of Bioprinting</i> , 2016, 2, .	3.4	45
10	Microstructure and Mechanical Properties of Ti-6Al-4V Manufactured by SLM. <i>Key Engineering Materials</i> , 0, 651-653, 677-682.	0.4	56
11	Selective Laser Melting of Nanocomposite Ti-6Al-4V and TiC Powder. <i>Key Engineering Materials</i> , 0, 822, 575-579.	0.4	16
12	Formation of Structure in Titanium Lightweight Structures Made by Selective Laser Melting. <i>Materials Science Forum</i> , 0, 946, 990-995.	0.3	4
13	Evolution of the Lattice Structures Properties Manufactured by Selective Laser Melting and Subsequent Hot Isostatic Pressing. <i>Key Engineering Materials</i> , 0, 822, 569-574.	0.4	0