

Vladimir Buranich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5187258/publications.pdf>

Version: 2024-02-01

16
papers

141
citations

1307594

7
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial Effect of Au Implantation in Ductile Nanocomposite Multilayer (TiAlSiY)N/CrN Coatings. ACS Applied Materials & Interfaces, 2019, 11, 48540-48550.	8.0	36
2	Formation of Si-Rich Interfaces by Radiation-Induced Diffusion and Microsegregation in CrN/ZrN Nanolayer Coating. ACS Applied Materials & Interfaces, 2021, 13, 16928-16938.	8.0	21
3	Comparative measurements and analysis of the mechanical and electrical properties of Ti-Zr-C nanocomposite: Role of stoichiometry. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109223.	5.0	18
4	Effect of the PEN/C surface layer modification on the microstructure, mechanical and tribological properties of the 30CrMnSiA mild-carbon steel. Journal of Materials Research and Technology, 2020, 9, 291-300.	5.8	13
5	The cathodic electrolytic plasma hardening of the 20Cr2Ni4A chromium-nickel steel. Journal of Materials Research and Technology, 2020, 9, 6969-6976.	5.8	11
6	Investigation of AC Electrical Properties of MXene-PCL Nanocomposites for Application in Small and Medium Power Generation. Energies, 2021, 14, 7123.	3.1	11
7	Multilayer and high-entropy alloy-based protective coatings for solving the issue of critical raw materials in the aerospace industry. IOP Conference Series: Materials Science and Engineering, 2021, 1024, 012009.	0.6	7
8	Protective coatings with nanoscale multilayer architecture: current state and main trends. Physics-Uspexhi, 2021, 64, 253-279.	2.2	7
9	Mechanical and tribological characterization of nanostructured HfB ₂ films deposited from compound target. SN Applied Sciences, 2020, 2, 1.	2.9	6
10	Predicting the Properties of the Refractory High-Entropy Alloys for Additive Manufacturing-Based Fabrication and Mechatronic Applications. , 2020, , .		5
11	The Effect of Substrate Treatment on the Properties of TiAlSiYN/CrN Nanocomposite Coatings. Surfaces and Interfaces, 2022, 30, 101902.	3.0	3
12	Comparative Analysis of the Effect of RF and DC Magnetron Sputtering Parameters on the Structure Formation of Tantalum-Diboride Thin Films. Journal of Surface Investigation, 2018, 12, 544-548.	0.5	1
13	Effect of RF-magnetron Sputtering Parameters on the Structure of Hafnium Diboride Films. Journal of Nano- and Electronic Physics, 2018, 10, 03002-1-03002-5.	0.5	1
14	Effect of the Magnetron Sputtering Parameters on the Structure and Substructural Characteristics of Tantalum Diboride Films. Journal of Nano- and Electronic Physics, 2017, 9, 04014-1-04014-5.	0.5	1
15	Effect of magnetron sputtering (RF and DC) parameters on the TaB ₂ films structure. , 2016, , .		0
16	Effect of DC magnetron sputtering parameters on the structure, composition and tribological properties of tantalum diboride films. , 2017, , .		0