

Vasilina A Lapitskaya

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

140
citations

1478505

6
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of nitrogen on the morphology of ZrN coatings deposited by magnetron sputtering. Applied Surface Science, 2020, 522, 146508.	6.1	47
2	Graphene@Metal Nanocomposites by Solution Combustion Synthesis. Inorganic Chemistry, 2020, 59, 6550-6565.	4.0	24
3	Structure and Properties of ZrON Coatings Synthesized by Cathodic Arc Evaporation. Materials, 2021, 14, 1483.	2.9	14
4	Comparative Investigations of AlCrN Coatings Formed by Cathodic Arc Evaporation under Different Nitrogen Pressure or Arc Current. Materials, 2021, 14, 304.	2.9	12
5	WO ₃ @graphene-Cu nanocomposites for CO, NO ₂ and acetone gas sensors. Nano Structures Nano Objects, 2022, 29, 100824.	3.5	10
6	Nanomechanical and Nanotribological Properties of Nanostructured Coatings of Tantalum and Its Compounds on Steel Substrates. Nanomaterials, 2021, 11, 2407.	4.1	8
7	Effect of sp ³ →sp ² Transformation on the Wear Rate of the DLC Coating. Lubricants, 2022, 10, 85.	2.9	7
8	Dynamics of thermoelastic frictional wear of a coating with piezoelectric interlayer. MATEC Web of Conferences, 2018, 226, 03031.	0.2	4
9	Properties of CrSi ₂ Layers Obtained by Rapid Heat Treatment of Cr Film on Silicon. Nanomaterials, 2021, 11, 1734.	4.1	4
10	Effect of Metallic or Non-Metallic Element Addition on Surface Topography and Mechanical Properties of CrN Coatings. Nanomaterials, 2020, 10, 2361.	4.1	3
11	The use of AFM in assessing the crack resistance of silicon wafers of various orientations. Engineering Fracture Mechanics, 2021, , 107926.	4.3	2
12	Influence of polishing technique on crack resistance of quartz plates. International Journal of Fracture, 2021, 231, 61.	2.2	2
13	Nano-columnar, self-organised NiCrC/a-C:H thin films deposited by magnetron sputtering. Applied Surface Science, 2022, 591, 153134.	6.1	2
14	Thin composite polymethyl methacrylate films with silicon dioxide nanoparticles. Journal of the Belarusian State University Chemistry, 2021, , 36-49.	0.1	1
15	Effect of Atmosphere During Deposition on the Morphology, Mechanical Properties and Microfriction of Zr-Based Coatings. Advanced Structured Materials, 2022, , 271-319.	0.5	0