

Vasilina A Lapitskaya

List of Publications by Year in descending order

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15
papers

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1478505

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times ranked

120
citing authors

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