

Adam Rylski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

162
citations

8
h-index

12
g-index

34
ext. papers

193
ext. citations

2.5
avg, IF

2.9
L-index

#	Paper	IF	Citations
25	Amorphous carbon [Biomaterial for implant coatings. <i>Diamond and Related Materials</i> , 1994 , 3, 899-901	3.5	30
24	Photo-induced properties of thin TiO ₂ films deposited using the radio frequency plasma enhanced chemical vapor deposition method. <i>Thin Solid Films</i> , 2007 , 515, 5275-5281	2.2	22
23	The properties of carbon layers deposited onto titanium substrates. <i>Diamond and Related Materials</i> , 1996 , 5, 998-1001	3.5	21
22	The Effect of Addition of Nanoparticles, Especially ZrO ₂ -Based, on Tribological Behavior of Lubricants. <i>Lubricants</i> , 2020 , 8, 23	3.1	15
21	Cellulose Modification for Improved Compatibility with the Polymer Matrix: Mechanical Characterization of the Composite Material. <i>Materials</i> , 2020 , 13,	3.5	12
20	Oxidation resistance of refractory TiAlN coatings. <i>Surface and Coatings Technology</i> , 2007 , 201, 6167-6174	4.4	11
19	Graphite microregions effect upon the Si-diamond layer junction properties. <i>Diamond and Related Materials</i> , 1992 , 1, 588-593	3.5	10
18	New type AlMo-, AlTi- or Si-based magnetron sputtered protective coatings on metallic substrates. <i>Journal of Materials Processing Technology</i> , 2006 , 175, 427-432	5.3	8
17	Application of Time-of-Flight Secondary Ion Mass Spectrometry to study diamond-like carbon films. <i>Diamond and Related Materials</i> , 2007 , 16, 1312-1315	3.5	6
16	Structure of diamond polycrystalline films deposited on silicon substrates. <i>Vacuum</i> , 2010 , 85, 518-522	3.7	4
15	The effect of microstructure on interphase interaction in layered polycrystalline films of silver-nickel and silver-copper-nickel. <i>Journal of Materials Science</i> , 2000 , 35, 777-781	4.3	4
14	Modeling of Thermal Phenomena and Economic Aspect of Configuring Furnace Graphite Insulation. <i>Metal Science and Heat Treatment</i> , 2015 , 56, 685-689	0.6	3
13	Chemical analysis of interface area in DLC/Si systems. <i>Optical Materials</i> , 2008 , 30, 767-769	3.3	3
12	Modern refractory AlMo and AlMoSi coatings on steels with diffusion barrier. <i>Thin Solid Films</i> , 2004 , 459, 178-182	2.2	3
11	Modern Self-Lubricating Coatings for Automotive, Aviation and Spacecraft Industry. <i>Materials Science Forum</i> , 2014 , 782, 31-38	0.4	2
10	Semi-Automatic Apparatus for Measuring Wetting Properties at High Temperatures. <i>Metrology and Measurement Systems</i> , 2017 , 24, 175-184		1
9	Friction Resistance between Valve Made of TiAl Alloy and its Guide Made of Phosphor Bronze. <i>Applied Mechanics and Materials</i> , 2013 , 404, 220-227	0.3	1

8	Oxidation Resistance of Nanocrystalline Microalloyed TiAl Coatings under Isothermal Conditions and Thermal Fatigue. <i>Materials Science Forum</i> , 2006 , 513, 135-148	0.4	1
7	Research on Footwear Laces with Respect to Abrasion Resistance and Spontaneous Untying. <i>Fibres and Textiles in Eastern Europe</i> , 2020 , 28, 23-26	0.9	1
6	Examination of Wetting by Liquid Zinc of Steel Sheets Following Various Kinds of Abrasive Blasting. <i>Archives of Metallurgy and Materials</i> , 2016 , 61, 1069-1074		1
5	Investigation of tribological properties of lithium grease with SiO ₂ nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 551, 012012	0.4	1
4	Study on the Operating Conditions of Micropump Components. <i>Advanced Materials Research</i> , 2014 , 1051, 813-818	0.5	
3	Control for the Lift of the Inlet Valve - Electromagnetic Drive Assembly with the Effect of Friction. <i>Applied Mechanics and Materials</i> , 2013 , 389, 596-601	0.3	
2	Friction Issues over the Railway Wheels-Axis Assembly Motion. <i>Lubricants</i> , 2022 , 10, 26	3.1	
1	The Research on Characteristics of CI Engine Supplied with Biodiesels from Brown and Yellow Grease. <i>Energies</i> , 2022 , 15, 4083	3.1	