

Alexey M Mezrin

List of Publications by Year in descending order

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19
papers

95
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of sp ³ →sp ² Transformation on the Wear Rate of the DLC Coating. <i>Lubricants</i> , 2022, 10, 85.	2.9	7
2	Estimation of the Effect of Temperature and Microgeometry of the Counterbody Surface on Wear Resistance of Tread Rubber. <i>Journal of Friction and Wear</i> , 2019, 40, 315-320.	0.5	2
3	Modification of the Tribocouplings by Spraying Metal Coatings to Improve Their Fretting Resistance. <i>Journal of Friction and Wear</i> , 2018, 39, 299-303.	0.5	5
4	Studies on the Tribological Properties and Structure of Antifrictional Iron-Containing Aluminum Alloys. <i>Journal of Friction and Wear</i> , 2018, 39, 206-214.	0.5	11
5	Analysis of changes in the mechanical properties of the surface layers of aluminum alloys under the conditions of sliding friction. <i>Journal of Friction and Wear</i> , 2017, 38, 407-410.	0.5	3
6	Implementation of asymptotics of the wear contact problem solution for identifying the wear law based on the results of tribological tests. <i>Journal of Friction and Wear</i> , 2017, 38, 173-177.	0.5	3
7	Development of technique for evaluating the scoring resistance of aluminum alloys according to sclerometry results. <i>Journal of Machinery Manufacture and Reliability</i> , 2017, 46, 33-39.	0.5	1
8	Interfacial fracture of thin elastic layers due to cyclic load. <i>Procedia Structural Integrity</i> , 2016, 2, 3459-3466.	0.8	2
9	The complex express evaluation of tribotechnical properties of antifriction aluminum alloys by sclerometric tests. <i>Journal of Friction and Wear</i> , 2016, 37, 469-475.	0.5	7
10	Assessment of critical level of shear stresses in tribocouples of D ₂ O ₃ and metal details of ITER blanket modules. <i>Journal of Machinery Manufacture and Reliability</i> , 2016, 45, 522-530.	0.5	6
11	Investigation of the tribological properties of antifrictional aluminum alloys using sclerometry. <i>Journal of Friction and Wear</i> , 2015, 36, 103-111.	0.5	18
12	Implementation of a wear model of rigid bodies for identifying the wear law based on the results of tribological tests. <i>Journal of Friction and Wear</i> , 2015, 36, 528-533.	0.5	6
13	Comparative study of tribological behavior of thin coatings based on metal oxides at various scale levels. <i>Journal of Friction and Wear</i> , 2015, 36, 542-547.	0.5	0
14	Estimation of tribological characteristics of oxide thin films obtained from solutions of organic compounds. <i>Journal of Friction and Wear</i> , 2015, 36, 200-204.	0.5	0
15	Experimental study of the speed-dependence tribotechnical characteristics of some plasma-sprayed oxide coatings at elevated temperatures. <i>Journal of Friction and Wear</i> , 2014, 35, 194-200.	0.5	4
16	Mechanical and tribological properties of nanostructured coatings based on multicomponent oxides. <i>Journal of Friction and Wear</i> , 2013, 34, 99-106.	0.5	6
17	Tribological characteristics of epoxy carbon-fiber-reinforced plastics modified by solution of polytetrafluorethylene telomers. <i>Journal of Friction and Wear</i> , 2013, 34, 368-373.	0.5	2
18	Simulation of combined wearing of the shaft and bush in a heavily loaded sliding bearing. <i>Journal of Friction and Wear</i> , 2011, 32, 1-7.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Determining local wear equation based on friction and wear testing using a pin-on-disk scheme. Journal of Friction and Wear, 2009, 30, 242-245.	0.5	6