

Natalia Grishaeva

List of Publications by Year in descending order

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20
papers

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citations

1937685

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all docs

20
docs citations

20
times ranked

26
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Frictional Wear with Account of Temperature for Polymer Composites. Physical Mesomechanics, 2020, 23, 147-159.	1.9	20
2	A Unified Approach to Determining the Effective Physicomechanical Characteristics of Filled Polymer Composites Based on Variational Principles. Mechanics of Composite Materials, 2019, 54, 775-788.	1.4	14
3	Material Design Methodology for Optimized Wear-Resistant Thermoplastic Matrix Composites Based on Polyetheretherketone and Polyphenylene Sulfide. Materials, 2020, 13, 524.	2.9	9
4	Development of a Wear-Resistant Extrudable Composite Material Based on an Ultrahigh-Molecular Polyethylene with Predetermined Properties. Mechanics of Composite Materials, 2020, 56, 15-26.	1.4	8
5	Determination of the thermal conductivity coefficient of inhomogeneous media. , 2014, , .		3
6	DEVELOPMENT OF COMPUTATIONAL EXPERIMENTAL METHODS TO OPTIMIZE THE MECHANICAL CHARACTERISTICS OF HIGH-ENERGY FILLED POLYMER SYSTEMS. Composites: Mechanics, Computations, Applications, 2012, 3, 135-148.	0.3	2
7	The Effect of Anisotropy in Polymeric Matrices on Compositional Properties at Various Temperatures. Advanced Materials Research, 2014, 1040, 188-193.	0.3	1
8	Thermal properties simulation of multilayer pipe. , 2014, , .		1
9	Modeling of filled Polymeric Composite Materials in View of Structural Features. Procedia Engineering, 2015, 113, 474-478.	1.2	1
10	Comparative analysis of methods for determination of the thermal characteristics of filled polymer composites. AIP Conference Proceedings, 2016, , .	0.4	1
11	Design of composites with specified effective mechanical and thermophysical characteristics. , 2014, , .		0
12	Influence of porosity on thermophysical properties of a composite. AIP Conference Proceedings, 2015, , .	0.4	0
13	The comparison of calculated and experimental values of thermophysical properties of the filled material. AIP Conference Proceedings, 2015, , .	0.4	0
14	Microfiller influence on structure and properties of the composite. AIP Conference Proceedings, 2015, , .	0.4	0
15	Stress-strain state in "coating"substrate"system after coating stability loss induced by impact of thermal stresses. AIP Conference Proceedings, 2016, , .	0.4	0
16	Experimental-theoretical technique for design antifriction polyetheretherketone composites of optimum composition. AIP Conference Proceedings, 2018, , .	0.4	0
17	Simulation of friction wear of polymer composite materials. AIP Conference Proceedings, 2018, , .	0.4	0
18	Simulation of UHMWPE composites filled with preliminary mechanically activated PTFE particles. AIP Conference Proceedings, 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Experimental study and multilevel modeling of effective properties of polyphenylene sulfide based 3-component composites. AIP Conference Proceedings, 2019, , .	0.4	0
20	Content optimization of polyphenylene sulfide composites filled with carbon fibers of different size. AIP Conference Proceedings, 2019, , .	0.4	0