

Nikolay A Semenov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrorheological properties of polyimide nanoparticles suspensions. <i>Materials Today: Proceedings</i> , 2021, 34, 239-242.	1.8	3
2	Creating a New Elastomeric Material with a Polyimide Filler and Studying its Viscoelastic Properties under Applied External Electric Fields and Dynamic Loads. <i>Mechanics of Composite Materials</i> , 2021, 56, 825-832.	1.4	1
3	Generalized Einstein TM s and Brinkman TM s solutions for the effective viscosity of nanofluids. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	8
4	Electrorheological Behavior of Suspensions of Polyimide-Based on the Sodium Salt of 2,5-Diaminobenzenesulfonic Acid. <i>Polymers</i> , 2020, 12, 1015.	4.5	5
5	EXPERIMENTAL INVESTIGATION OF RICE HUSK ASH PARTICLES AS A REINFORCING FILLER FOR ELASTOMERIC COMPOSITES. <i>Composites: Mechanics, Computations, Applications</i> , 2018, 9, 283-295.	0.3	2
6	REINFORCEMENT EFFECTS IN SBR RUBBER/MODIFIED SHUNGITE NANOCOMPOSITES. <i>Nanoscience and Technology</i> , 2018, 9, 31-45.	1.8	0
7	Polyimides Exhibiting a Negative Electrorheological Response. <i>Russian Metallurgy (Metally)</i> , 2017, 2017, 1103-1108.	0.5	3
8	EXPERIMENTAL INVESTIGATION OF THE REINFORCING EFFECT OF ORGANOSILANE-MODIFIED NANODISPERSED MINERAL SHUNGITE IN ELASTOMERIC COMPOSITES. <i>Composites: Mechanics, Computations, Applications</i> , 2016, 7, 189-199.	0.3	1
9	ELECTRORHEOLOGICAL SUSPENSION WITH A NANOSIZED POLYMERIC DISPERSED PHASE SIGNIFICANCE AND ROLE OF DOUBLE DIELECTRIC LAYERS. <i>Composites: Mechanics, Computations, Applications</i> , 2015, 6, 75-86.	0.3	1
10	EFFECT OF TEMPERATURE ON THE ELECTRORHEOLOGICAL EFFECT. <i>Composites: Mechanics, Computations, Applications</i> , 2015, 6, 339-346.	0.3	0
11	MODELING THE STRESS-STRAIN BEHAVIOR OF SHUNGITE PARTICLE-FILLED RUBBERS. <i>International Journal of Nanomechanics Science and Technology</i> , 2015, 6, 261-280.	0.5	0
12	Quantum mechanics simulation and experimental study of adhesive interaction and aggregation of carbon-silicate nanoparticles TM reinforcing fillers of polymer composites. <i>Physical Mesomechanics</i> , 2014, 17, 39-49.	1.9	3
13	KINEMATIC MODEL OF THE RHEOLOGICAL BEHAVIOR OF NON-NEWTONIAN FLUIDS IN CONDITIONS OF NONSTATIONARY CYCLIC LOADING. <i>Composites: Mechanics, Computations, Applications</i> , 2012, 3, 331-345.	0.3	2
14	SMART MATERIALS WITH ELECTRICALLY CONTROLLED PROPERTIES. ELECTRORHEOLOGICAL SUSPENSIONS WITH A NANOSIZED POLYMERIC DISPERSED PHASE. PART 2. EXPERIMENTAL INVESTIGATION OF ELECTRORHEOLOGICAL SUSPENSIONS BASED ON POLYIMIDES. <i>International Journal of Nanomechanics Science and Technology</i> , 2012, 3, 239-281.	0.5	0