Nikolay A Semenov

List of Publications by Year
in descending order

14	29	2258059 3	2053705 5
papers	citations	h-index	g-index

14	14	14	21
all docs	docs citations	times ranked	citing authors

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