Nikolay Prikhodko

List of Publications by Year
in descending order

31	182	1307594 7	1199594 12
papers	citations	h-index	g-index

31	31	31	156
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recycling of Low-Density Polyethylene Waste for Synthesis of Carbon Nanotubes. Journal of Engineering Physics and Thermophysics, 2021, 94, 431-436.	0.6	7
2	Synthesis of graphene-like porous carbon from biomass for electrochemical energy storage applications. Diamond and Related Materials, 2021, 119, 108560.	3.9	27
3	Modified Activated Graphene-Based Carbon Electrodes from Rice Husk for Supercapacitor Applications. Energies, 2020, 13, 4943.	3.1	22
4	High-Efficiency Selective Solar Absorber from Nanostructured Carbonized Plant Raw Material. Journal of Engineering Physics and Thermophysics, 2020, 93, 1020-1029.	0.6	3
5	Synthesis of Carbon Nanotubes from Benzene in a Fluidised Bed Reactor. Eurasian Chemico-Technological Journal, 2020, 22, 235.	0.6	0
6	Synthesis of Carbon Nanotubes from High-Density Polyethylene Waste. Eurasian Chemico-Technological Journal, 2019, 21, 241.	0.6	5
7	Solution-Combustion Synthesis and Characterization of Fe3O4 Nanoparticles. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 195-197.	0.5	7
8	Influence of the Type of Catalysts on the Formation of a Superhydrophobic Carbon Nanomaterial in Hydrocarbon Flames. Journal of Engineering Physics and Thermophysics, 2018, 91, 774-783.	0.6	5
9	Synthesis of single-layer graphene in benzeneâ€“oxygen flame at low pressure. Combustion Science and Technology, 2018, 190, 1923-1934.	2.3	5
10	Temperature Dependent Characteristics of Activated Carbons from Walnut Shells for Improved Supercapacitor Performance. Eurasian Chemico-Technological Journal, 2018, 20, 99.	0.6	12
11	Self-Supporting Hybrid Supercapacitor Electrodes Based on Carbon Nanotube and Activated Carbons. Eurasian Chemico-Technological Journal, 2018, 20, 169.	0.6	3
12	Raman Characteristics of Multiwall Carbon Nanotubes on Diatomite. Eurasian Chemico-Technological Journal, 2018, , 319.	0.6	4
13	Obtaining of Magnetic Polymeric Fibers with Additives of Magnetite Nanoparticle. Procedia Manufacturing, 2017, 12, 28-32.	1.9	6
14	Highly Efficient Collectors of Solar Energy Using Nanocarbon Coatings Based on Vegetable Raw Materials. Procedia Manufacturing, 2017, 12, 1-6.	1.9	3
15	Obtaining Superhydrophobic Sand on the Basis of Soot Synthesized During Combustion of Oil Waste. Procedia Manufacturing, 2017, 12, 17-21.	1.9	1
16	Creating of Anti-icing Coatings Based on Nanoscale Powders of Silicon Dioxide Obtained from Silicone Waste. Procedia Manufacturing, 2017, 12, 22-27.	1.9	3
17	Comparative Investigation of the Efficiency of Absorption of Solar Energy by Carbon Composite Materials. Journal of Engineering Physics and Thermophysics, 2017, 90, 117-125.	0.6	2
18	Influence of Magnetite Nanoparticles on Mechanical and Shielding Properties of Concrete. Eurasian Chemico-Technological Journal, 2017, 19, 223.	0.6	9

#	Article	IF	Citations
19	Influence of Superhydrophobic Properties on Deicing. Journal of Engineering Physics and Thermophysics, 2016, 89, 1476-1481.	0.6	7
20	Smart electroconductive textile by catalytic deposition of carbon nanotubes onto glass cloth. International Journal of Self-Propagating High-Temperature Synthesis, 2016, 25, 173-176.	0.5	5
21	Fullerites and "Growth Structures" of Nanoobjects. Journal of Engineering Physics and Thermophysics, 2016, 89, 1034-1040.	0.6	4
22	Flame synthesis of graphene layers at low pressure. Russian Journal of Physical Chemistry B, 2015, 9, 743-747.	1.3	13
23	Synthesis of graphene films in a flame. Russian Journal of Physical Chemistry B, 2014, 8, 61-64.	1.3	6
24	Increase of the Power of Solar Elements Based on Nanoparticles of Nickel Oxides Synthesized in Flame. Advanced Materials Research, 2012, 486, 140-144.	0.3	2
25	Synthesis of fullerenes in hydrocarbon flames assisted by a glow discharge. Russian Journal of Physical Chemistry B, 2010, 4, 486-491.	1.3	2
26	Influence of the electric field on the soot formation in the flame at a low pressure. Journal of Engineering Physics and Thermophysics, 2010, 83, 171-178.	0.6	3
27	Structural, hydraulic, and filter characteristics of type fns porous sheets. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1986, 25, 236-241.	0.1	3
28	Pore-size distribution in porous materials from metallic gauzes. Soviet Powder Metallurgy and Metal Ceramics (English Translation of Poroshkovaya Metallurgiya), 1983, 22, 747-752.	0.1	3
29	Creation Based on Superhydrophobic Soot Waterproofing Materials Obtained in Flames. Advanced Materials Research, 0, 535-537, 1437-1440.	0.3	3
30	Synthesis of Porous Carbon Material and its Use for Growing Carbon Nanotubes. Materials Science Forum, 0, 886, 32-36.	0.3	4
31	Synthesis of Carbon Nanotubes from Polymer Waste. , 0, , .		3