Nikolay A Ogurtsov

List of Publications by Year
in descending order

29	745	840119 11	552369 26
papers	citations	h-index	g-index

29	29	29	919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and properties of coreâ€“shell halloysiteâ€“polyaniline nanocomposites. Applied Nanoscience (Switzerland), 2022, 12, 1285-1294.	1.6	5
2	The Impact of Interfacial Interactions on Structural, Electronic, and Sensing Properties of Poly(3â€methylthiophene) in Coreâ€Shell Nanocomposites. Application for Chemical Warfare Agent Simulants Detection. Macromolecular Materials and Engineering, 2022, 307, .	1.7	6
3	Thermosensitive ternary coreâ€“shell nanocomposites of polystyrene, poly(N-isopropylacrylamide) and polyaniline. Applied Nanoscience (Switzerland), 2020, 10, 4951-4964.	1.6	6
4	High effectiveness of pure polydopamine in extraction of uranium and plutonium from groundwater and seawater. RSC Advances, 2019, 9, 30052-30063.	1.7	11
5	Poly(vinylidene fluoride)/poly(3-methylthiophene) coreâ€“shell nanocomposites with improved structural and electronic properties of the conducting polymer component. Physical Chemistry Chemical Physics, 2018, 20, 6450-6461.	1.3	15
6	Polyaniline nanocomposites based sensor array for breath ammonia analysis. Portable e-nose approach to non-invasive diagnosis of chronic kidney disease. Sensors and Actuators B: Chemical, 2018, 274, 616-626.	4.0	72
7	Effect of the Dopant Anion and Oxidant on the Structure and Properties of Nanocomposites of Polypyrrole and Carbon Nanotubes. Theoretical and Experimental Chemistry, 2018, 54, 114-121.	0.2	8
8	Hybrid and Bio Nanocomposites for Ultrasensitive Ammonia Sensors. Proceedings (mdpi), 2017, 1, .	0.2	3
9	New nanocomposites of polystyrene with polyaniline doped with lauryl sulfuric acid. Nanoscale Research Letters, 2017, 12, 493.	3.1	11
10	Influence of Dispersed Nanoparticles on the Kinetics of Formation and Molecular Mass of Polyaniline. Journal of Physical Chemistry B, 2016, 120, 10106-10113.	1.2	7
11	The PANI-DBSA content and dispersing solvent as influencing parameters in sensing performances of TiO₂/PANI-DBSA hybrid nanocomposites to ammonia. RSC Advances, 2016, 6, 82625-82634.	1.7	11
12	Hybrid solar cell on a carbon fiber. Nanoscale Research Letters, 2016, 11, 265.	3.1	18
13	Evolution and Interdependence of Structure and Properties of Nanocomposites of Multiwall Carbon Nanotubes with Polyaniline. Journal of Physical Chemistry C, 2016, 120, 230-242.	1.5	35
14	Multifunctional Role of Nanostructured CdS Interfacial Layers in Hybrid Solar Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 752-758.	0.9	7
15	Effect of Multiwalled Carbon Nanotubes on the Kinetics of the Aniline Polymerization: The Semi-Quantitative OCP Approach. Journal of Physical Chemistry B, 2015, 119, 5055-5061.	1.2	9
16	Application of a CdS nanostructured layer in inverted solar cells. Journal Physics D: Applied Physics, 2013, 46, 495114.	1.3	7
17	Deep Impact of the Template on Molecular Weight, Structure, and Oxidation State of the Formed Polyaniline. Journal of Physical Chemistry B, 2013, 117, 5306-5314.	1.2	33
18	Tuning of the charge and energy transfer in ternary CdSe/poly(3-methylthiophene)/poly(3-hexylthiophene) nanocomposite system. Colloid and Polymer Science, 2012, 290, 1145-1156.	1.0	8

#	Article	IF	Citations
19	Synthesis and Properties of Hybrid Poly(3-Methylthiophene)-CdSe Nanocomposite and Estimation of Its Photovoltaic Ability. Molecular Crystals and Liquid Crystals, 2011, 536, 33/[265]-40/[272].	0.4	6
20	Electronic and optical features of N,Nâ€²-bis(4-aminophenyl)1,4-quinonenediimine doped with silicotungsten polyacid: Experimental and numerical studies. Chemical Physics Letters, 2010, 497, 76-80.	1.2	1
21	Ternary magnetic nanocomposites based on coreâ€“shell Fe₃O₄/polyaniline nanoparticles distributed in PVDF matrix. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 442-447.	0.8	17
22	Structure and properties of polymer core-shell systems: Helium ion microscopy and electrical conductivity studies. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C6P59-C6P65.	0.6	5
23	Probing of Charge and Energy Transfer in Hybrid Systems of Anilineâ€“3-Methylthiophene Copolymer with CdS and CdSe Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 14745-14753.	1.5	21
24	New Aspects of the Low-Concentrated Aniline Polymerization in the Solution and in SiC Nanocrystals Dispersion. Journal of Physical Chemistry B, 2007, 111, 2174-2180.	1.2	30
25	Protective properties of electrochemical polyaniline coatings on low-carbon steel. Russian Journal of Applied Chemistry, 2006, 79, 605-609.	0.1	3
26	Some aspects of preparation methods and properties of polyaniline blends and composites with organic polymers. Progress in Polymer Science, 2003, 28, 1701-1753.	11.8	390
27	Effect of polyelectrolyte swelling on electrical conductivity of polyaniline-polycaproamide composite films. Theoretical and Experimental Chemistry, 1998, 34, 14-18.	0.2	0
28	Determination of certain metallic impurities in the ditolylmethane coolant. Soviet Atomic Energy, 1985, 58, 423-426.	0.1	0
29	Acid number determined for ditolymethane coolant. Soviet Atomic Energy, 1983, 54, 358-359.	0.1	0