

Moseenkov Serg

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1322461/moseenkov-serg-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

1,504
citations

19
h-index

36
g-index

86
ext. papers

1,702
ext. citations

2.1
avg, IF

3.98
L-index

#	Paper	IF	Citations
78	A composite material with controllable electromagnetic characteristics for the terahertz frequency range. <i>Journal of Applied Physics</i> , 2022 , 131, 064103	2.5	1
77	Co/multi-walled carbon nanotubes/polyethylene composites for microwave absorption: Tuning the effectiveness of electromagnetic shielding by varying the components ratio. <i>Composites Science and Technology</i> , 2021 , 207, 108731	8.6	8
76	Calorimetric, NEXAFS and XPS studies of MWCNTs with low defectiveness. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021 , 29, 331-336	1.8	2
75	The morphology evolution of polyethylene produced in the presence of a Ziegler-type catalyst anchored on the surface of multi-walled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50528	2.9	1
74	Electrophysical Properties of Composites Based on Polyethylene Modified with Multi-Walled Carbon Nanotubes with High Content of FeCo-Catalyst. <i>Russian Journal of Applied Chemistry</i> , 2020 , 93, 586-594	0.8	1
73	Vacuum-tight ceramic composite materials based on alumina modified with multi-walled carbon nanotubes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 254, 114508	3.1	3
72	Structural and electromagnetic properties of Fe ₂ Co-multi-walled carbon nanotubes-polystyrene based composite. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156107	5.7	8
71	Chemical Vapor Deposition of Silicon Nanoparticles on the Surface of Multiwalled Carbon Nanotubes. <i>Journal of Structural Chemistry</i> , 2020 , 61, 617-627	0.9	2
70	Using Current-Voltage Characteristics to Control the Structure of Contacts in Polyethylene Based Composites Modified by Multiwalled Carbon Nanotubes. <i>Journal of Structural Chemistry</i> , 2020 , 61, 628-639	0.9	2
69	Effect of ultrasonic treatment on the properties of multiwalled carbon nanotubes/polymethylmethacrylate composites: Effect of applied voltage and pressure on conductivity of the composites. <i>EXPRESS Polymer Letters</i> , 2019 , 13, 1057-1070	3.4	3
68	Interaction of Multiwalled Carbon Nanotube Aerogels with Quasi-Optical Terahertz Beams. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1900251	1.3	1
67	Formation of Ziegler-type catalytic systems on the surface of multi-walled carbon nanotubes for the production of composite materials by in situ polymerization. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48212	2.9	3
66	The low-temperature specific heat of MWCNTs. <i>Low Temperature Physics</i> , 2019 , 45, 347-354	0.7	8
65	In situ Polymerization Technique for Obtaining Composite Materials Based on Polyethylene, Multi-walled Carbon Nanotubes and Cobalt Nanoparticles. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 127-135	0.8	10
64	Influence of Carbon Nanotube Spatial Distribution on Electromagnetic Properties of Nanotube/Polymer Composites. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700257	1.3	2
63	Electromagnetic Interaction Between Spherical Aerogels of Multi-Walled Carbon Nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700256	1.3	11
62	Structure of the in situ produced polyethylene based composites modified with multi-walled carbon nanotubes: In situ synchrotron X-ray diffraction and differential scanning calorimetry study. <i>Composites Science and Technology</i> , 2018 , 167, 148-154	8.6	19

61	Electromagnetic Parameters of Composite Materials Based on Polyethylene and Multi-Walled Carbon Nanotubes Modified by Iron Oxide Nanoparticles. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 1994-2002	0.8	4
60	The Usage of Conducting Wire Sphere Models for the Estimation of Electrophysical Properties of Multiwalled Carbon Nanotube Spherical Aerogels. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1800193	1.3	3
59	A model for catalytic synthesis of carbon nanotubes in a fluidized-bed reactor: Effect of reaction heat. <i>Chemical Engineering Journal</i> , 2017 , 329, 305-311	14.7	11
58	Terahertz dielectric properties of multiwalled carbon nanotube/polyethylene composites. <i>Materials Research Express</i> , 2017 , 4, 106201	1.7	18
57	Electrophysical Properties of Onion-Like Carbon. <i>Russian Physics Journal</i> , 2016 , 59, 171-176	0.7	1
56	Length-dependent broadband electric properties of PMMA composites filled with carbon nanotubes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016 , 213, 1025-1033	1.6	6
55	Modification of the surface of carbon fibers with multi-walled carbon nanotubes and its effect on mechanical characteristics of composites with epoxy resin. <i>Russian Journal of Applied Chemistry</i> , 2016 , 89, 1969-1977	0.8	2
54	Dielectric properties of onion-like carbon and detonation nanodiamond/polydimethylsiloxane composites. <i>Polymer Composites</i> , 2015 , 36, 2084-2092	3	9
53	Carbon nanotubes and carbon onions for modification of styreneacrylate copolymer nanocomposites. <i>Polymer Composites</i> , 2015 , 36, 1048-1054	3	5
52	Investigation of electromagnetic properties of MWCNT aerogels produced via catalytic ethylene decomposition. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2519-2523	1.3	17
51	Comparative study of multiwalled carbon nanotube/polyethylene composites produced via different techniques. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 2437-2443	1.3	15
50	Metal-insulator transition and size dependent electrical percolation in onion-like carbon/polydimethylsiloxane composites. <i>Journal of Applied Physics</i> , 2014 , 115, 213702	2.5	18
49	Research of Electromagnetic Properties of Composite Materials on the Basis of MWNTs in Microwave Range. <i>Advanced Materials Research</i> , 2014 , 1040, 142-147	0.5	
48	Raman spectra for characterization of defective CVD multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 2444-2450	1.3	56
47	Change in sizes of carbon aggregates and primary particles of the onion-like carbon synthesized by high-temperature annealing of nanodiamond. <i>Russian Chemical Bulletin</i> , 2014 , 63, 599-604	1.7	2
46	Laser modification of optical properties of a carbon nanotube suspension in dimethylformamide. <i>Technical Physics Letters</i> , 2013 , 39, 337-340	0.7	17
45	Immobilization of recombinant E. coli thermostable lipase by entrapment inside silica xerogel and nanocarbon-in-silica composites. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 98, 78-86		19
44	An investigation of electromagnetic response of composite polymer materials containing carbon nanostructures within the range of frequencies 10 MHz ÷ 1 THz. <i>Russian Physics Journal</i> , 2013 , 55, 970-976	0.7	20

43	Carbon-in-silica matrices for the preparation of heterogeneous biocatalysts: The synthesis of carbon nanofibers on a Ni/SiO ₂ catalyst and the characterization of the resulting adsorbents for the immobilization of thermostable lipase. <i>Kinetics and Catalysis</i> , 2013 , 54, 749-760	1.5	7
42	Characterization of aluminum-carbon composites obtained via mechanical activation of aluminum and carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 162-165	0.4	2
41	Current-conducting properties of paper consisting of multiwall carbon nanotubes. <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 116, 860-865	1	3
40	Recombinant strain producing thermostable lipase from <i>Thermomyces lanuginosus</i> immobilized into nanocarbon-in-silica matrices and properties of the prepared biocatalysts. <i>Applied Biochemistry and Microbiology</i> , 2013 , 49, 296-305	1.1	7
39	Broadband dielectric properties of onion-like carbon/polyurethane composites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013 , 210, 2683-2688	1.6	5
38	Raman Spectra for Characterization of Onion-Like Carbon. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 106-109	1.3	12
37	Immobilization of enzymatic active substances by immuring inside nanocarbon-in-silica composites. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 76, 116-124		8
36	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2012 , 54, 6-16	2	39
35	Terahertz transmission spectra of composite materials based on MWNT with different time of ultrasonic processing 2012 ,		2
34	Complex permittivity of polymer composites containing carbon nanostructures in frequency range 0.17 ÷ 1.1 THz 2012 ,		1
33	CNT/PMMA Electromagnetic Coating: Effect of Carbon Nanotube Diameter. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012 , 20, 527-530	1.8	3
32	Localization and electrical transport in onion-like carbon based composites. <i>Journal of Applied Physics</i> , 2012 , 111, 103701	2.5	7
31	Structure and Electrophysical Properties of Multiwalled Carbon Nanotube/Polymethylmethacrylate Composites Prepared via Coagulation Technique. <i>Nanoscience and Nanotechnology Letters</i> , 2011 , 3, 18-23	0.8	7
30	Hydroxylated Detonation Nanodiamond: FTIR, XPS, and NMR Studies. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 19005-19011	3.8	113
29	Laser-induced diamagnetism in suspension of onion-like carbon particles. <i>Technical Physics Letters</i> , 2011 , 37, 831-834	0.7	4
28	Comparative study of reflectance properties of nanodiamonds, onion-like carbon and multiwalled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2572-2576	1.3	14
27	Electrophysical and Electromagnetic Properties of Pure MWNTs and MWNT/PMMA Composite Materials Depending on Their Structure. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010 , 18, 505-515	1.8	18
26	Dielectric properties of a novel high absorbing onion-like-carbon based polymer composite. <i>Diamond and Related Materials</i> , 2010 , 19, 91-99	3.5	23

25	EPR Spectra of Nitrogen in Ultra-Dispersed Diamonds. <i>Applied Magnetic Resonance</i> , 2010 , 39, 295-302	0.8	2
24	Multi-walled carbon nanotubes with ppm level of impurities. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 2695-2699	1.3	41
23	Optical limiting and bleaching effects in a suspension of onion-like carbon. <i>Quantum Electronics</i> , 2009 , 39, 342-346	1.8	17
22	Onion-like carbon based polymer composite films in microwaves. <i>Solid State Sciences</i> , 2009 , 11, 1762-1767	3.4	14
21	Dielectric properties of onion-like carbon based polymer films: Experiment and modeling. <i>Solid State Sciences</i> , 2009 , 11, 1828-1832	3.4	9
20	Electromagnetic shielding properties of MWCNT/PMMA composites in Ka-band. <i>Physica Status Solidi (B): Basic Research</i> , 2009 , 246, 2662-2666	1.3	34
19	Dielectric properties of MWCNT based polymer composites close and below percolation threshold. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009 , 6, 2814-2816		5
18	Nano-scaled onion-like carbon: Prospective material for microwave coatings. <i>Metamaterials</i> , 2009 , 3, 148-156		22
17	Low-frequency (10 ⁵ 0 kHz) impedance of polystyrene-onion-like-carbon composites. <i>Technical Physics Letters</i> , 2009 , 35, 85-88	0.7	9
16	Photoinduced transparency of a suspension of onion-like carbon nanoparticles. <i>Technical Physics Letters</i> , 2009 , 35, 162-165	0.7	6
15	Influence of Humidity on Dielectric Properties of PMMA Nanocomposites Containing Onion-Like Carbon. <i>Ferroelectrics</i> , 2009 , 391, 131-138	0.6	2
14	High dielectric permittivity of percolative composites based on onion-like carbon. <i>Applied Physics Letters</i> , 2009 , 95, 112901	3.4	37
13	TEMPERATURE DEPENDENCIES OF CONDUCTIVITY OF MULTI-WALLED CARBON NANOTUBES AND ONION-LIKE CARBON IN DIFFERENT GASEOUS MEDIUM. <i>International Journal of Nanoscience</i> , 2009 , 08, 19-22	0.6	6
12	Colloidal stability of modified nanodiamond particles. <i>Diamond and Related Materials</i> , 2009 , 18, 620-626	3.5	196
11	Dielectric Response of Onion-Like Carbon-Based Polymethyl Methacrylate Composites. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2009 , 4, 261-266	1.3	2
10	Onion-Like Carbon in Microwaves: Electromagnetic Absorption Bands and Percolation Effect. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2009 , 4, 257-260	1.3	10
9	Terahertz probing of onion-like carbon-PMMA composite films. <i>Diamond and Related Materials</i> , 2008 , 17, 1608-1612	3.5	33
8	Onion-like carbon for terahertz electromagnetic shielding. <i>Diamond and Related Materials</i> , 2008 , 17, 462-466	3.5	51

7	Nanodiamond bioconjugate probes and their collection by electrophoresis. <i>Diamond and Related Materials</i> , 2008 , 17, 1858-1866	3.5	86
6	Detonation nanodiamond and onion-like carbon: applications in composites. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 2245-2251	1.6	46
5	Controllable electromagnetic response of onion-like carbon based materials. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2051-2054	1.3	28
4	Double layer supercapacitor properties of onion-like carbon materials. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2296-2299	1.3	91
3	Attenuation of electromagnetic waves in onion-like carbon composites. <i>Diamond and Related Materials</i> , 2007 , 16, 1231-1235	3.5	47
2	The Thermal Stability of Nanodiamond Surface Groups and Onset of Nanodiamond Graphitization. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006 , 14, 557-564	1.8	63
1	Properties of individual fractions of detonation nanodiamond. <i>Diamond and Related Materials</i> , 2006 , 15, 1804-1808	3.5	63