

matzui Kudmila

List of Publications by Year in Descending Order

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

71
papers

965
citations

16
h-index

29
g-index

78
ext. papers

1,159
ext. citations

1.8
avg, IF

4.29
L-index

#	Paper	IF	Citations
71	Microwave absorption in epoxy composites filled with MoS ₂ and carbon nanotubes. <i>Journal of Applied Physics</i> , 2022 , 131, 035103	2.5	0
70	Low-temperature magnetoresistance of multi-walled carbon nanotubes with perfect structure. <i>Low Temperature Physics</i> , 2022 , 48, 89-98	0.7	1
69	Electrical and electromagnetic interference shielding properties of GNP-NiFe hybrid composite with segregate structure of conductive networks. <i>Journal of Applied Physics</i> , 2022 , 131, 055110	2.5	0
68	Electromagnetic Properties of Carbon Nanotube/BaFeGaO/Epoxy Composites with Random and Oriented Filler Distributions. <i>Nanomaterials</i> , 2021 , 11,	5.4	19
67	Electrical and thermal properties of epoxy composites filled with carbon nanotubes and inorganic particles. <i>Molecular Crystals and Liquid Crystals</i> , 2021 , 717, 109-120	0.5	1
66	Intercalated multiwall carbon nanotubes with cobalt: structure and properties. <i>Molecular Crystals and Liquid Crystals</i> , 2021 , 718, 80-91	0.5	
65	Electrical properties of epoxy composites with carbon nanotubes, mixed with TiO ₂ or Fe particles. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 1827-1837	3.3	3
64	Complex permittivity of epoxy composites with carbon nanotubes and TiO ₂ in microwave range. <i>Molecular Crystals and Liquid Crystals</i> , 2021 , 717, 121-127	0.5	1
63	Polyethylene Composites with Segregated Carbon Nanotubes Network: Low Frequency Plasmons and High Electromagnetic Interference Shielding Efficiency. <i>Materials</i> , 2020 , 13,	3.5	13
62	Dielectric and microwave shielding properties of three-phase composites graphite nanoplatelets/carbonyl iron/epoxy resin. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 4781-4790	3.3	7
61	Effect of Ga content on magnetic properties of BaFe _{12-x} Ga _x O ₁₉ /epoxy composites. <i>Journal of Materials Science</i> , 2020 , 55, 9385-9395	4.3	34
60	Microwave properties of epoxy composites with mixed filler carbon nanotubes/BaTiO ₃ . <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 2759-2767	3.3	12
59	Impedance characterization and microwave permittivity of multi-walled carbon nanotubes/BaTiO ₃ /epoxy composites. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	2
58	Percolation characteristics of multi-polymer composites with different ratios of nanocarbon fillers. <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 699, 97-110	0.5	2
57	Electrodynamics properties of epoxy composites with mixed filler graphite nanoplatelets + TiO ₂ . <i>Molecular Crystals and Liquid Crystals</i> , 2020 , 700, 22-29	0.5	1
56	Electromagnetic shielding properties of epoxy composites with hybrid filler nanocarbon/BaTiO ₃ . <i>Materials Chemistry and Physics</i> , 2020 , 240, 122234	4.4	17
55	Complex permittivity of polymer-based composites with carbon nanotubes in microwave band. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 2691-2697	3.3	3

54	Polymer Nanocomposites with Hybrid Fillers as Materials with Controllable Electrodynamic Characteristics for Microwave Devices. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2019 , 91-112	0.2	1
53	The Effect of Ultraviolet Irradiation on the Electro-transport Properties of Carbon Nanotubes. <i>Springer Proceedings in Physics</i> , 2019 , 145-163	0.2	
52	Electrical and Thermal Conductivity of Ternary Composites Graphite Nanoplatelets/TiO ₂ /Epoxy. <i>Journal of Nano- and Electronic Physics</i> , 2019 , 11, 03007-1-03007-7	1.5	3
51	Functional Magnetic Composites Based on Hexaferrites: Correlation of the Composition, Magnetic and High-Frequency Properties. <i>Nanomaterials</i> , 2019 , 9,	5.4	75
50	High-frequency absorption properties of gallium weakly doped barium hexaferrites. <i>Philosophical Magazine</i> , 2019 , 99, 585-605	1.6	7
49	Control of electromagnetic properties in substituted M-type hexagonal ferrites. <i>Journal of Alloys and Compounds</i> , 2018 , 754, 247-256	5.7	118
48	Dielectric Properties and AC Conductivity of Epoxy/Hybrid Nanocarbon Filler Composites. <i>Springer Proceedings in Physics</i> , 2018 , 377-393	0.2	2
47	Dielectric properties of epoxy composites with mixed fillers including graphite nanoplatelets/BaTiO ₃ . <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 671, 67-77	0.5	4
46	Phase transitions in the graphite intercalation compound with bromine. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 672, 41-53	0.5	1
45	Influence type filler on tunnel conductivity in composites. <i>Molecular Crystals and Liquid Crystals</i> , 2018 , 674, 76-91	0.5	1
44	Magnetic anisotropy of the graphite nanoplatelet-epoxy and MWCNT-epoxy composites with aligned barium ferrite filler. <i>Journal of Materials Science</i> , 2017 , 52, 5345-5358	4.3	90
43	Microwave Properties of One-dimensional Photonic Structures Based on Composite Layers Filled with Nanocarbon. <i>Nanoscale Research Letters</i> , 2017 , 12, 269	5	4
42	Dielectric Properties of Nanocarbon Polymer Composites with Binary Filler. <i>Springer Proceedings in Physics</i> , 2017 , 855-871	0.2	1
41	Electrical Properties of Composite Materials with Electric Field-Assisted Alignment of Nanocarbon Fillers. <i>Nanoscale Research Letters</i> , 2017 , 12, 471	5	22
40	Semiconducting and Optical Properties of Compact Graphene-Like Nanoparticles of Molybdenum Disulfide. <i>Springer Proceedings in Physics</i> , 2017 , 845-854	0.2	
39	Peculiarities of Charge Transfer in Graphite Intercalation Compounds with Bromine and Iodine Chloride. <i>Springer Proceedings in Physics</i> , 2017 , 771-787	0.2	3
38	Effect of gallium doping on electromagnetic properties of barium hexaferrite. <i>Journal of Physics and Chemistry of Solids</i> , 2017 , 111, 142-152	3.9	86
37	Weak localization and interaction effects in acceptor graphite intercalation compounds. <i>Low Temperature Physics</i> , 2017 , 43, 703-707	0.7	3

36	Investigation into the structural features and microwave absorption of doped barium hexaferrites. <i>Dalton Transactions</i> , 2017 , 46, 9010-9021	4.3	106
35	Resistivity of Graphite Intercalation Compounds with Bromine and Aluminum Chloride under the Pressure. <i>Journal of Nano- and Electronic Physics</i> , 2017 , 9, 03002-1-03002-7	1.5	2
34	Effects of Dispersion and Ultraviolet/Ozonolysis Functionalization of Graphite Nanoplatelets on the Electrical Properties of Epoxy Nanocomposites. <i>Springer Proceedings in Physics</i> , 2016 , 477-491	0.2	9
33	Extraordinary synergy in the thermal and electric properties of polymer matrix reinforced with hybrid fillers. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016 , 47, 278-287	0.9	3
32	Optimization of multilayer electromagnetic shields: A genetic algorithm approach. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016 , 47, 263-271	0.9	6
31	Asymmetric magnetoresistance in the graphite intercalation compounds with cobalt. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 639, 137-150	0.5	5
30	The effect of graphite functionalization on electrical and shielding properties of epoxy composites. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 639, 94-104	0.5	1
29	Modeling of gradient composite structures for shielding of microwaves. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 639, 105-114	0.5	2
28	Conductive and Shielding Properties of MWCNTs/Polymer Nanocomposites with Aligned Filler Distribution. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2016 , 251-271	0.2	8
27	Dielectric properties of composite materials containing aligned carbon nanotubes. <i>Inorganic Materials</i> , 2016 , 52, 1198-1203	0.9	2
26	Electrodynamic properties of the nanocarbon/polymer composites with aligned by magnetic field secondary non-conductive component 2015 ,		3
25	Mechanical and electrical properties of the epoxy composites with graphite nanoplatelets and carbon nanotubes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 336-341	1.6	15
24	The effect of boron nitride on electrical conductivity of nanocarbon-polymer composites. <i>Journal of Materials Science</i> , 2014 , 49, 2098-2105	4.3	25
23	Development of carbon nanotube/polymer composites with oriented distribution of MWCNTs induced by electric field. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014 , 211, 2718-2722	1.6	11
22	Transport Properties of Epoxy-Binary Filler Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 589, 195-201	0.5	4
21	Electrical conductivity of epoxy resin filled with graphite nanoplatelets and boron nitride. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2013 , 44, 254-258	0.9	11
20	Structure-electrical resistivity relationship of N-doped multi-walled carbon nanotubes. <i>Journal of Materials Science</i> , 2012 , 47, 2390-2395	4.3	27
19	Magnetoresistance of nanocarbon materials based on carbon nanotubes. <i>Low Temperature Physics</i> , 2011 , 37, 819-823	0.7	11

18	The Effect of Filler Morphology and Distribution on Electrical and Shielding Properties of Graphite-Epoxy Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2011 , 535, 179-188	0.5	34
17	Thermo-Exfoliated Graphite Containing CuO/Cu ₂ (OH) ₃ NO ₃ :(Co ²⁺ /Fe ³⁺) Composites: Preparation, Characterization and Catalytic Performance in CO Conversion. <i>Materials</i> , 2010 , 3, 572-584	3.5	16
16	Structure and magnetic properties of multi-walled carbon nanotubes modified with iron. <i>Low Temperature Physics</i> , 2010 , 36, 1086-1090	0.7	23
15	Electromagnetic losses in carbon-Epoxy composites. <i>Materials Science and Engineering C</i> , 2007 , 27, 1007-1009	10	
14	Thermal characterization of expanded graphite and its composites. <i>Inorganic Materials</i> , 2007 , 43, 597-600	9	17
13	ELECTROPHYSICAL PROPERTIES OF THE NANOCARBON MATERIALS 2007 , 149-154		
12	Resistance of a Nanocarbon Material Containing Nanotubes. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 468, 289/[641]-297/[649]	0.5	14
11	Thermal stability of graphite-Cobalt nanocomposite materials. <i>Inorganic Materials</i> , 2006 , 42, 19-23	0.9	2
10	Fluid Dynamics in Subnanometer Channels of Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2005 , 13, 287-291	1.8	4
9	Transport Properties of Composites with Carbon Nanotube-Based Composites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2005 , 13, 259-265	1.8	26
8	Co Nanocomposite Materials. <i>Inorganic Materials</i> , 2003 , 39, 1147-1153	0.9	9
7	Thermopower of Pregraphitic Carbons. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 361-366		
6	Phonon Drag in GIC Based on Disordered Graphite. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 319-324		5
5	Thermal Desorption of Graphite Intercalated by SbCl ₅ . <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 313-318		
4	Thermodynamic Model of Thermoexfoliation. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 203-209		1
3	Investigation of the Thermoexfoliation Process in Different Acceptor GICs. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 340, 197-202		2
2	Microwave shielding and absorbing properties of single- and multilayered structures based on two-phase filler/epoxy composites. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	1
1	Peculiarities of phase transformations in graphite intercalation compounds with bromine. <i>Molecular Crystals and Liquid Crystals</i> , 1-7	0.5	

