Jan Macutkevic

List of Publications by Year in descending order

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190 papers	2,584 citations	230014 27 h-index	286692 43 g-index
193 all docs	193 docs citations	193 times ranked	2964 citing authors

#	Article	IF	Citations
1	Window tinting films for microwave absorption and terahertz applications. Journal of Applied Physics, 2022, 131, 025110.	1.1	0
2	Electrical Conductivity and Dielectric Relaxation in Ag1â^'xLixNbO3. Crystals, 2022, 12, 158.	1.0	7
3	Dielectric Properties of Hybrid Polyethylene Composites Containing Cobalt Nanoparticles and Carbon Nanotubes. Materials, 2022, 15, 1876.	1.3	4
4	Magnetoelectric coupling in nonsintered bulk BaTiO3 -- xCoFe2O4 multiferroic composites. Journal of Alloys and Compounds, 2022, 917, 165519.	2.8	10
5	Tannin-Based Resins for 3D printing of Porous Carbon Architectures. ACS Sustainable Chemistry and Engineering, 2022, 10, 7702-7711.	3.2	11
6	Dipolar glass state in BaCe0.3Ti0.7O3 perovskite solid solutions. Journal of Alloys and Compounds, 2021, 854, 155755.	2.8	6
7	Electrical features of ferroelectric (Ba0.83Ca0.17)TiO3 ceramics with diffused phase transition under pressure. Journal of Alloys and Compounds, 2021, 856, 158216.	2.8	8
8	Dielectric Relaxation Spectroscopy and Synergy Effects in Epoxy/MWCNT/Ni@C Composites. Nanomaterials, 2021, 11, 555.	1.9	6
9	Dielectric properties of polydimethylsiloxane composites filled with <scp>SrTiO₃</scp> nanoparticles. Polymer Composites, 2021, 42, 2982-2988.	2.3	12
10	Noise and Electrical Characteristics of Composites Filled with Onion-Like Carbon Nanoparticles. Polymers, 2021, 13, 997.	2.0	2
11	Dielectric properties and infrared spectra of Ag0Â·92Li0Â·08NbO3 ceramics. Solid State Communications, 2021, 332, 114338.	0.9	1
12	Fibers of Thermoplastic Copolyamides with Carbon Nanotubes for Electromagnetic Shielding Applications. Materials, 2021, 14, 5699.	1.3	4
13	0.7Pb(Mg1/3Nb2/3)O3-0.3PbTiO3 Phosphate Composites: Dielectric and Ferroelectric Properties. Materials, 2021, 14, 5065.	1.3	5
14	The Phosphate-Based Composite Materials Filled with Nano-Sized BaTiO3 and Fe3O4: Toward the Unfired Multiferroic Materials. Materials, 2021, 14, 133.	1.3	4
15	Synergy effects in dielectric and thermal properties of layered ethylene vinyl acetate composites with carbon and Fe 3 O 4 nanoparticles. Journal of Applied Polymer Science, 2020, 137, 48814.	1.3	7
16	Dielectric Properties and Electrical Percolation in MnFe 2 O 4 /Epoxy Resin Composites. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900526.	0.8	5
17	Electrical percolation and electromagnetic properties of polydimethylsiloxane composites filled with Ag nanoparticles of different sizes. Polymer Composites, 2020, 41, 4750-4756.	2.3	7
18	THz Spectroscopy as a Versatile Tool for Filler Distribution Diagnostics in Polymer Nanocomposites. Polymers, 2020, 12, 3037.	2.0	3

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19	Relationship between Viscosity, Microstructure and Electrical Conductivity in Copolyamide Hot Melt Adhesives Containing Carbon Nanotubes. Materials, 2020, 13, 4469.	1.3	3
20	Dielectric Relaxation in the Hybrid Epoxy/MWCNT/MnFe2O4 Composites. Polymers, 2020, 12, 697.	2.0	15
21	Percolation and Transport Properties in The Mechanically Deformed Composites Filled with Carbon Nanotubes. Applied Sciences (Switzerland), 2020, 10, 1315.	1.3	6
22	Crossover from Ferroelectric to Relaxor Behavior in Ba1â^'xCaxTiO3 (x = 0.17) System. Materials, 2020, 13, 2854.	1.3	8
23	Non-linear dielectric response of layered CuInP₂S₆ and Cu_{0.9}Ag_{0.1}InP₂S₆ crystals. Ferroelectrics, 2020, 569, 280-285.	0.3	8
24	Synergetic effect of triglycine sulfate and graphite nanoplatelets on dielectric and piezoelectric properties of epoxy resin composites. Polymer Composites, 2019, 40, E1181.	2.3	4
25	Electromagnetics of carbon: Nano versus micro. , 2019, , 191-204.		1
26	Dielectric Properties of Epoxy Resin Composites Based on Magnetic Nanoparticles. International Journal of Nanoscience, 2019, 18, 1940018.	0.4	2
27	Synergy Effects in Electromagnetic Properties of Phosphate Ceramics with Silicon Carbide Whiskers and Carbon Nanotubes. Applied Sciences (Switzerland), 2019, 9, 4388.	1.3	10
28	Dielectric Properties of Epoxy-Matrix Composites with Tungsten Disulfide Nanotubes. Journal of Nanomaterials, 2019, 2019, 1-8.	1.5	2
29	Broadband Dielectric Properties of Fe₂O₃Â·H₂O Nanorods/Epoxy Resin Composites. Journal of Nanomaterials, 2019, 2019, 1-8.	1.5	2
30	Broadband spectroscopy of Bi(Mn_{0.33}Nb_{0.67})O_{3.1}ceramics. Integrated Ferroelectrics, 2019, 196, 94-99.	0.3	5
31	Silicon carbide/phosphate ceramics composite for electromagnetic shielding applications: Whiskers vs particles. Applied Physics Letters, 2019, 114, 183105.	1.5	22
32	High Temperature Dielectric Properties of PMNâ€PSNâ€PZN Relaxors. Physica Status Solidi (B): Basic Research, 2019, 256, 1900050.	0.7	5
33	Low Frequency Noise and Resistivity Characteristics of Hybrid Composites with Onion-Like Carbon and Multi-Walled Carbon Nanotubes. Fluctuation and Noise Letters, 2019, 18, 1940009.	1.0	4
34	Electromagnetic Properties of Carbon Gels. Materials, 2019, 12, 4143.	1.3	6
35	Fine Tuning of Electrical Transport and Dielectric Properties of Epoxy/Carbon Nanotubes Composites via Magnesium Oxide Additives. Polymers, 2019, 11, 2044.	2.0	22
36	Distributions of relaxation times in relaxor ferroelectric Ba(Ti_{0.8}) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (Ce<sub>0.2<	0.3	9

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37	Sizeâ€Dependent Electrical and Thermal Properties of Onionâ€Like Carbons/Polyurethane Composites. Polymer Composites, 2018, 39, E1834.	2.3	6
38	Influence of carbon nanotube surface treatment on resistivity and lowâ€frequency noise characteristics of epoxyâ€based composites. Polymer Composites, 2018, 39, E1224.	2.3	4
39	Broadband dielectric and ultrasonic properties of WS 2 nanotubes/polyurethane composites. Polymer Composites, 2018, 39, 4477-4485.	2.3	2
40	Hotâ€melt adhesives based on coâ€polyamide and multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2018, 135, 45999.	1.3	10
41	High Frequency Ultrasonic and Photoacoustic Studies of Polymer Composites with Nanoinclusions. , 2018, , .		0
42	Structure and Electromagnetic Properties of Cellular Glassy Carbon Monoliths with Controlled Cell Size. Materials, 2018, 11, 709.	1.3	14
43	Carbon-Coated Nickel Nanoparticles: Effect on the Magnetic and Electric Properties of Composite Materials. Coatings, 2018, 8, 165.	1.2	7
44	Numerical Simulation of the Percolation Threshold in Non-Overlapping Ellipsoid Composites: Toward Bottom-Up Approach for Carbon Based Electromagnetic Components Realization. Applied Sciences (Switzerland), 2018, 8, 882.	1.3	10
45	Ultra-low percolation threshold in epoxy resinâ€“onion-like carbon composites. Applied Physics Letters, 2018, 113, .	1.5	13
46	General view of ferroelectrics. , 2018, , 5-33.		0
47	Resistivity and low-frequency noise characteristics of epoxy-carbon composites. Journal of Applied Physics, 2017, 121, .	1.1	3
48	Grain size effect in conductive phosphate / carbon nanotube ceramics. Ceramics International, 2017, 43, 4965-4969.	2.3	6
49	Low frequency noise spectroscopy of multi-walled carbon nanotubes composites. , 2017, , .		0
50	Electromagnetic properties of model vitreous carbon foams. Carbon, 2017, 122, 217-227.	5.4	77
51	Electromagnetic properties of carbon foams. , 2017, , .		1
52	BROADBAND ELECTRICAL PROPERTIES OF CARBON NANOTUBES-EPOXY RESIN COMPOSITES. , 2017, , 190-193.		0
53	Length-dependent broadband electric properties of PMMA composites filled with carbon nanotubes. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1025-1033.	0.8	7
54	Electromagnetic properties of graphene nanoplatelets/epoxy composites. Composites Science and Technology, 2016, 128, 75-83.	3.8	51

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55	Electrical properties analysis of materials with ferroic order. RSC Advances, 2016, 6, 21345-21346.	1.7	0
56	Ultrasonic and dielectric studies of polymer PDMS composites with ZnO and onion-like carbons nanoinclusions. IOP Conference Series: Materials Science and Engineering, 2015, 87, 012010.	0.3	2
57	ELECTROMAGNETIC PROPERTIES OF GRAPHENE NANOPLATELETS/EPOXY COMPOSITES IN THE WIDE TEMPERATURE RANGE. , 2015, , 233-235.		0
58	TERAHERTZ AND BROADBAND SPECTROSCOPY OF ONION-LIKE CARBON AND ITS COMPOSITES. , 2015, , 215-217.		0
59	Carbon nanotubes and carbon onions for modification of styreneâ€“acrylate copolymer nanocomposites. Polymer Composites, 2015, 36, 1048-1054.	2.3	6
60	Ultrasonic and dielectric relaxations in PDMS/ZnO nanocomposite. Physica Status Solidi (B): Basic Research, 2015, 252, 2778-2783.	0.7	14
61	Electrical conductivity of layered CuInP₂ (S _x Se₁) Tj ETQq1 1 0.784314 rgBT /Overloc 2015, 252, 1773-1777.	0.7	6
62	Dielectric Properties of NaNbO₃Ceramics. Ferroelectrics, 2015, 479, 48-55.	0.3	22
63	Dielectric Spectroscopy of Polymer Based PDMS Nanocomposites with ZnO Nanoparticles. Ferroelectrics, 2015, 479, 82-89.	0.3	17
64	Tannin-based carbon foams in microwave frequency range: Toward fully carbon photonic crystal. , 2015, , .		0
65	Dielectric investigations of polycrystalline samarium bismuth ferrite ceramic. Applied Physics Letters, 2015, 106, .	1.5	27
66	Phosphate ceramics â^' carbon nanotubes composites:liquid aluminum phosphate vs solid magnesium phosphate binder. Ceramics International, 2015, 41, 12147-12152.	2.3	28
67	Microwave Dielectric Properties of Tannin-Based Carbon Foams. Ferroelectrics, 2015, 479, 119-126.	0.3	13
68	Synergy effects in the electrical conductivity behavior of onion-like carbon and multiwalled carbon nanotubes composites. Physica Status Solidi (B): Basic Research, 2015, 252, 1799-1803.	0.7	10
69	Broadband Dielectric Spectroscopy of Composites Filled With Various Carbon Materials. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2024-2031.	2.9	14
70	Electromagnetic Characteristics of Thin Polyethylene-Carbon-Polyethylene Films. Russian Physics Journal, 2015, 58, 629-634.	0.2	0
71	Electromagnetic properties of periodic carbon architectures at high frequencies. , 2015, , .		2
72	Tannin-Based Carbon Foams for Electromagnetic Applications. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 989-995.	1.4	28

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73	Microstructure, elastic and electromagnetic properties of epoxy-graphite composites. AIP Advances, 2015, 5, .	0.6	18
74	Maxwellâ€“Wagner relaxation and anomalies of physical properties in Cu0.15Fe1.7PS3 mixed material. Journal of Alloys and Compounds, 2015, 650, 386-392.	2.8	4
75	Dielectric properties and electrical conductivity of flat micronic graphite/polyurethane composites. Journal of Nanophotonics, 2015, 10, 012511.	0.4	5
76	Dielectric properties of onion-like carbon and detonation nanodiamond/polydimethysiloxane composites. Polymer Composites, 2015, 36, 2084-2092.	2.3	10
77	Effects of sonochemical modification of carbon nanotubes on electrical and electromagnetic shielding properties of epoxy composites. Composites Science and Technology, 2015, 106, 85-92.	3.8	65
78	Crossover between ferroelectric order and dipolar glass disorder in betaine phosphate_{0.06}betaine phosphite_{0.94}mixed crystals. Lithuanian Journal of Physics, 2015, 55, .	0.1	2
79	Ultrasonic studies of onion-like carbons/polydimethysiloxane composites. , 2014, , .		0
80	Microwave response properties of epoxy resin composites filled with graphitic fillers. , 2014, , .		1
81	Dielectric properties of PMT-PT crystals. Journal of Applied Physics, 2014, 116, .	1.1	4
82	Comment on â€œOrder parameter and scaling behavior in BaZr_xTi_{1â€“}_xO₃ (0.3â€‰<â€‰â€‰xâ€‰<â€‰0.6) relaxor ferroelectricsâ€•[Appl. Phys. Lett. 103, 262905 (2013)]. Applied Physics Letters, 2014, 104, 156102.	3.3	1
83	Impedance Spectroscopy of (Pb0.5Na0.5)(Mn0.5Nb0.5)O3Ceramics. Ferroelectrics, 2014, 463, 40-47.	0.3	8
84	Dielectric properties of graphiteâ€based epoxy composites. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1623-1633.	0.8	32
85	Structure and dielectric properties of (1â^'x)Ag0.9Li0.1NbO3â€“(x)Bi0.5K0.5TiO3 ferroelectric ceramics. Ceramics International, 2014, 40, 9961-9969.	2.3	2
86	Dielectric properties of <mml:math altimg="si13.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	3.8	23
87	Dielectric Properties of 0.9Ag0.9Li0.1NbO3â€“ 0.1Bi0.5K0.5TiO3Ceramics. Ferroelectrics, 2014, 463, 99-104.	0.3	0
88	Metal-insulator transition and size dependent electrical percolation in onion-like carbon/polydimethylsiloxane composites. Journal of Applied Physics, 2014, 115, .	1.1	23
89	Heat-resistant unfired phosphate ceramics with carbon nanotubes for electromagnetic application. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2580-2585.	0.8	8
90	Ultrasonic Behavior Near Phase Transitions in (PbySn1â^'y)2P2S6Ferroelectric Materials. Ferroelectrics, 2014, 462, 87-96.	0.3	3

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91	Size effects in a relaxor: further insights into PMN. Journal of Physics Condensed Matter, 2014, 26, 272201.	0.7	4
92	Dielectric Properties of Polymer Composites with Carbon Nanotubes of Different Diameters. Journal of Nanoscience and Nanotechnology, 2014, 14, 5430-5434.	0.9	8
93	Electrical transport in carbon black-epoxy resin composites at different temperatures. Journal of Applied Physics, 2013, 114, .	1.1	28
94	Influence of carbon-nanotube diameters on composite dielectric properties. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2491-2498.	0.8	19
95	A study of random resistor-capacitor-diode networks to assess the electromagnetic properties of carbon nanotube filled polymers. Applied Physics Letters, 2013, 103, 243104.	1.5	18
96	Epoxy composites filled with high surface area-carbon fillers: Optimization of electromagnetic shielding, electrical, mechanical, and thermal properties. Journal of Applied Physics, 2013, 114, 164304.	1.1	71
97	Broadband dielectric/electric properties of epoxy thin films filled with multiwalled carbon nanotubes. Journal of Nanophotonics, 2013, 7, 073593.	0.4	28
98	Nanocarbon broadband analysis, temperature dependent dielectric properties and percolation thresholds. , 2013, , .		0
99	Anisotropy effects in thick layered CuInP₂S₆and CuInP₂Se₆crystals. Phase Transitions, 2013, 86, 878-885.	0.6	19
100	Comment on â€œGiant dielectric permittivity of detonation-produced nanodiamond is caused by waterâ€• by S. S. Batsanov, S. M. Gavrilkin, A. S. Batsanov, K. B. Poyarkov, I. I. Kulakova, D. W. Johnson and B. G. Mendis, J. Mater. Chem., 2012, 22, 11166. Journal of Materials Chemistry C, 2013, 1, 3255.	2.7	4
101	Synthesis and dielectric properties of Pb0.85Ba0.25Zr0.53Ti0.47O3compounds with nano-inclusions of Cu and Ni. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 640-645.	0.8	2
102	Epoxy Resin/Carbon Black Composites Below the Percolation Threshold. Journal of Nanoscience and Nanotechnology, 2013, 13, 5434-5439.	0.9	12
103	DIELECTRIC PROPERTIES OF ONION-LIKE CARBON COMPOSITES. , 2013, , .		0
104	DIELECTRIC PROPERTIES OF EPOXY RESIN COMPOSITES FILLED WITH NANOCARBON INCLUSIONS. , 2013, , .		0
105	Transport mechanisms and dielectric relaxation of epoxy nanocomposites in DC to microwave range. , 2013, , .		0
106	Carbon foams, nano-thin carbonaceous films and nanocarbon based polymer composites: Microwave applications. , 2013, , .		0
107	Broadband dielectric properties of onion-like carbon/polyurethane composites. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2683-2688.	0.8	6
108	Dielectric properties of annealed onion-like carbon composites in microwave region. Lithuanian Journal of Physics, 2013, 53, 238-243.	0.1	7

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109	Effect of annealing and biaxial deformation on the dielectric properties of composites of multiwall carbon nanotubes and poly(ethylene terephthalate). Journal of Nanophotonics, 2012, 6, 061708.	0.4	3
110	Localization and electrical transport in onion-like carbon based composites. Journal of Applied Physics, 2012, 111, 103701.	1.1	9
111	Phase diagram of mixed Cu(In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>1−</mml:mn></mml:msub></mml:math>x(CuGaSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>)x. Physical Review B, 2012, 85, .	1.1	13
112	Terahertz time domain spectroscopy of epoxy resin composite with various carbon inclusions. Chemical Physics, 2012, 404, 129-135.	0.9	22
113	Multi-walled carbon nanotubes/PMMA composites for THz applications. Diamond and Related Materials, 2012, 25, 13-18.	1.8	31
114	Highly porous conducting carbon foams for electromagnetic applications. , 2012, , .		7
115	Electromagnetic shielding efficiency in Ka-band: carbon foam versus epoxy/carbon nanotube composites. Journal of Nanophotonics, 2012, 6, 061715.	0.4	60
116	Antenna resonances in terahertz photoconductivity of single wall carbon nanotube fibers. Diamond and Related Materials, 2012, 27-28, 36-39.	1.8	6
117	Experimental evidence of localized plasmon resonance in composite materials containing single-wall carbon nanotubes. Physical Review B, 2012, 85, .	1.1	105
118	Carbon Onion Composites for EMC Applications. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 6-16.	1.4	44
119	Epoxy Resin/SWCNT Shielding Paint for Super-High-Frequency Range. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 81-86.	0.1	13
120	Phase transitions in CuBiP2Se6crystals. Phase Transitions, 2011, 84, 147-156.	0.6	9
121	Low frequency dielectric investigation of Rb0.5(ND4)0.5D2PO4dipolar glass: Comparison with nuclear magnetic resonance investigations. Journal of Applied Physics, 2011, 109, 114101.	1.1	3
122	Epoxy — Nano-carbon shielding coating for super-high-frequency range. , 2011, , .		0
123	Detection of colon cancer by terahertz techniques. , 2011, , .		13
124	Detection of colon cancer by terahertz techniques. Journal of Molecular Structure, 2011, 1006, 77-82.	1.8	163
125	Electromagnetic response of polymer composites with quasi-spherical nanocarbon inclusions: theory below the percolation threshold. Journal of Polymer Engineering, 2011, 31, .	0.6	0
126	Structure and Electrophysical Properties of Multiwalled Carbon Nanotube/Polymethylmethacrylate Composites Prepared via Coagulation Technique. Nanoscience and Nanotechnology Letters, 2011, 3, 18-23.	0.4	9

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127	Origin of polar nanoregions in relaxor ferroelectrics: Nonlinearity, discrete breather formation, and charge transfer. Physical Review B, 2011, 83, .	1.1	56
128	Microwave probing of nanocarbon based epoxy resin composite films: Toward electromagnetic shielding. Thin Solid Films, 2011, 519, 4114-4118.	0.8	80
129	Comment on â€œRevisit of the Vogelâ€“Fulcher freezing in lead magnesium niobate relaxorsâ€•[Appl. Phys. Lett. 97, 132905 (2010)]. Applied Physics Letters, 2011, 98, .	1.5	7
130	Publisherâ€™s Note: Origin of polar nanoregions in relaxor ferroelectrics: Nonlinearity, discrete breather formation, and charge transfer [Phys. Rev. B83, 184301 (2011)]. Physical Review B, 2011, 83, .	1.1	2
131	Comment on â€œRelaxor behavior and dielectric relaxation in Pb(Ba1/3Nb2/3)O3: A phase pure new relaxor materialâ€•[J. Appl. Phys. 109, 014114 (2011)]. Journal of Applied Physics, 2011, 109, .	1.1	1
132	Relaxor Behaviour and Soft Mode in 0.85Ag_{0.9}Li_{0.1}NbO₃â€“ 0.15Bi_{0.5}K_{0.5}TiO₃Ceramics. Ferroelectrics, 2011, 416, 72-77.	0.3	0
133	TERAHERTZ TIME DOMAIN SPECTROSCOPY OF CARBON NANOTUBES COMPOSITE. , 2011, , .		0
134	Broadband dielectric spectroscopy of PbMg1/3Nb2/3O3â€“PbSc1/2Nb1/2O3 ceramics. Journal of the European Ceramic Society, 2010, 30, 613-616.	2.8	6
135	Effect of thermal treatment conditions on the properties of onion-like carbon based polymer composite. Composites Science and Technology, 2010, 70, 2298-2303.	3.8	12
136	Dipolar glass phase in ferrielectrics: CuInP₂S₆ and Ag_{0.1}Cu_{0.9}InP₂S₆ crystals. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1960-1967.	0.8	34
137	Carbon onions for electromagnetic applications. , 2010, , .		1
138	Detection of colon and rectum cancers by terahertz techniques. , 2010, , .		3
139	Terahertz sensing with carbon nanotube layers coated on silica fibers: Carrier transport versus nanoantenna effects. Applied Physics Letters, 2010, 97, 073116.	1.5	10
140	Dielectric properties of a novel high absorbing onion-like-carbon based polymer composite. Diamond and Related Materials, 2010, 19, 91-99.	1.8	29
141	Effectiveness of microwave electromagnetic shielding in carbon based epoxy nanocomposites. , 2010, , .		0
142	Dielectric Spectroscopy of Relaxors and Dipolar Glasses. Ferroelectrics, 2010, 405, 3-12.	0.3	1
143	BROADBAND DIELECTRIC SPECTROSCOPY OF La1/3NbO3 CERAMICS. Integrated Ferroelectrics, 2009, 109, 55-60.	0.3	2
144	THz Emission from PZT Nanotubes. Ferroelectrics, 2009, 378, 79-83.	0.3	3

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145	Dielectric properties of onion-like carbon based polymer films: Experiment and modeling. Solid State Sciences, 2009, 11, 1828-1832.	1.5	13
146	Broadband dielectric spectroscopy of CuInP₂Se₆ crystals. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 167-172.	0.8	14
147	Electromagnetic shielding properties of MWCNT/PMMA composites in Kaâ€band. Physica Status Solidi (B): Basic Research, 2009, 246, 2662-2666.	0.7	39
148	Dielectric spectroscopy of CuBiP2S6 crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2734-2736.	0.8	0
149	Peculiarities of ionic transport in LLTO solid electrolytes. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2756-2758.	0.8	4
150	Distribution of relaxation times of relaxors: comparison with dipolar glasses. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2725-2730.	0.8	19
151	Dielectric properties of MWCNT based polymer composites close and below percolation threshold. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2814-2816.	0.8	5
152	Time-domain terahertz reflection and transmission spectroscopy of InSb. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2849-2851.	0.8	5
153	Influence of Humidity on Dielectric Properties of PMMA Nanocomposites Containing Onion-Like Carbon. Ferroelectrics, 2009, 391, 131-138.	0.3	3
154	THz REFLECTIVITY SPECTROSCOPY OF TUBULAR PZT NANOSTRUCTURES. Integrated Ferroelectrics, 2009, 106, 17-22.	0.3	0
155	High dielectric permittivity of percolative composites based on onion-like carbon. Applied Physics Letters, 2009, 95, 112901.	1.5	44
156	Dielectric Properties of New AgInP2Se6Crystals. Ferroelectrics, 2009, 391, 151-157.	0.3	3
157	Terahertz GaAs/AlGaAs- and InGaAs-based bow-tie diodes: Spectral features and applications for imaging. Journal of Physics: Conference Series, 2009, 193, 012077.	0.3	0
158	Dielectric Response of Onion-Like Carbon-Based Polymethyl Methacrylate Composites. Journal of Nanoelectronics and Optoelectronics, 2009, 4, 261-266.	0.1	3
159	Soft mode in PMNâ€“PSN ceramics. Physica Status Solidi (B): Basic Research, 2008, 245, 1206-1209.	0.7	4
160	Influence of small amount of CuInP2Se6 to conductivity of CuInP2S6 crystals. Solid State Ionics, 2008, 179, 79-81.	1.3	9
161	Terahertz Emission from Tubular Pb(Zr,Ti)O₃ Nanostructures. Nano Letters, 2008, 8, 4404-4409.	4.5	62
162	Terahertz probing of onion-like carbon-PMMA composite films. Diamond and Related Materials, 2008, 17, 1608-1612.	1.8	45

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163	Asymmetric phase diagram of mixed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuInP</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2008, 78, .	2.1	48
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