

Run-hua Fan

List of Publications by Year in descending order

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185
papers

8,923
citations

38720

50
h-index

49868

87
g-index

186
all docs

186
docs citations

186
times ranked

6013
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-frequency plasmonic state and tunable negative permittivity in percolative graphite / barium titanate composites. <i>Ceramics International</i> , 2022, 48, 832-836.	2.3	12
2	Synthesis of carbon/SiO ₂ core-sheath nanofibers with Co-Fe nanoparticles embedded in via electrospinning for high-performance microwave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 513-524.	9.9	89
3	Ultraweakly and fine-tunable negative permittivity of polyaniline/nickel metacomposites with high-frequency diamagnetic response. <i>Composites Science and Technology</i> , 2022, 217, 109092.	3.8	35
4	Metallic Ferromagnet of La _{0.5} Sr _{0.5} MnO ₃ with Negative Permittivity and Permeability. <i>Advanced Electronic Materials</i> , 2022, 8, 2101020.	2.6	7
5	Defect-induced insulator-metal transition and negative permittivity in La ₁ -Ba CoO ₃ perovskite structure. <i>Journal of Materials Science and Technology</i> , 2022, 112, 77-84.	5.6	38
6	Nickel/yttrium iron garnet metacomposites with adjustable negative permittivity behavior toward electromagnetic shielding application. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 155, 106842.	3.8	19
7	Flexible multi-walled carbon nanotubes/polyvinylidene fluoride membranous composites with weakly negative permittivity and low frequency dispersion. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 156, 106854.	3.8	34
8	Epsilon-negative behavior and its capacitance enhancement effect on trilayer-structured polyimide-silica/multiwalled carbon nanotubes/polyimide-polyimide composites. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4286-4294.	2.7	12
9	Facile and Efficient Negative Permittivity Realization of Copper Microwire Polymer Metacomposites at X-Band Frequency. <i>Journal of Electronic Materials</i> , 2022, 51, 2107-2113.	1.0	4
10	Two-dimensional Ti ₃ C ₂ T _x /carbonized wood metacomposites with weakly negative permittivity. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2369-2377.	9.9	24
11	Synergistic effect of dielectric resonance and plasma oscillation on negative permittivity behavior in La ₁ -Sr MnO ₃ single-phase ceramic. <i>Ceramics International</i> , 2022, 48, 8417-8422.	2.3	7
12	Negative permittivity behavior of carbon fibre/alumina ceramic composites prepared by hot-press sintering. <i>Ceramics International</i> , 2022, 48, 10031-10038.	2.3	14
13	Coassembly of elastomeric microfibers and silver nanowires for fabricating ultra-stretchable microtextiles with weakly and tunable negative permittivity. <i>Composites Science and Technology</i> , 2022, 223, 109415.	3.8	29
14	Dielectric enhancement effect in biomorphic porous carbon-based iron@iron carbide meta-powder™ for light-weight microwave absorption material design. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 3176-3189.	9.9	36
15	Recent advances in radio-frequency negative dielectric metamaterials by designing heterogeneous composites. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 679-695.	9.9	168
16	Concurrently Achieving High Discharged Energy Density and Efficiency in Composites by Introducing Ultralow Loadings of Core-Shell Structured Graphene@TiO ₂ Nanoboxes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29292-29301.	4.0	17
17	Epsilon-near-zero response derived from collective oscillation in the metacomposites with ultralow plasma frequency. <i>Composites Science and Technology</i> , 2022, 227, 109600.	3.8	20
18	Flexible and biocompatible poly (vinyl alcohol)/multi-walled carbon nanotubes hydrogels with epsilon-near-zero properties. <i>Journal of Materials Science and Technology</i> , 2022, 131, 91-99.	5.6	22

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19	Doped ceramics of indium oxides for negative permittivity materials in MHz-kHz frequency regions. <i>Journal of Materials Science and Technology</i> , 2021, 61, 125-131.	5.6	106
20	TiN/Al ₂ O ₃ binary ceramics for negative permittivity metacomposites at kHz frequencies. <i>Journal of Alloys and Compounds</i> , 2021, 855, 157499.	2.8	60
21	TiN/CaCu ₃ Ti ₄ O ₁₂ binary ceramics with tunable and weakly negative permittivity. <i>Materials Letters</i> , 2021, 283, 128824.	1.3	7
22	Recent developments on epoxy-based syntactic foams for deep sea exploration. <i>Journal of Materials Science</i> , 2021, 56, 2037-2076.	1.7	29
23	Significantly enhanced dielectric permittivity and low loss in epoxy composites incorporating 3d W-WO ₃ /BaTiO ₃ foams. <i>Journal of Materials Science</i> , 2021, 56, 4254-4265.	1.7	60
24	Low-frequency plasmonic state and negative permittivity in copper/titanium dioxide percolating composites. <i>Ceramics International</i> , 2021, 47, 2208-2213.	2.3	22
25	Optimizing the Soft Magnetic Properties of Mn-Zn Ferrite by a Proper Control of Sintering Process. <i>Journal of Electronic Materials</i> , 2021, 50, 1467-1473.	1.0	4
26	Carbon fiber skeleton/silver nanowires composites with tunable negative permittivity behavior. <i>EPJ Applied Metamaterials</i> , 2021, 8, 1.	0.8	3
27	Epsilon-Negative Carbon Aerogels with State Transition from Dielectric to Degenerate Semiconductor. <i>Advanced Electronic Materials</i> , 2021, 7, 2000877.	2.6	25
28	Epsilon-negative media from the viewpoint of materials science. <i>EPJ Applied Metamaterials</i> , 2021, 8, 11.	0.8	23
29	Hierarchically porous Co/C nanocomposites for ultralight high-performance microwave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 173-185.	9.9	356
30	Communication—Dielectric Dispersion of Chromium Carbide/Copper Calcium Titanate Metacomposites: Epsilon-Negative, Epsilon-Near-Zero, and Inductive Character. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 023006.	0.9	0
31	Communication—Modulation Mechanism of Epsilon-Negative and Epsilon-Near-Zero Behavior in Carbon Nanotube-Carbon Black/Copper Calcium Titanate Ternary Metacomposites. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 023007.	0.9	3
32	Tailorable epsilon-negative and epsilon-near-zero behavior of TiC/CCTO metacomposites: Low-frequency plasma oscillation. <i>Functional Materials Letters</i> , 2021, 14, 2150015.	0.7	1
33	Negative permittivity behavior in Ti ₃ AlC ₂ -polyimide composites and the regulation mechanism. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 10388-10397.	1.1	31
34	Improved breakdown strengths and energy storage properties of polyimide composites: The effect of internal interfaces of C/SiO ₂ hybrid nanoparticles. <i>Polymer Composites</i> , 2021, 42, 3000-3010.	2.3	50
35	Tailoring the electromagnetic properties of perovskite La _{0.7} Sr _{0.3} MnO ₃ ceramics by Co doping. <i>Journal of Materials Science</i> , 2021, 56, 10183-10190.	1.7	6
36	Percolated cermets of nickel/yttrium iron garnet for double negative metacomposites. <i>Composites Communications</i> , 2021, 24, 100667.	3.3	16

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37	Effect of spherical copper particle size on the negative permittivity behavior of copper/polypropylene composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 11588-11592.	1.1	1
38	Communication—Tunable Negative Permittivity of Ti ₃ SiC ₂ MAX Phase Granular Metacomposites. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 043002.	0.9	3
39	Tailorable negative permittivity of graphene-carbon nanotube/copper calcium titanate metacomposites. <i>Ceramics International</i> , 2021, 47, 9971-9978.	2.3	21
40	Effects of Voltage and Temperature on Photoelectric Properties of Rolled-Up Quantum Well Nanomembranes. <i>Journal of Electronic Materials</i> , 2021, 50, 3111-3115.	1.0	1
41	Iron/epoxy random metamaterials with adjustable epsilon-near-zero and epsilon-negative property. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15995-16007.	1.1	19
42	Spark plasma sintered GR-CNT/CaCu ₃ Ti ₄ O ₁₂ ceramic nanocomposites with tunable epsilon-negative and epsilon-near-zero property. <i>Ceramics International</i> , 2021, 47, 17345-17352.	2.3	13
43	Achieving Concurrent High Energy Density and Efficiency in All-Polymer Layered Paraelectric/Ferroelectric Composites via Introducing a Moderate Layer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27522-27532.	4.0	87
44	Improved magnetic properties of iron-based soft magnetic composites with a double phosphate-SiO ₂ shells structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21472-21482.	1.1	9
45	Weakly negative permittivity with an extremely low plasma frequency in polyvinyl alcohol/graphene membranous metacomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23081-23089.	1.1	5
46	Negative permittivity behavior in silver nanowire-assisted polyaniline metacomposites induced by the low-frequency plasmonic oscillation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26851-26856.	1.1	0
47	Negative permittivity behavior in carbon fibre/silicon nitride ceramic composites prepared by spark plasma sintering. <i>Ceramics International</i> , 2021, 47, 35201-35208.	2.3	14
48	Radio-frequency epsilon-negative property and diamagnetic response of percolative Ag/CCTO metacomposites. <i>Scripta Materialia</i> , 2021, 203, 114067.	2.6	33
49	Significantly enhanced high permittivity and negative permittivity in Ag/Al ₂ O ₃ /3D-BaTiO ₃ /epoxy metacomposites with unique hierarchical heterogeneous microstructures. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 149, 106559.	3.8	54
50	Tailorable high-k and negative-k percolation behaviors in PPy/P(VDF-HFP) composites. <i>Composites Communications</i> , 2021, 28, 100945.	3.3	11
51	Lightweight Fe ₃ C@Fe/C nanocomposites derived from wasted cornstalks with high-efficiency microwave absorption and ultrathin thickness. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1226-1238.	9.9	215
52	Negative permittivity in titanium nitride—alumina composite for functionalized structural ceramics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 403-411.	1.9	69
53	Low-loss and temperature-stable negative permittivity in La _{0.5} Sr _{0.5} MnO ₃ ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1917-1921.	2.8	38
54	Design and analysis of negative permittivity behaviors in barium titanate/nickel metacomposites. <i>Acta Materialia</i> , 2020, 185, 412-419.	3.8	154

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55	Epsilon-negative behavior of BaTiO ₃ /Ag metacomposites prepared by an in situ synthesis. <i>Ceramics International</i> , 2020, 46, 9342-9346.	2.3	28
56	Tunable negative permittivity behavior and electromagnetic shielding performance of silver/silicon nitride metacomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105753.	3.8	75
57	Flexible and transparent polymer/cellulose nanocrystal nanocomposites with high thermal conductivity for thermal management application. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48864.	1.3	13
58	Fine-tuning of negative permittivity behavior in amorphous carbon/alumina metacomposites. <i>Ceramics International</i> , 2020, 46, 8942-8948.	2.3	14
59	Radio-frequency negative permittivity of carbon nanotube/copper calcium titanate ceramic nanocomposites fabricated by spark plasma sintering. <i>Ceramics International</i> , 2020, 46, 2261-2267.	2.3	36
60	Two-dimensional Ti ₃ C ₂ T _x /poly(vinylidene fluoride) metacomposites with weakly negative permittivity. <i>Polymer Composites</i> , 2020, 41, 1820-1829.	2.3	6
61	Core-shell structured tungsten carbide / polypyrrole metacomposites with tailorable negative permittivity at the radio frequency. <i>Polymer</i> , 2020, 188, 122125.	1.8	13
62	Tunneling-induced negative permittivity in Ni/MnO nanocomposites by a bio-gel derived strategy. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3029-3039.	2.7	169
63	Direct Observation of Stable Negative Capacitance in SrTiO ₃ @BaTiO ₃ Heterostructure. <i>Advanced Electronic Materials</i> , 2020, 6, 1901005.	2.6	26
64	Flexible 2.5D Metamaterial with High Mechanical Bearing Capacity for Electromagnetic Interference Filters at Microwave Frequency. <i>Advanced Engineering Materials</i> , 2020, 22, 1901126.	1.6	7
65	In situ chemo-polymerized polypyrrole-coated filter paper for high-efficient solar vapor generation. <i>International Journal of Energy Research</i> , 2020, 44, 1191-1204.	2.2	22
66	Graphene-Carbon Black/CaCu ₃ Ti ₄ O ₁₂ Ternary Metacomposites toward a Tunable and Weakly μ -Negative Property at the Radio-Frequency Region. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23361-23367.	1.5	30
67	Negative dielectric permittivity and high-frequency diamagnetic responses of percolated nickel/rutile cermets. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 139, 106132.	3.8	32
68	Doping-dependent negative dielectric permittivity realized in mono-phase antimony tin oxide ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11610-11617.	2.7	43
69	Regulation mechanism of metal ions towards magnetic properties in Mn ^{1-x} Zn ^x Fe ₂ O ₄ . <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 22905-22911.	1.1	3
70	Simultaneous epsilon-negative and mu-negative property of Ni/CaCu ₃ Ti ₄ O ₁₂ metacomposites at radio-frequency region. <i>Journal of Alloys and Compounds</i> , 2020, 847, 156526.	2.8	25
71	Porous Fe@Fe ₃ O ₄ -C Nanocomposite Using Polyvinyl Alcohol Sponge as Template for Microwave Absorption. <i>Journal of Electronic Materials</i> , 2020, 49, 6394-6402.	1.0	9
72	Fabrication and Study on Thermal Conductivity, Electrical Properties, and Mechanical Properties of the Lightweight Carbon/Carbon Fiber Composite. <i>Journal of Chemistry</i> , 2020, 2020, 1-15.	0.9	1

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73	Compressible silver nanowires/polyurethane sponge metacomposites with weakly negative permittivity controlled by elastic deformation. <i>Journal of Materials Science</i> , 2020, 55, 15481-15492.	1.7	25
74	Polyvinyl alcohol/carbon fibers composites with tunable negative permittivity behavior. <i>Surfaces and Interfaces</i> , 2020, 21, 100735.	1.5	28
75	Weakly negative permittivity with frequency-independent behavior in flexible thermoplastic polyurethanes/multi-walled carbon nanotubes metacomposites. <i>Materials Today Communications</i> , 2020, 24, 101230.	0.9	7
76	Layer-structured BaTiO ₃ /P(VDF-HFP) composites with concurrently improved dielectric permittivity and breakdown strength toward capacitive energy-storage applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10257-10265.	2.7	91
77	Ultrahigh discharge efficiency and improved energy density in rationally designed bilayer polyetherimide/BaTiO ₃ /P(VDF-HFP) composites. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5750-5757.	5.2	170
78	Nitrogen-doped carbon nanofibers with sulfur heteroatoms for improving microwave absorption. <i>Journal of Materials Science</i> , 2020, 55, 5832-5842.	1.7	30
79	Flexible multi-walled carbon nanotubes/polydimethylsiloxane membranous composites toward high-permittivity performance. <i>Advanced Composites and Hybrid Materials</i> , 2020, 3, 1-7.	9.9	95
80	Epsilon-negative BaTiO ₃ /Cu composites with high thermal conductivity and yet low electrical conductivity. <i>Journal of Materiomics</i> , 2020, 6, 145-151.	2.8	58
81	Flexible silver nanowire/carbon fiber felt metacomposites with weakly negative permittivity behavior. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5114-5122.	1.3	103
82	Dielectric properties of Ag/paper-based metacomposite with sandwich-structure forward low dielectric loss in megahertz frequency range. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 4245-4252.	1.1	3
83	Tunable radio-frequency negative permittivity of Carbon/CaCu ₃ Ti ₄ O ₁₂ metacomposites. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155164.	2.8	30
84	Hydrosoluble Graphene/Polyvinyl Alcohol Membranous Composites with Negative Permittivity Behavior. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900709.	1.7	59
85	Communication—Tunable Epsilon-Negative Property in FeCrNi/CaCu ₃ Ti ₄ O ₁₂ Metacomposites. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 053003.	0.9	4
86	Communication—Tunable Epsilon-Negative Property of Nickel/Copper Calcium Titanate Cermets. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 123004.	0.9	4
87	Fabrication of Co/Al ₂ O ₃ Composite Nanofiber via Electrospinning with Tunable Magnetic Properties. <i>Fibers and Polymers</i> , 2020, 21, 2485-2493.	1.1	6
88	Core-Shell Structural Barium Ferrite/Polypyrrole Nanocomposites with Enhanced Microwave Absorption Properties. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2020, 15, 1312-1320.	0.1	5
89	Weakly negative permittivity and low frequency dispersive behavior in graphene/epoxy metacomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14745-14754.	1.1	40
90	Negative permittivity derived from inductive characteristic in the percolating Cu/EP metacomposites. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2463-2469.	5.6	59

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91	Preparation and Properties Characterization of Interpenetrating Polymer Networks/Organically Modified Montmorillonite/Scrap Leather Fibers Composites. <i>Fibers and Polymers</i> , 2019, 20, 1958-1968.	1.1	3
92	Facile Synthesis of Fe@Fe ₃ C/C Nanocomposites Derived from Bulrush for Excellent Electromagnetic Wave-Absorbing Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18765-18774.	3.2	90
93	Tunable Negative Permittivity in Flexible Graphene/PDMS Metacomposites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23635-23642.	1.5	178
94	Chiffon cake-derived hierarchically porous carbon with efficient microwave absorption properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19173-19181.	1.1	12
95	Tunable negative permittivity and magnetic performance of yttrium iron garnet/polypyrrole metacomposites at the RF frequency. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3160-3167.	2.7	82
96	Negative permittivity behavior in percolative molybdenum/alumina composites. <i>Ceramics International</i> , 2019, 45, 16618-16624.	2.3	12
97	Reverse design of negative permittivity property in Nickel-Network/Epoxy composites. <i>Materials Letters</i> , 2019, 248, 177-180.	1.3	4
98	Broadband microwave absorber constructed by reduced graphene oxide/La _{0.7} Sr _{0.3} MnO ₃ composites. <i>RSC Advances</i> , 2019, 9, 41817-41823.	1.7	13
99	Low-temperature sintering Graphene/CaCu ₃ Ti ₄ O ₁₂ nanocomposites with tunable negative permittivity. <i>Journal of Alloys and Compounds</i> , 2019, 771, 699-710.	2.8	73
100	Targeted Double Negative Properties in Silver/Silica Random Metamaterials by Precise Control of Microstructures. <i>Research</i> , 2019, 2019, 1-11.	2.8	30
101	Targeted Double Negative Properties in Silver/Silica Random Metamaterials by Precise Control of Microstructures. <i>Research</i> , 2019, 2019, 1021368.	2.8	118
102	Oxygen vacancy derived local build-in electric field in mesoporous hollow Co ₃ O ₄ microspheres promotes high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6967-6976.	5.2	242
103	Silica microsphere templated self-assembly of a three-dimensional carbon network with stable radio-frequency negative permittivity and low dielectric loss. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5239-5249.	2.7	143
104	An overview of metamaterials and their achievements in wireless power transfer. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2925-2943.	2.7	166
105	Functional nano-units prepared by electrostatic self-assembly for three-dimension carbon networks hosted in CaCu ₃ Ti ₄ O ₁₂ ceramics towards radio-frequency negative permittivity. <i>Journal of Alloys and Compounds</i> , 2018, 743, 618-625.	2.8	32
106	Tunable negative permittivity and permeability of yttrium iron garnet/polyaniline composites in radio frequency region. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6119-6124.	1.1	18
107	Metacomposites: functional design via titanium nitride/nickel(II) oxide composites towards tailorable negative dielectric properties at radio-frequency range. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5853-5861.	1.1	16
108	The negative permittivity behavior of carbon nanotubes/yttrium iron garnet composites in the radio frequency. <i>Materials Letters</i> , 2018, 213, 282-285.	1.3	3

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109	Carbon aerogels towards new candidates for double negative metamaterials of low density. Carbon, 2018, 129, 598-606.	5.4	105
110	Radio-frequency negative permittivity in the graphene/silicon nitride composites prepared by spark plasma sintering. Journal of the American Ceramic Society, 2018, 101, 1598-1606.	1.9	40
111	Strategy of adjusting negative permittivity with invariant permeability property in metallic granular percolating composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 1246-1253.	1.1	8
112	A plasmonic interfacial evaporator for high-efficiency solar vapor generation. Sustainable Energy and Fuels, 2018, 2, 2762-2769.	2.5	53
113	Copper Sulfide-Based Plasmonic Photothermal Membrane for High-Efficiency Solar Vapor Generation. ACS Applied Materials & Interfaces, 2018, 10, 35154-35163.	4.0	107
114	Low loading carbon nanotubes supported polypyrrole nano metacomposites with tailorable negative permittivity in radio frequency range. Organic Electronics, 2018, 63, 362-368.	1.4	12
115	Flexible acrylic-polyurethane/copper composites with a frequency and temperature-independent permittivity. Journal of Materials Science: Materials in Electronics, 2018, 29, 20832-20839.	1.1	7
116	Iron Granular Percolative Composites toward Radio-Frequency Negative Permittivity. ECS Journal of Solid State Science and Technology, 2018, 7, N132-N136.	0.9	4
117	Regulation mechanism of negative permittivity in poly (p-phenylene sulfide)/multiwall carbon nanotubes composites. Synthetic Metals, 2018, 244, 15-19.	2.1	17
118	Hollow nanoporous red phosphorus as an advanced anode for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 12992-12998.	5.2	36
119	Tunable and weakly negative permittivity at radio frequency range based on titanium nitride/polyethylene terephthalate composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 15994-16003.	1.1	10
120	Flexible Polyimide Nanocomposites with dc Bias Induced Excellent Dielectric Tunability and Unique Nonpercolative Negative- ϵ toward Intrinsic Metamaterials. ACS Applied Materials & Interfaces, 2018, 10, 26713-26722.	4.0	47
121	Negative permittivity behavior of titanium nitride/polyphenylene sulfide ϵ -metacomposites under radio frequency. Journal of Materials Science: Materials in Electronics, 2018, 29, 12144-12151.	1.1	9
122	Bio-gel derived nickel/carbon nanocomposites with enhanced microwave absorption. Journal of Materials Chemistry C, 2018, 6, 8812-8822.	2.7	301
123	Nanoporous Red Phosphorus on Reduced Graphene Oxide as Superior Anode for Sodium-Ion Batteries. ACS Nano, 2018, 12, 7380-7387.	7.3	120
124	Magnetic properties and special morphology of barium ferrite via electrospinning. Rare Metals, 2017, 36, 113-117.	3.6	4
125	Electromagnetic attenuation property of multiphase $\text{Fe}/\text{Fe}_3\text{O}_4/\text{Al}_2\text{O}_3$ cermets near percolation threshold. Rare Metals, 2017, 36, 42-45.	3.6	3
126	An impregnation-reduction method to prepare graphite nanosheet/alumina composites and its high-frequency dielectric properties. Rare Metals, 2017, 36, 205-208.	3.6	3

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127	Negative permittivity adjusted by SiO ₂ -coated metallic particles in percolative composites. Journal of Alloys and Compounds, 2017, 725, 1259-1263.	2.8	64
128	Significantly improved dielectric performances of sandwich-structured polymer composites induced by alternating positive-k and negative-k layers. Journal of Materials Chemistry A, 2017, 5, 14575-14582.	5.2	121
129	Dielectric and Magnetic Relaxation Behavior in Fe ₇₈ Si ₉ B ₁₃ /Polyaniline Composites at Radio-Frequency Range. ECS Journal of Solid State Science and Technology, 2017, 6, N87-N91.	0.9	0
130	Enhanced permittivity in flexible carbon-fiber and acrylic-polyurethane composites. Materials Letters, 2017, 205, 44-47.	1.3	13
131	Tunable Negative Permittivity with Fano-like Resonance and Magnetic Property in Percolative Silver/Yttrium Iron Garnet Nanocomposites. Journal of Physical Chemistry C, 2017, 121, 7564-7571.	1.5	75
132	Radio frequency negative permittivity in random carbon nanotubes/alumina nanocomposites. Nanoscale, 2017, 9, 5779-5787.	2.8	157
133	Regulation mechanism of negative permittivity in percolating composites via building blocks. Applied Physics Letters, 2017, 111, .	1.5	72
134	Tunable and weakly negative permittivity in carbon/silicon nitride composites with different carbonizing temperatures. Carbon, 2017, 125, 103-112.	5.4	199
135	Tailorable radio-frequency negative permittivity of titanium nitride sintered with different oxidation pretreatments. Ceramics International, 2017, 43, 16980-16985.	2.3	30
136	C/SiO ₂ meta-composite: Overcoming the ϵ''/ϵ' relationship limitation in metamaterials. Carbon, 2017, 125, 1-8.	5.4	90
137	Flexible polydimethylsiloxane/multi-walled carbon nanotubes membranous metacomposites with negative permittivity. Polymer, 2017, 125, 50-57.	1.8	379
138	Generation mechanism of negative permittivity and Kramers-Kronig relations in BaTiO ₃ /Y ₃ Fe ₅ O ₁₂ multiferroic composites. Journal of Physics Condensed Matter, 2017, 29, 365703.	0.7	31
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