

Xiaopeng Zhao

List of Publications by Year in descending order

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331
papers

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#	ARTICLE	IF	CITATIONS
1	Electrorheological Fluids of GO/Graphene-Based Nanoplates. <i>Materials</i> , 2022, 15, 311.	2.9	9
2	Critical Current Density and Meissner Effect of Smart Meta-Superconductor MgB ₂ and Bi(Pb)SrCaCuO. <i>Materials</i> , 2022, 15, 972.	2.9	3
3	Acoustic metamaterials and metasurfaces composed of meta-atoms and meta-molecules. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 253002.	2.8	4
4	Assessing the Acceptability of a Humanoid Robot for Alzheimer's Disease and Related Dementia Care Using an Online Survey. <i>International Journal of Social Robotics</i> , 2022, 14, 1223-1237.	4.6	10
5	Electrorheology and dielectric polarization of backbone, pendant and cross-linked poly(ionic liquid) microspheres with dual and mixed counterions. <i>Polymer</i> , 2022, , 124647.	3.8	6
6	Abnormal optical response of PAMAM dendrimer-based silver nanocomposite metamaterials. <i>Photonics Research</i> , 2022, 10, 965.	7.0	5
7	Sharpening Working Memory With Real-Time Electrophysiological Brain Signals: Which Neurofeedback Paradigms Work?. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 780817.	3.4	5
8	Detecting Alzheimer's Disease Using Natural Language Processing of Referential Communication Task Transcripts. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1385-1398.	2.6	13
9	Electro-responsive electrorheological effect and dielectric spectra analysis of topological self-crosslinked poly(ionic liquid)s. <i>European Polymer Journal</i> , 2022, 170, 111160.	5.4	5
10	Progress in Preparation of Sea Urchin-like Micro-/Nanoparticles. <i>Materials</i> , 2022, 15, 2846.	2.9	9
11	A novel high-gain omnidirectional antenna using near-zero-index metamaterials. <i>Microwave and Optical Technology Letters</i> , 2022, 64, 1280-1287.	1.4	1
12	Ultralow loss visible light metamaterials assembled by metaclusters. <i>Nanophotonics</i> , 2022, 11, 2953-2966.	6.0	6
13	Highly photoluminescent water-soluble ZnSe/ZnS/ZnS quantum dots via successive shell growth approach. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 13905-13912.	2.2	2
14	A simulated experiment to explore robotic dialogue strategies for people with dementia. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2022, 9, 205566832211057.	0.9	2
15	Polyelectrolyte-based electrorheological materials. <i>Polymer</i> , 2022, 254, 125042.	3.8	6
16	Robust valley transport of disordered topological waveguide in visible light waveband. <i>Physica B: Condensed Matter</i> , 2022, 642, 414132.	2.7	0
17	Memory-Related Frontal Brainwaves Predict Transition to Mild Cognitive Impairment in Healthy Older Individuals Five Years Before Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 531-541.	2.6	9

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19	Gauging Working Memory Capacity From Differential Resting Brain Oscillations in Older Individuals With A Wearable Device. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 625006.	3.4	8
20	Tunable topological valley transport in acoustic topological metamaterials. <i>Physica B: Condensed Matter</i> , 2021, 605, 412733.	2.7	13
21	Relationship between the TC of Smart Meta-Superconductor Bi(Pb)SrCaCuO and Inhomogeneous Phase Content. <i>Nanomaterials</i> , 2021, 11, 1061.	4.1	9
22	Design of Multifunctional Janus Metasurface Based on Subwavelength Grating. <i>Nanomaterials</i> , 2021, 11, 1034.	4.1	12
23	Understanding the enhanced electrorheological effect of reduced graphene oxide-supported polyaniline dielectric nanoplates by a comparative study with graphene oxide as the support core. <i>IET Nanodielectrics</i> , 2021, 4, 143-154.	4.1	10
24	Chirality-Assisted Aharonov-Andaman Geometric-Phase Metasurfaces for Spin-Decoupled Phase Modulation. <i>ACS Photonics</i> , 2021, 8, 1847-1855.	6.6	17
25	Ultrafast synthesis of anatase TiO ₂ microspheres doped with rare-earth by one-step microwave method. <i>Inorganic Chemistry Communication</i> , 2021, 127, 108532.	3.9	13
26	A Systematic Review of Robotic Rehabilitation for Cognitive Training. <i>Frontiers in Robotics and AI</i> , 2021, 8, 605715.	3.2	45
27	Reinforcing Increase of ^{99m} Tc in MgB ₂ Smart Meta-Superconductors by Adjusting the Concentration of Inhomogeneous Phases. <i>Materials</i> , 2021, 14, 3066.	2.9	6
28	Space-time decay of solutions to three-dimensional MHD equations with Hall and ion-slip effects. <i>Journal of Mathematical Physics</i> , 2021, 62, 061507.	1.1	3
29	High-gain omnidirectional patch antenna for conformal application based on near-zero-index metamaterials. <i>IET Microwaves, Antennas and Propagation</i> , 2021, 15, 1649-1656.	1.4	1
30	Giant topological luminophor with high-intensity luminescent performance. <i>Composites Part B: Engineering</i> , 2021, 217, 108863.	12.0	2
31	Preparation of Poly(Ionic Liquid) Microbeads via Cooling-Assisted Phase Separation Method. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2100275.	3.9	6
32	Old Is (Not) Gold: Midazolam Monotherapy versus Midazolam Plus Fentanyl for Sedation during Cardiac Catheterization. <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-6.	1.2	2
33	Influence of molecular weight on electro-responsive electrorheological effect of poly(ionic liquid)s: Rheology and dielectric spectroscopy analysis. <i>Polymer</i> , 2021, 234, 124241.	3.8	9
34	Learning-Based Strategy Design for Robot-Assisted Reminiscence Therapy Based on a Developed Model for People with Dementia. <i>Lecture Notes in Computer Science</i> , 2021, , 432-442.	1.3	2
35	Improved Electrorheological Polishing Property of Poly(Ionic Liquid)/Al ₂ O ₃ Composite Particles Prepared via Pickering Emulsion Polymerization. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5778-5787.	4.4	18
36	Social Robots for Older Adults with Dementia: A Narrative Review on Challenges & Future Directions. <i>Lecture Notes in Computer Science</i> , 2021, , 411-420.	1.3	8

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37	Global dynamics of solutions for a sixth-order parabolic equation describing continuum evolution of film-free surface. <i>Nonlinear Analysis: Modelling and Control</i> , 2021, 27, 19-37.	1.6	0
38	Omnidirectional broadband patch antenna with horizontal gain enhanced by epsilon-negative metamaterial superstrate. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 778-788.	1.4	9
39	Robust high-efficiency and broadband acoustic absorber based on meta-molecule cluster sets. <i>Applied Acoustics</i> , 2020, 170, 107517.	3.3	3
40	First-principles investigation of the superconducting properties of MgXB4 (X=Al, Li, Na, K). <i>Physica C: Superconductivity and Its Applications</i> , 2020, 577, 1353732.	1.2	2
41	Reconfigurable topological transition in acoustic metamaterials. <i>Physical Review B</i> , 2020, 102, .	3.2	16
42	Influence of geometry of mobile counterions on conductivity, polarization and electrorheological effect of polymeric anionic liquids at ice point temperature. <i>Polymer</i> , 2020, 205, 122826.	3.8	15
43	Global vs local control of cardiac alternans in a 1D numerical model of human ventricular tissue. <i>Chaos</i> , 2020, 30, 083123.	2.5	4
44	Transmission control of acoustic metasurface with dumbbell-shaped double-split hollow sphere. <i>Modern Physics Letters B</i> , 2020, 34, 2050386.	1.9	9
45	On Global Well-Posedness and Temporal Decay for 3D Magnetic Induction Equations with Hall Effect. <i>Mathematics</i> , 2020, 8, 1847.	2.2	0
46	A Class of Sixth Order Viscous Cahn-Hilliard Equation with Willmore Regularization in \mathbb{R}^3 . <i>Mathematics</i> , 2020, 8, 1865.	2.2	0
47	Dielectric Polarization and Electrorheological Response of Poly(ethylaniline)-Coated Reduced Graphene Oxide Nanoflakes with Different Reduction Degrees. <i>Polymers</i> , 2020, 12, 2528.	4.5	4
48	Broadband omnidirectional patch antenna with horizontal gain enhanced by near-zero-index metamaterial cover. <i>IET Microwaves, Antennas and Propagation</i> , 2020, 14, 671-676.	1.4	15
49	Metamaterial topological insulator in visible light band. <i>Physica B: Condensed Matter</i> , 2020, 593, 412334.	2.7	1
50	A Usability Study of Low-Cost Wireless Brain-Computer Interface for Cursor Control Using Online Linear Model. <i>IEEE Transactions on Human-Machine Systems</i> , 2020, 50, 287-297.	3.5	19
51	Nonmonotonic Influence of Size of Quaternary Ammonium Counterions on Micromorphology, Polarization, and Electroresponse of Anionic Poly(ionic liquid)s. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2920-2929.	2.6	25
52	Smart Metastructure Method for Increasing TC of Bi(Pb)SrCaCuO High-Temperature Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 3015-3025.	1.8	13
53	Influence of Tethered Ions on Electric Polarization and Electrorheological Property of Polymerized Ionic Liquids. <i>Molecules</i> , 2020, 25, 2896.	3.8	13
54	Broadband gradient phase discontinuity all-dielectric metasurface. <i>Modern Physics Letters B</i> , 2020, 34, 2050168.	1.9	1

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55	Quasi-Periodic Dendritic Metasurface for Integral Operation in Visible Light. <i>Molecules</i> , 2020, 25, 1664.	3.8	3
56	The Effect of Dielectric Polarization Rate Difference of Filler and Matrix on the Electrorheological Responses of Poly(ionic liquid)/Polyaniline Composite Particles. <i>Polymers</i> , 2020, 12, 703.	4.5	18
57	Tunable topological edge transport in acoustic meta-atoms. <i>Journal of Applied Physics</i> , 2020, 128, 234903.	2.5	4
58	Low-temperature Interfacial Polymerization and Enhanced Electro-responsive Characteristic of Poly(ionic liquid)s@polyaniline Core-shell Microspheres. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800351.	3.9	29
59	Smart meta-superconductor MgB ₂ constructed by the dopant phase of luminescent nanocomposite. <i>Scientific Reports</i> , 2019, 9, 14194.	3.3	8
60	Interfacial Polarization and Electroresponsive Electrorheological Effect of Anionic and Cationic Poly(ionic liquids). <i>ACS Applied Polymer Materials</i> , 2019, 1, 2862-2874.	4.4	27
61	Nano-topological luminophor Y ₂ O ₃ :Eu ³⁺ +Ag with concurrent photoluminescence and electroluminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20243-20252.	2.2	1
62	Brain connectivity evaluation during selective attention using EEG-based brain-computer interface. <i>Brain-Computer Interfaces</i> , 2019, 6, 25-35.	1.8	12
63	Ion transport, polarization and electro-responsive electrorheological effect of self-crosslinked poly(ionic liquid)s with different counterions. <i>Polymer</i> , 2019, 177, 149-159.	3.8	14
64	Mutual Inductance and Coupling Effects in Acoustic Resonant Unit Cells. <i>Materials</i> , 2019, 12, 1558.	2.9	9
65	Decoding Attentional State to Faces and Scenes Using EEG Brainwaves. <i>Complexity</i> , 2019, 2019, 1-10.	1.6	10
66	Visible Light Metasurfaces: Visible Light Metasurfaces Assembled by Quasiperiodic Dendritic Cluster Sets (Adv. Mater. Interfaces 4/2019). <i>Advanced Materials Interfaces</i> , 2019, 6, 1970027.	3.7	0
67	High-performance dendritic metamaterial absorber for broadband and near-meter wave radar. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	7
68	High-Efficiency and Wide-Angle Versatile Polarization Controller Based on Metagratings. <i>Materials</i> , 2019, 12, 623.	2.9	3
69	Topological Luminophor Y ₂ O ₃ :Eu ³⁺ +Ag with High Electroluminescence Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2328-2335.	8.0	19
70	A comprehensive review of EEG-based brain-computer interface paradigms. <i>Journal of Neural Engineering</i> , 2019, 16, 011001.	3.5	512
71	Visible Light Metasurfaces Assembled by Quasiperiodic Dendritic Cluster Sets. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801834.	3.7	8
72	Optimizing Prediction Model for a Noninvasive Brain-Computer Interface Platform Using Channel Selection, Classification, and Regression. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 2475-2482.	6.3	9

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73	The Effect of Inhomogeneous Phase on the Critical Temperature of Smart Meta-superconductor MgB ₂ . Journal of Superconductivity and Novel Magnetism, 2018, 31, 3175-3182.	1.8	10
74	Inhomogeneous Phase Effect of Smart Meta-Superconducting MgB_2 . Journal of Low Temperature Physics, 2018, 191, 217-227.	1.4	12
75	Sequence-based manipulation of robotic arm control in brain machine interface. International Journal of Intelligent Robotics and Applications, 2018, 2, 149-160.	2.8	4
76	Morphology-tailored synthesis and luminescent properties of Y ₂ O ₃ :Eu ³⁺ phosphors. Journal of Materials Science: Materials in Electronics, 2018, 29, 2841-2847.	2.2	5
77	Hydrolysis-resistant yttrium alkoxide rhombic dodecahedra prepared by a facile hydrothermal method. CrystEngComm, 2018, 20, 1189-1192.	2.6	0
78	Beam steering by using a gradient refractive index metamaterial planar lens and a gradient phase metasurface planar lens. Microwave and Optical Technology Letters, 2018, 60, 330-337.	1.4	14
79	Efficient ultrawideband linear polarization conversion metasurface based on \hat{I} -shaped. Modern Physics Letters B, 2018, 32, 1850027.	1.9	5
80	Metamaterials and metasurfaces for designing metadevices: Perfect absorbers and microstrip patch antennas. Chinese Physics B, 2018, 27, 117805.	1.4	3
81	Distinctly Different Electroresponsive Electrorheological Effect in Low-Molecular-Weight and Polymerized Ionic Liquids: Rheological and Dielectric Relaxation Studies. Journal of Physical Chemistry B, 2018, 122, 12184-12193.	2.6	21
82	Enhancing Electroresponsive Electrorheological Effect and Temperature Dependence of Poly(ionic liquid) Nanocomposites. Journal of Applied Polymer Science, 2018, 140, 46057.	3.5	32
83	Ultrafast Synthesis of Urchin-Like Rutile TiO ₂ by Single-Step Microwave-Assisted Method. Nanomaterials, 2018, 8, 630.	4.1	7
84	Tunable Acoustic Metasurface with High-Q Spectrum Splitting. Materials, 2018, 11, 1976.	2.9	16
85	Pickering emulsion polymerization of poly(ionic liquid)s encapsulated nano-SiO ₂ composite particles with enhanced electro-responsive characteristic. Polymer, 2018, 146, 109-119.	3.8	46
86	Circular-Polarization-Selective Transmission Induced by Spin-Orbit Coupling in a Helical Tape Waveguide. Physical Review Applied, 2018, 9, .	3.8	13
87	Human impact on the diversity and virulence of the ubiquitous zoonotic parasite <i>Toxoplasma gondii</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6956-E6963.	7.1	99
88	Broadband and high-efficiency transmissive-type nondispersive polarization conversion meta-device. Optical Materials Express, 2018, 8, 2430.	3.0	12
89	Plate-Focusing Based on a Meta-Molecule of Dendritic Structure in the Visible Frequency. Molecules, 2018, 23, 1323.	3.8	2
90	An Observation Data Driven Simulation and Analysis Framework for Early Stage <i>C. elegans</i> Embryogenesis. Journal of Biomedical Science and Engineering, 2018, 11, 225-234.	0.4	1

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91	Representation Learning Approaches to Detect False Arrhythmia Alarms from ECG Dynamics. Proceedings of Machine Learning Research, 2018, 85, 571-586.	0.3	6
92	Critical Temperature of Smart Meta-superconducting MgB ₂ . Journal of Superconductivity and Novel Magnetism, 2017, 30, 1405-1411.	1.8	17
93	Enhanced temperature effect of electrorheological fluid based on cross-linked poly(ionic liquid) particles: rheological and dielectric relaxation studies. Soft Matter, 2017, 13, 1027-1039.	2.7	43
94	Enhanced electrorheological performance and antisedimentation property of mesoporous anatase TiO ₂ shell prepared by hydrothermal process. Smart Materials and Structures, 2017, 26, 035036.	3.5	10
95	Influence of Side Chain Sizes on Dielectric and Electrorheological Responses of Poly(ionic liquid)s. Journal of Physical Chemistry B, 2017, 121, 6226-6237.	2.6	53
96	Dendritic-metasurface-based flexible broadband microwave absorbers. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	8
97	Electrically tunable metasurface based on Mie-type dielectric resonators. Scientific Reports, 2017, 7, 43026.	3.3	12
98	Broadband angle- and permittivity-insensitive nondispersive optical activity based on planar chiral metamaterials. Scientific Reports, 2017, 7, 10730.	3.3	11
99	New design of multi-band negative-index metamaterial and absorber at visible frequencies. Modern Physics Letters B, 2017, 31, 1750286.	1.9	6
100	Anomalous reflection focusing metasurface based on a dendritic structure. Physica B: Condensed Matter, 2017, 525, 127-132.	2.7	5
101	Brain computer interface for gesture control of a social robot: An offline study. , 2017, , .		12
102	The control of ultrasonic transmission by the metamaterials structure of electrorheological fluid and metal foam. Smart Materials and Structures, 2017, 26, 115006.	3.5	6
103	Linear polarization to left/right-handed circular polarization conversion using ultrathin planar chiral metamaterials. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	31
104	Influence of counterion type on dielectric and electrorheological responses of poly(ionic liquid)s. Polymer, 2017, 132, 273-285.	3.8	34
105	Facile hydrothermal synthesis for size-controlled YVO ₄ :Eu ³⁺ micro/nanosheets and its luminescence properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 9237-9244.	2.2	6
106	High-Q Fano Resonances in Asymmetric and Symmetric All-Dielectric Metasurfaces. Plasmonics, 2017, 12, 1431-1438.	3.4	13
107	Real-Time Brain Machine Interaction via Social Robot Gesture Control. , 2017, , .		4
108	Wet-Chemical Preparation of TiO ₂ -Based Composites with Different Morphologies and Photocatalytic Properties. Nanomaterials, 2017, 7, 310.	4.1	53

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109	Performing differential operation with a silver dendritic metasurface at visible wavelengths. <i>Optics Express</i> , 2017, 25, 26417.	3.4	27
110	Enhanced Stimuli-Responsive Electrorheological Property of Poly(ionic liquid)s-Capsulated Polyaniline Particles. <i>Polymers</i> , 2017, 9, 385.	4.5	24
111	Tuning Up the Old Brain with New Tricks: Attention Training via Neurofeedback. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 52.	3.4	40
112	Computational and Mathematical Methods in Cardiovascular Diseases. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-2.	1.3	3
113	Enhancing Electrorheological Properties of Titanate Nanoplates by Intercalating Polyaniline. <i>Current Smart Materials</i> , 2017, 2, .	0.5	0
114	In Silico Investigation into Cellular Mechanisms of Cardiac Alternans in Myocardial Ischemia. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-9.	1.3	30
115	Anomalous Manipulation of Acoustic Wavefront With an Ultrathin Planar Metasurface. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2016, 138, .	1.6	27
116	Special Issue on Biomedical Sensing, Dynamics, and Control for Diagnostics, Treatment, and Rehabilitation. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016, 138, .	1.6	0
117	Planar composite chiral metamaterial with broadband dispersionless polarization rotation and high transmission. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	9
118	Improving the Critical Temperature of MgB ₂ Superconducting Metamaterials Induced by Electroluminescence. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 1159-1162.	1.8	17
119	Hydrothermal synthesis of Y ₂ O ₃ :Eu ³⁺ nanorods and its growth mechanism and luminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 5628-5634.	2.2	19
120	Graphene-based terahertz metasurface with tunable spectrum splitting. <i>Optics Letters</i> , 2016, 41, 3799.	3.3	46
121	Ultrathin skin cloaks with metasurfaces for audible sound. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 225302.	2.8	36
122	Microwave-assisted synthesis and high-performance anhydrous electrorheological characteristic of monodisperse poly(ionic liquid) particles with different size of cation/anion parts. <i>Polymer</i> , 2016, 97, 408-417.	3.8	54
123	Highly stable nanofluid based on polyhedral oligomeric silsesquioxane-decorated graphene oxide nanosheets and its enhanced electro-responsive behavior. <i>Nanotechnology</i> , 2016, 27, 195702.	2.6	20
124	Soft and broadband infrared metamaterial absorber based on gold nanorod/liquid crystal hybrid with tunable total absorption. <i>Scientific Reports</i> , 2015, 5, 16698.	3.3	30
125	Discrimination of Mild Cognitive Impairment and Alzheimer's Disease Using Transfer Entropy Measures of Scalp EEG. <i>Journal of Healthcare Engineering</i> , 2015, 6, 55-70.	1.9	32
126	Characterizing Spatial Dynamics of Bifurcation to Alternans in Isolated Whole Rabbit Hearts Based on Alternate Pacing. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	9

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127	Facile preparation and fluorescence enhancement of mesoporous Eu-doped-Y ₂ O ₃ phosphors. Journal of Materials Science: Materials in Electronics, 2015, 26, 5970-5974.	2.2	10
128	A Real-Time Brainwave Based Neuro-Feedback System for Cognitive Enhancement. , 2015, , .		8
129	Ultrathin planar chiral metasurface for controlling gradient phase discontinuities of circularly polarized waves. Journal Physics D: Applied Physics, 2015, 48, 365301.	2.8	14
130	Dendritic wideband metamaterial absorber based on resistance film. Applied Physics A: Materials Science and Processing, 2015, 118, 1559-1563.	2.3	26
131	Sugihara causality analysis of scalp EEG for detection of early Alzheimer's disease. NeuroImage: Clinical, 2015, 7, 258-265.	2.7	58
132	ZnS porous fluorescent nanostructures synthesized by a soft template approach. Journal of Materials Science: Materials in Electronics, 2015, 26, 3324-3329.	2.2	6
133	Silicone-grafted carbonaceous nanotubes with enhanced dispersion stability and electrorheological efficiency. Nanotechnology, 2015, 26, 065704.	2.6	14
134	The anomalous manipulation of acoustic waves based on planar metasurface with split hollow sphere. Journal Physics D: Applied Physics, 2015, 48, 045303.	2.8	54
135	Sedimentation behaviour of hierarchical porous TiO ₂ microspheres electrorheological fluids. Journal of Intelligent Material Systems and Structures, 2015, 26, 1936-1944.	2.5	11
136	A Naked Eye Refractive Index Sensor with a Visible Multiple Peak Metamaterial Absorber. Sensors, 2015, 15, 7454-7461.	3.8	13
137	Graphene oxide vs. reduced graphene oxide as core substrate for core/shell-structured dielectric nanoplates with different electro-responsive characteristics. Journal of Materials Chemistry C, 2015, 3, 5098-5108.	5.5	37
138	Bimetallic core/shell nanoparticle-decorated 3D urchin-like hierarchical TiO ₂ nanostructures with magneto-responsive and decolorization characteristics. Nanoscale Research Letters, 2015, 10, 84.	5.7	5
139	Manipulation of transmitted wave front using ultrathin planar acoustic metasurfaces. Applied Physics A: Materials Science and Processing, 2015, 120, 1283-1289.	2.3	62
140	Reflected wavefronts modulation with acoustic metasurface based on double-split hollow sphere. Applied Physics A: Materials Science and Processing, 2015, 120, 487-493.	2.3	37
141	Agricultural landscape and spatial distribution of Toxoplasma gondii in rural environment: an agent-based model. International Journal of Health Geographics, 2014, 13, 45.	2.5	22
142	Resting State EEG Multiscale Entropy Dynamics in Mild Cognitive Impairment and Early Alzheimer's Disease. , 2014, , .		0
143	Meta-atom cluster acoustic metamaterial with broadband negative effective mass density. Journal of Applied Physics, 2014, 115, .	2.5	32
144	High-efficiency broadband and multiband cross-polarization conversion using chiral metamaterial. Journal Physics D: Applied Physics, 2014, 47, 505104.	2.8	75

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145	Perfect Absorber Metamaterial for Designing Low-RCS Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1473-1476.	4.0	119
146	Spectral and complexity analysis of scalp EEG characteristics for mild cognitive impairment and early Alzheimer's disease. Computer Methods and Programs in Biomedicine, 2014, 114, 153-163.	4.7	120
147	Review Article: The weak interactive characteristic of resonance cells and broadband effect of metamaterials. AIP Advances, 2014, 4, .	1.3	12
148	Preparation and enhanced electro-responsive characteristic of graphene/layered double-hydroxide composite dielectric nanoplates. Journal of Materials Chemistry C, 2014, 2, 10386-10394.	5.5	37
149	Electrically tunable negative refraction in core/shell-structured nanorod fluids. Soft Matter, 2014, 10, 7696-7704.	2.7	6
150	Microwave-synthesized poly(ionic liquid) particles: a new material with high electrorheological activity. Journal of Materials Chemistry A, 2014, 2, 9812-9819.	10.3	101
151	EEG multiscale entropy dynamics in mild cognitive impairment and early Alzheimer's disease. , 2014, , .		2
152	Effective Magnetic-Loop Array Antenna With Enhanced Gain in the Azimuth Plane. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1620-1623.	4.0	12
153	Enhanced dielectric polarization and electro-responsive characteristic of graphene oxide-wrapped titania microspheres. Nanotechnology, 2014, 25, 045702.	2.6	52
154	Controlled synthesis and optical properties of Au and Au@PS nanoparticles. Journal of Materials Science: Materials in Electronics, 2014, 25, 2522-2528.	2.2	2
155	Interoperable executive library for the simulation of biomedical processes. Journal of Computational and Applied Mathematics, 2014, 270, 257-274.	2.0	1
156	A visible metamaterial fabricated by self-assembly method. Scientific Reports, 2014, 4, 4713.	3.3	31
157	Preparation and enhanced electro-responsive characteristic of reduced graphene oxide/polypyrrole composite sheet suspensions. Soft Matter, 2013, 9, 7468.	2.7	68
158	Hollow TiO ₂ :Sm ³⁺ spheres with enhanced photoluminescence fabricated by a facile method using polystyrene as template. Journal of Materials Science, 2013, 48, 5483-5488.	3.7	13
159	Synthesis of thiol-stabilized monodispersed gold nanoclusters with narrow near-infrared fluorescence emission. Journal of Materials Science: Materials in Electronics, 2013, 24, 3490-3495.	2.2	7
160	Blue-green-red light left-handed metamaterials from disorder dendritic cells. Journal of Materials Science: Materials in Electronics, 2013, 24, 3330-3337.	2.2	4
161	Facile method to synthesise polystyrene/silver composite nanoparticles with core-shell structures. Journal of Materials Science: Materials in Electronics, 2013, 24, 2156-2160.	2.2	1
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