

Ke Bi

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.

154
papers

2,771
citations

26
h-index

46
g-index

163
ext. papers

3,451
ext. citations

4.5
avg, IF

5.56
L-index

#	Paper	IF	Citations
154	Dual-band piezoelectric artificial structure for very low frequency mechanical antenna. <i>Advanced Composites and Hybrid Materials</i> , 2022 , 5, 410	8.7	4
153	Phonon-phonon interaction assisted electron-hole recombination in WSe ₂ /hBN van der Waals heterostructure. <i>Journal of Applied Physics</i> , 2021 , 130, 205708	2.5	1
152	Extremely-Low Frequency Mechanical Antenna Based on Vibrating Permanent Magnet. <i>Engineered Science</i> , 2021 ,	3.8	3
151	Progress on material characterization methods under big data environment. <i>Advanced Composites and Hybrid Materials</i> , 2021 , 4, 235-247	8.7	4
150	Metamaterial mechanical antenna for very low frequency wireless communication. <i>Advanced Composites and Hybrid Materials</i> , 2021 , 4, 761-767	8.7	23
149	Broadband, High-Efficiency and Wide-Incident-Angle Anomalous Reflection in Groove Metagratings. <i>Annalen Der Physik</i> , 2021 , 533, 2100149	2.6	2
148	Flexible and Stretchable Capacitive Sensors with Different Microstructures. <i>Advanced Materials</i> , 2021 , 33, e2008267	24	25
147	Defect Engineering in Lead Zirconate Titanate Ferroelectric Ceramic for Enhanced Electromechanical Transducer Efficiency. <i>Advanced Functional Materials</i> , 2021 , 31, 2005012	15.6	24
146	All-Dielectric Metamaterial Fabrication Techniques. <i>Advanced Optical Materials</i> , 2021 , 9, 2001474	8.1	31
145	Progress on Very/Ultra Low Frequency Mechanical Antennas. <i>ES Materials & Manufacturing</i> , 2021 ,	3.7	2
144	Crystallization investigation of BaTiO ₃ coating layer on Ni nanoparticles. <i>Micro and Nano Letters</i> , 2021 , 16, 299-303	0.9	
143	Ferroelectric state and polarization switching behaviour of ultrafine BaTiO ₃ nanoparticles with large-scale size uniformity. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5267-5276	7.1	0
142	Excellent energy storage performance of NaNbO ₃ -based antiferroelectric ceramics with ultrafast charge/discharge rate. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 6465-6473	6	2
141	Novel Bi ₂ O ₃ -added Al ₂ Mo ₃ O ₁₂ composite microwave dielectric ceramics for ULTCC applications. <i>Journal of Alloys and Compounds</i> , 2020 , 823, 153867	5.7	6
140	Gradient design of ultrasmall dielectric nanofillers for PVDF-based high energy-density composite capacitors. <i>Materials and Design</i> , 2020 , 189, 108523	8.1	22
139	Enhanced dielectric properties and energy storage density of PVDF nanocomposites by co-loading of BaTiO ₃ and CoFe ₂ O ₄ nanoparticles. <i>Advanced Composites and Hybrid Materials</i> , 2020 , 3, 58-65	8.7	55
138	Recent progress on RF orbital angular momentum antennas. <i>Journal of Electromagnetic Waves and Applications</i> , 2020 , 34, 275-300	1.3	7

137	Flexible 2.5D Metamaterial with High Mechanical Bearing Capacity for Electromagnetic Interference Filters at Microwave Frequency. <i>Advanced Engineering Materials</i> , 2020 , 22, 1901126	3.5	2
136	Space charge regulated high-k polymer nanocomposite with a novel sandwich structure. <i>Composites Part B: Engineering</i> , 2020 , 203, 108461	10	3
135	All-Dielectric Transparent Metamaterial Absorber With Encapsulated Water. <i>IEEE Access</i> , 2020 , 8, 175998-176004	3.5	4
134	Dual-Band Microstrip Antenna Based on Polarization Conversion Metasurface Structure. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	2
133	Ensemble-machine-learning-based correlation analysis of internal and band characteristics of thermoelectric materials. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 13079-13089	7.1	3
132	Split-ring resonator-based compact microstrip antenna. <i>Modern Physics Letters B</i> , 2019 , 33, 1950043	1.6	1
131	Wideband slot-coupled dielectric resonator-based filter. <i>Journal of Alloys and Compounds</i> , 2019 , 785, 1264-1269	5.7	45
130	High-Throughput and Low-Cost Terahertz All-Dielectric Resonators Made of Polymer/Ceramic Composite Particles. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-8	1.8	6
129	Paper-based metasurface: Turning waste-paper into a solution for electromagnetic pollution. <i>Journal of Cleaner Production</i> , 2019 , 234, 588-596	10.3	44
128	Enhanced photocatalytic H ₂ evolution by plasmonic and piezotronic effects based on periodic Al/BaTiO ₃ heterostructures. <i>Nano Energy</i> , 2019 , 62, 513-520	17.1	79
127	Photoelectrochemical CO ₂ reduction by Cu ₂ O/Cu ₂ S hybrid catalyst immobilized in TiO ₂ nanocavity arrays. <i>Journal of Materials Science</i> , 2019 , 54, 10379-10388	4.3	13
126	Hierarchically Porous MgMn ₂ O ₄ Microspheres Assembled with Nanosheets as High Oxygen Reduction Catalyst. <i>Catalysis Letters</i> , 2019 , 149, 1903-1910	2.8	2
125	Highly Efficient Active All-Dielectric Metasurfaces Based on Hybrid Structures Integrated with Phase-Change Materials: From Terahertz to Optical Ranges. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14229-14238	9.5	18
124	High-Sensitivity Dielectric Resonator-Based Waveguide Sensor for Crack Detection on Metallic Surfaces. <i>IEEE Sensors Journal</i> , 2019 , 19, 5470-5474	4	18
123	Generation of Orbital Angular Momentum Beam With Circular Polarization Ceramic Antenna Array. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-8	1.8	10
122	A Dual-Band Microwave Filter Design for Modern Wireless Communication Systems. <i>IEEE Access</i> , 2019 , 7, 98786-98791	3.5	11
121	Dielectric Properties of Two-Dimensional Bi ₂ Se ₃ Hexagonal Nanoplates Modified PVDF Nanocomposites. <i>Advances in Polymer Technology</i> , 2019 , 2019, 1-8	1.9	2
120	Efficient dielectric metasurface hologram for visual-cryptographic image hiding. <i>Optics Express</i> , 2019 , 27, 19212-19217	3.3	15

119	2D optically controlled radio frequency orbital angular momentum beam steering system based on a dual-parallel Mach-Zehnder modulator. <i>Optics Letters</i> , 2019 , 44, 255-258	3	20
118	Experimental demonstration of ultra-large-scale terahertz all-dielectric metamaterials. <i>Photonics Research</i> , 2019 , 7, 457	6	72
117	A Small-Divergence-Angle Orbital Angular Momentum Metasurface Antenna. <i>Research</i> , 2019 , 2019, 9686283	6.283	25
116	Microwave Orbital Angular Momentum Beam Generation Based on Circularly Polarized Metasurface Antenna Array. <i>Engineered Science</i> , 2019 ,	3.8	5
115	Highly efficient manipulation of Laplace fields in film system with structured bilayer composite: erratum. <i>Optics Express</i> , 2019 , 27, 19633-19634	3.3	
114	Hydrothermal two-dimensionalisation to porous ZnCo ₂ O ₄ nanosheets non-platinum ORR catalyst. <i>Micro and Nano Letters</i> , 2019 , 14, 665-668	0.9	1
113	Effects of organic solvents on morphologies, photoluminescence, and photocatalytic properties of ZnO nanostructures. <i>Micro and Nano Letters</i> , 2019 , 14, 1146-1150	0.9	2
112	Large-scale uniform fabrication and morphology control of ultrafine perovskite nanocrystals. <i>Micro and Nano Letters</i> , 2019 , 14, 289-292	0.9	
111	Phase and Defect Engineering of MoS ₂ Stabilized in Periodic TiO ₂ Nanoporous Film for Enhanced Solar Water Splitting. <i>Advanced Optical Materials</i> , 2019 , 7, 1801403	8.1	21
110	Microstructure and microwave dielectric properties of Al ₂ O ₃ added Li ₂ ZnTi ₃ O ₈ ceramics. <i>Ceramics International</i> , 2018 , 44, 8928-8933	5.1	7
109	Orientalional Ag nanoparticle alignment from a facile "EG-sol" method. <i>Micro and Nano Letters</i> , 2018 , 13, 69-71	0.9	
108	Photocatalytic glycerol oxidation on AuCu ₂ S@TiO ₂ plasmonic heterostructures. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 22005-22012	13	22
107	Thermally tunable dielectric resonator filter. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 363-368	5.7	3
106	Ultrafine core-shell BaTiO ₃ @SiO ₂ structures for nanocomposite capacitors with high energy density. <i>Nano Energy</i> , 2018 , 51, 513-523	17.1	238
105	N, P-doped CoS ₂ Embedded in TiO ₂ Nanoporous Films for Zn-Air Batteries. <i>Advanced Functional Materials</i> , 2018 , 28, 1804540	15.6	73
104	Bandwidth Enhancement of Microstrip Patch Antenna Using Complementary Rhombus Resonator. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-8	1.9	6
103	Phase Structure and Photoluminescence of Pr ³⁺ Doped (K,Na)NbO ₃ -Based Multifunctional Ceramics. <i>Journal of Electronic Materials</i> , 2018 , 47, 6551-6556	1.9	3
102	Enhanced photoluminescence properties of SrTiO ₃ :Pr ³⁺ nanocrystals by the "EG-sol" method. <i>APL Materials</i> , 2018 , 6, 086102	5.7	6

101	Highly dispersive Ba _{0.6} Sr _{0.4} TiO ₃ nanoparticles modified P(VDF-HFP)/PMMA composite films with improved energy storage density and efficiency. <i>IET Nanodielectrics</i> , 2018 , 1, 60-66	2.8	30
100	Hollow-sphere SrTiO ₃ nanocube assemblies with enhanced room-temperature photoluminescence. <i>Materials and Design</i> , 2018 , 155, 257-263	8.1	10
99	Low-power nonlinear enhanced electromagnetic transmission of a subwavelength metallic aperture. <i>Photonics Research</i> , 2018 , 6, 1102	6	8
98	Novel Al ₂ Mo ₃ O ₁₂ -based temperature-stable microwave dielectric ceramics for LTCC applications. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11465-11470	7.1	25
97	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2494-2497	3.8	27
96	Polarization-multiplexed broadband hologram on all-dielectric metasurface. <i>Europhysics Letters</i> , 2018 , 124, 14003	1.6	6
95	Zn ₂ Air Batteries: N, P-doped CoS ₂ Embedded in TiO ₂ Nanoporous Films for Zn ₂ Air Batteries (Adv. Funct. Mater. 42/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870301	15.6	
94	Outstanding Photoluminescence in Pr-Doped Perovskite Ceramics. <i>Micromachines</i> , 2018 , 9,	3.3	2
93	Frequency tunable slot-coupled dielectric resonators antenna. <i>Journal of Alloys and Compounds</i> , 2017 , 702, 664-668	5.7	8
92	Thermally tunable slot-coupled dielectric resonator antenna. <i>AIP Advances</i> , 2017 , 7, 025106	1.5	3
91	Tungsten disulphide for ultrashort pulse generation in all-fiber lasers. <i>Nanoscale</i> , 2017 , 9, 5806-5811	7.7	171
90	Enhancement of electrostatic field by a metamaterial electrostatic concentrator. <i>Journal of Alloys and Compounds</i> , 2017 , 724, 1064-1069	5.7	4
89	Reduced graphene oxide-NiCo ₂ O ₄ nanoflowers as efficient electrocatalysts for the oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2017 , 720, 147-155	5.7	18
88	Effective method to identify and verify the Dirac-like point through finite photonic crystals with triangular lattice. <i>Europhysics Letters</i> , 2017 , 118, 14003	1.6	1
87	Manganese vanadium oxide hollow microspheres: a novel electrocatalyst for oxygen reduction reaction. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 1743-1749	2.6	5
86	New Route to Monodispersed Zinc Ferrite Nanoparticles and Its Excellent Oxygen Reduction Reaction Property. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 2917-2922	1.3	5
85	Particle size effect of BaTiO nanofillers on the energy storage performance of polymer nanocomposites. <i>Nanoscale</i> , 2017 , 9, 16386-16395	7.7	69
84	Nanosphere of Pb-modified bismuth-based borate photocatalysts. <i>Micro and Nano Letters</i> , 2017 , 12, 430-434	0.9	2

83	Bismuth Oxychloride Nanoplates Prepared by a Single-Source Organometallic Reactant Bismuth Hexafluoroacetylacetonate and Their Excellent Photocatalytic Performance. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 2601-605	1.3	1
82	Wideband terahertz absorber based on Mie resonance metasurface. <i>AIP Advances</i> , 2017 , 7, 115310	1.5	6
81	Multi-band terahertz metasurface absorber. <i>Modern Physics Letters B</i> , 2017 , 31, 1750354	1.6	13
80	High-efficiency polarization conversion phase gradient metasurface for wideband anomalous reflection. <i>Journal of Applied Physics</i> , 2017 , 122, 014501	2.5	17
79	Interface structure, precursor rheology and dielectric properties of BaTiO ₃ /PVDF/BiPb nanocomposite films prepared from colloidal perovskite nanoparticles. <i>RSC Advances</i> , 2017 , 7, 32886-32892	3.7	22
78	Significantly enhanced energy storage performance promoted by ultimate sized ferroelectric BaTiO ₃ fillers in nanocomposite films. <i>Nano Energy</i> , 2017 , 31, 49-56	17.1	252
77	A one-step way to novel carbon-niobium nitride nanoparticles for efficient oxygen reduction. <i>Journal of the American Ceramic Society</i> , 2017 , 100, 638-646	3.8	2
76	A Wideband F-Shaped Microstrip Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 829-832	3.8	15
75	Tunable silicon-based all-dielectric metamaterials with strontium titanate thin film in terahertz range. <i>Optics Express</i> , 2017 , 25, 22158-22163	3.3	25
74	Tunable artificial microwave blackbodies based on metasurfaces. <i>Optics Express</i> , 2017 , 25, 25879-25885	3.3	5
73	Flexible all-dielectric metamaterials in terahertz range based on ceramic microsphere/ PDMS composite. <i>Optics Express</i> , 2017 , 25, 29155	3.3	9
72	Broadband complementary ring-resonator based terahertz antenna. <i>Optics Express</i> , 2017 , 25, 17099-17104	3.3	15
71	Wideband metasurface filter based on complementary split-ring resonators. <i>Modern Physics Letters B</i> , 2017 , 31, 1750222	1.6	1
70	One-step hydrothermal route to synthesise Bi ₂ O ₃ /Bi ₂ O ₂ (Bi ₂ O ₃ OH) heterostructure with improved photocatalytic performance. <i>Micro and Nano Letters</i> , 2017 , 12, 944-948	0.9	1
69	A facile route to strontium titanate nanocubes/reduced graphene oxide nanocomposites and their enhanced adsorption and photocatalytic activity. <i>Materials Letters</i> , 2016 , 185, 36-39	3.3	3
68	Metamaterial perfect absorber based on artificial dielectric "atoms". <i>Optics Express</i> , 2016 , 24, 20454-60	3.3	47
67	A facile route to graphite-tungsten nitride and graphite-molybdenum nitride nanocomposites and their ORR performances. <i>Ceramics International</i> , 2016 , 42, 16017-16022	5.1	14
66	Synthesis of hollow porous ZnCo ₂ O ₄ microspheres as high-performance oxygen reduction reaction electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 13024-13031	6.7	22

65	A novel self-catalytic route to zinc stannate nanowires and cathodoluminescence and electrical transport properties of a single nanowire. <i>Journal of Alloys and Compounds</i> , 2016 , 657, 394-399	5-7	7
64	Microwave Bandpass Filter Based on Mie-Resonance Extraordinary Transmission. <i>PLoS ONE</i> , 2016 , 11, e0166696	3-7	
63	Highly efficient manipulation of Laplace fields in film system with structured bilayer composite. <i>Optics Express</i> , 2016 , 24, 29537-29546	3-3	5
62	Bifunctional metamaterials with simultaneous and independent manipulation of thermal and electric fields. <i>Optics Express</i> , 2016 , 24, 23072-23080	3-3	20
61	Giant magnetoelectric effect in negative magnetostrictive/piezoelectric/positive magnetostrictive semiring structure. <i>Journal of Applied Physics</i> , 2016 , 119, 034102	2-5	16
60	Magnetically tunable metamaterial perfect absorber. <i>Journal of Applied Physics</i> , 2016 , 119, 244504	2-5	44
59	Dual band metamaterial perfect absorber based on Mie resonances. <i>Applied Physics Letters</i> , 2016 , 109, 062902	3-4	46
58	Thermally tunable enhanced transmission of microwaves through a subwavelength aperture by a dielectric metamaterial resonator. <i>Applied Physics Letters</i> , 2016 , 108, 051906	3-4	8
57	Achieving bifunctional cloak via combination of passive and active schemes. <i>Applied Physics Letters</i> , 2016 , 109, 201903	3-4	17
56	Highly selective growth of TiO ₂ nanoparticles on one tip of CdS nanowires. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 1004-1008	5-7	2
55	Controlled fabrication of BiGaOOH with a novel needle-like submicron tubular structure and its enhanced photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2015 , 644, 485-490	5-7	15
54	Magnetic coupling effect of Mie resonance-based metamaterial with inclusion of split ring resonators. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 680-684	5-7	4
53	Intercalation assembly of Li ₃ VO ₄ nanoribbons/graphene sandwich-structured composites with enhanced oxygen reduction catalytic performance. <i>Journal of Alloys and Compounds</i> , 2015 , 646, 837-842	5-7	7
52	Novel VN/C nanocomposites as methanol-tolerant oxygen reduction electrocatalyst in alkaline electrolyte. <i>Scientific Reports</i> , 2015 , 5, 11351	4-9	35
51	Enhanced adsorption and photocatalysis properties of molybdenum oxide ultrathin nanobelts. <i>Materials Letters</i> , 2015 , 154, 132-135	3-3	10
50	Controllable route to barium molybdate crystal and their photoluminescence. <i>Journal of Alloys and Compounds</i> , 2015 , 639, 102-105	5-7	12
49	Magnetically tunable dual-band transmission through a single subwavelength aperture. <i>Applied Physics Letters</i> , 2015 , 106, 194102	3-4	4
48	Tunable metamaterial bandstop filter based on ferromagnetic resonance. <i>AIP Advances</i> , 2015 , 5, 077145	1-5	7

47	Magnetically tunable broadband transmission through a single small aperture. <i>Scientific Reports</i> , 2015 , 5, 12489	4.9	8
46	Magnetically tunable microwave bandpass filter structure composed of ferrite rods and metallic slits. <i>Applied Physics Letters</i> , 2015 , 107, 064103	3.4	7
45	Experimental demonstration of hyperbolic property in conventional material ferrite. <i>Applied Physics Letters</i> , 2015 , 107, 211112	3.4	14
44	Porous VO(x)N(y) nanoribbons supported on CNTs as efficient and stable non-noble electrocatalysts for the oxygen reduction reaction. <i>Scientific Reports</i> , 2015 , 5, 17385	4.9	18
43	NiCo-lead zirconium titanate-NiCo trilayered magnetoelectric composites prepared by electroless deposition. <i>AIP Advances</i> , 2015 , 5, 047142	1.5	1
42	Graphite Carbon-Supported Mo ₂ C Nanocomposites by a Single-Step Solid State Reaction for Electrochemical Oxygen Reduction. <i>PLoS ONE</i> , 2015 , 10, e0138330	3.7	14
41	Novel graphite-carbon encased tungsten carbide nanocomposites by solid-state reaction and their ORR electrocatalytic performance in alkaline medium. <i>Electrochimica Acta</i> , 2015 , 174, 172-177	6.7	36
40	Magnetically tunable wideband microwave filter using ferrite-based metamaterials. <i>Applied Physics Letters</i> , 2015 , 106, 173507	3.4	75
39	Tunable dielectric properties of ferrite-dielectric based metamaterial. <i>PLoS ONE</i> , 2015 , 10, e0127331	3.7	4
38	Magnetically tunable Mie resonance-based dielectric metamaterials. <i>Scientific Reports</i> , 2014 , 4, 7001	4.9	36
37	Negative and near zero refraction metamaterials based on permanent magnetic ferrites. <i>Scientific Reports</i> , 2014 , 4, 4139	4.9	19
36	Microwave memristive-like nonlinearity in a dielectric metamaterial. <i>Scientific Reports</i> , 2014 , 4, 5499	4.9	12
35	Controllable resonance frequency in Ni/Pb(Zr,Ti)O ₃ /FeCo cylindrical composites. <i>Materials Research Innovations</i> , 2014 , 18, 231-234	1.9	3
34	Resonance transmission of electromagnetic wave through a thin dielectric rod. <i>Applied Physics Letters</i> , 2014 , 104, 123902	3.4	4
33	Mie-resonance-coupled total broadband transmission through a single subwavelength aperture. <i>Applied Physics Letters</i> , 2014 , 104, 204103	3.4	14
32	Experimental demonstration in X-band of dual-negative refraction in photonic crystals. <i>Europhysics Letters</i> , 2013 , 104, 34003	1.6	1
31	Magnetoelectric cylindrical layered composite structure with multi-resonance frequencies. <i>Science China Technological Sciences</i> , 2013 , 56, 2572-2575	3.5	5
30	Tunable dual-band negative refractive index in ferrite-based metamaterials. <i>Optics Express</i> , 2013 , 21, 10746-52	3.3	28

29	Ferrite based metamaterials with thermo-tunable negative refractive index. <i>Applied Physics Letters</i> , 2013 , 103, 131915	3.4	15
28	Nanocrystalline Fe ₈₃ P ₁₆ Cu ₁ soft magnetic alloy produced by crystallization of its amorphous precursor. <i>Journal of Alloys and Compounds</i> , 2013 , 549, 26-29	5.7	24
27	Giant magnetoelectric effect in mechanically mediated composite structure of TbFe ₂ /Pb(Zr,Ti)O ₃ /TbFe ₂ with two nonmagnetic flakes. <i>Solid State Communications</i> , 2013 , 160, 37-40	1.6	3
26	Giant magnetoelectric effect in mechanically mediated composite structure of TbFe ₂ alloy and Pb(Zr,Ti)O ₃ ceramics. <i>Journal of Applied Physics</i> , 2013 , 113, 114504	2.5	4
25	Zero phase delay with relax incident condition in photonic crystals. <i>Optics Express</i> , 2013 , 21, 29860-6	3.3	
24	Hyperbolic metamaterial based on anisotropic Mie-type resonance. <i>Optics Express</i> , 2013 , 21, 29592-600	3.3	13
23	Temperature-dependent terahertz magnetic dipole radiation from antiferromagnetic GdFeO ₃ ceramics. <i>Applied Physics Letters</i> , 2013 , 103, 211108	3.4	19
22	RESONANT MAGNETOELECTRIC EFFECTS IN Ni/Pb(Zr,Ti)O ₃ /FeCo TRILAYERED SEMICIRCULAR COMPOSITES. <i>Surface Review and Letters</i> , 2013 , 20, 1350004	1.1	2
21	MULTI-BAND NEGATIVE REFRACTIVE INDEX IN FERRITE-BASED METAMATERIALS. <i>Progress in Electromagnetics Research</i> , 2013 , 140, 457-469	3.8	7
20	Hydrothermal temperature effect on magnetoelectric coupling of Ni/Pb(Zr _{0.52} Ti _{0.48})O ₃ bilayers. <i>Thin Solid Films</i> , 2012 , 520, 5575-5578	2.2	6
19	Magnetoelectric performance in Ni/Pb(Zr,Ti)O ₃ /FeCo trilayered cylindrical composites. <i>Journal of Alloys and Compounds</i> , 2012 , 545, 182-185	5.7	27
18	ELECTROLESS DEPOSITION OF NICKEL ON LEAD ZIRCONIUM TITANATE CERAMICS: PREPARATION, MAGNETIC AND MAGNETOELECTRIC PROPERTIES. <i>Surface Review and Letters</i> , 2012 , 19, 1250061	1.1	0
17	INFLUENCE OF INTERFACE AND POLARIZATION ON MAGNETOELECTRIC COUPLING IN Ni-LEAD ZIRCONIUM TITANATE-Ni TRILAYERS DERIVED BY ELECTROLESS DEPOSITION. <i>Surface Review and Letters</i> , 2012 , 19, 1250030	1.1	
16	Large magnetoelectric effect and resonance frequency controllable characteristics in Ni/Lead zirconium titanate/Ni cylindrical layered composites. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5163-5166	5.7	32
15	Synthesis and characterization of Bi ₂ Te ₃ /polyaniline composites. <i>Materials Science in Semiconductor Processing</i> , 2011 , 14, 219-222	4.3	28
14	Large magnetoelectric effect in mechanically mediated structure of TbFe ₂ , Pb(Zr,Ti)O ₃ , and nonmagnetic flakes. <i>Applied Physics Letters</i> , 2011 , 98, 133504	3.4	17
13	NICKEL AND LEAD ZIRCONIUM TITANATE MULTI-LAYERED MAGNETOELECTRIC COMPOSITES PREPARED BY ELECTROLESS DEPOSITION. <i>Modern Physics Letters B</i> , 2011 , 25, 723-729	1.6	4
12	Magnetoelectric performance of cylindrical Ni/Lead zirconate titanate/Ni laminated composite synthesized by electroless deposition. <i>Journal of Materials Science</i> , 2011 , 46, 1602-1605	4.3	13

11	Bath temperature effect on magnetoelectric performance of Ni _{1-x} Pb _x zirconate titanate/Ni laminated composites synthesized by electroless deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2011 , 323, 422-426	2.8	9
10	Tunable resonance frequency of magnetoelectric layered composites. <i>Sensors and Actuators A: Physical</i> , 2011 , 166, 48-51	3.9	24
9	Magnetoelectric effect in a bi-rectangular structure composed of negative/positive magnetostrictive and piezoelectric flakes. <i>Journal of Materials Research</i> , 2011 , 26, 2707-2710	2.5	2
8	Magnetoelectric effect in layered composites with arc shape. <i>Chinese Physics B</i> , 2011 , 20, 067503	1.2	9
7	BUFFER LAYER EFFECTS ON MAGNETOELECTRIC COUPLING OF Ni/Pb(Zr _{0.52} Ti _{0.48})O ₃ BILAYERS. <i>Surface Review and Letters</i> , 2011 , 18, 177-181	1.1	1
6	The large magnetoelectric effect in Ni _{1-x} Pb _x zirconium titanate/Ni trilayers derived by electroless deposition. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 132002	3	24
5	Large magnetoelectric effect in negative magnetostrictive/piezoelectric/positive magnetostrictive laminate composites with two resonance frequencies. <i>Scripta Materialia</i> , 2010 , 63, 589-592	5.6	30
4	Magnetoelectric Ni _{1-x} Pb _x (Zr,Ti)/Ni trilayers prepared by electroless deposition. <i>Solid State Communications</i> , 2010 , 150, 248-250	1.6	29
3	Strong magnetoelectric coupling in a Ni _{1-x} Pb _x (Zr _{0.52} Ti _{0.48})O ₃ bilayer derived from the hydrothermal method. <i>Solid State Communications</i> , 2010 , 150, 1837-1839	1.6	6
2	Poly(methyl methacrylate)-based ferroelectric/dielectric laminated films with enhanced energy storage performances. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	2
1	Flexible and Stretchable Electrodes for Capacitive Sensors. <i>Journal of Electronic Materials</i> , 1	1.9	