Jinhao Qiu

List of Publications by Year
in descending order

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327	6,629	71102	118850
papers	citations	41 h-index	62 g-index

329	329	329	4951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of an ultra-low frequency piezoelectric energy harvester with high frequency up-conversion factor caused by internal resonance mechanism. Mechanical Systems and Signal Processing, 2022, 162, 108038.	8.0	67
2	Frequency attenuation band with low vibration transmission in a finite-size plate strip embedded with 2D acoustic black holes. Mechanical Systems and Signal Processing, 2022, 163, 108149.	8.0	30
3	Damage visualization using laser-generated residual guided waves with optimization of laser scanning path. Mechanical Systems and Signal Processing, 2022, 166, 108463.	8.0	4
4	TwIST sparse regularization method using cubic B-spline dual scaling functions for impact force identification. Mechanical Systems and Signal Processing, 2022, 167, 108451.	8.0	16
5	Improvement mechanism of energy conversion efficiency in ultrasonic motor with flexible rotor. Ultrasonics, 2022, 120, 106659.	3.9	13
6	Optimization of profile and damping layer of plates embedded with acoustic black hole indentations for broadband energy dissipation. Journal of Intelligent Material Systems and Structures, 2022, 33, 1947-1959.	2.5	6
7	A Circular Eccentric Vibration Absorber With Circumferentially Graded Acoustic Black Hole Features. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.6	11
8	A method for regulating negative Poisson's ratio by a reentrant anti-tetrachiral structure. Mechanics of Advanced Materials and Structures, 2022, 29, 7399-7414.	2.6	3
9	Fatigue property evaluation for fiber reinforced plastics based on mode conversion effect of guided wave. Composites Science and Technology, 2022, 223, 109405.	7.8	5
10	Semi-active piezoelectric structural damping adjustment and enhancement by synchronized switching on energy injection technique. Journal of Sound and Vibration, 2022, 527, 116866.	3.9	10
11	A dynamic criterion for failure probability prediction of GFRP laminates using Lamb wave velocity with improved accuracy and consistency. Composite Structures, 2022, 291, 115578.	5.8	0
12	Single-ply elastic properties determination in CFRP laminates using a combined ultrasonic method. Journal of Intelligent Material Systems and Structures, 2022, 33, 2604-2615.	2.5	2
13	Enhancement of Wave Energy Dissipation in Two-Dimensional Acoustic Black Hole by Simultaneous Optimization of Profile and Damping Layer. Journal of Sound and Vibration, 2021, 491, 115764.	3.9	34
14	Application of neural network to model stiffness degradation for composite laminates under cyclic loadings. Composites Science and Technology, 2021, 203, 108573.	7.8	14
15	Achieving superior energy density in ferroelectric P(VDF-HFP) through the employment of dopamine-modified MOFs. Composites Science and Technology, 2021, 201, 108520.	7.8	21
16	Resistive loss considerations in the finite element analysis of eddy current attenuation in anisotropic conductive composites. NDT and E International, 2021, 119, 102403.	3.7	13
17	A vibration absorber based on two-dimensional acoustic black holes. Journal of Sound and Vibration, 2021, 500, 116024.	3.9	43
18	A broadband sound-absorbing panel based on the coiled coplanar absorber with multiple absorption peaks. Physica Scripta, 2021, 96, 085008.	2.5	5

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19	Poly(acrylonitrile butadiene styrene)/poly(vinylidene fluoride) binary blends films with superior breakdown strength and discharge efficiency. Journal of Materials Science: Materials in Electronics, 2021, 32, 17230-17240.	2.2	6
20	Influence of interference among parallel absorbers on acoustic characteristics of an absorbing panel. Review of Scientific Instruments, 2021, 92, 064901.	1.3	0
21	A new design of unsymmetrical shunt circuit with negative capacitance for enhanced vibration control. Mechanical Systems and Signal Processing, 2021, 155, 107576.	8.0	12
22	Improving the performance of ultrasonic motors in low-pressure, variable-temperature environments. Tribology International, 2021, 160, 107000.	5.9	8
23	Self-powered semi-passive vibration damping system based on the self-sensing approach. Journal of Sound and Vibration, 2021, 512, 116371.	3.9	8
24	Highly sensitive, reliable and flexible pressure sensor based on piezoelectric PVDF hybrid film using MXene nanosheet reinforcement. Journal of Alloys and Compounds, 2021, 886, 161069.	5.5	68
25	Failure probability prediction of delamination under cyclic loading in composite laminates using cohesive interface elements. Engineering Fracture Mechanics, 2021, 258, 108064.	4.3	3
26	Comparative study of tribological properties of insulated and conductive polyimide composites. Friction, 2020, 8, 507-516.	6.4	16
27	Simultaneously improved dielectric constant and breakdown strength of PVDF/Nd-BaTiO3 fiber composite films via the surface modification and subtle filler content modulation. Composites Part A: Applied Science and Manufacturing, 2020, 128, 105675.	7.6	41
28	Effects of the buffer layer on piezoelectric and ferroelectric properties of PMN-PT film-on-Ni foil composites. Journal of Materials Science: Materials in Electronics, 2020, 31, 677-683.	2.2	0
29	Sandwich-structured Co3[Co(CN)6]2/P(VDF-HFP) piezoelectric composites with superior electromechanical activity. Journal of Materials Science: Materials in Electronics, 2020, 31, 22028-22038.	2.2	1
30	Flexible textured MnO2 nanorods/ PVDF hybrid films with superior piezoelectric performance for energy harvesting application. Composites Science and Technology, 2020, 199, 108330.	7.8	33
31	Mode conversion behavior of guided wave in glass fiber reinforced polymer with fatigue damage accumulation. Composites Science and Technology, 2020, 192, 108073.	7.8	27
32	PVDF-Based Composition-Gradient Multilayered Nanocomposites for Flexible High-Performance Piezoelectric Nanogenerators. ACS Applied Materials & Interfaces, 2020, 12, 11045-11054.	8.0	67
33	On the energy release rate extraction and mixed mode behavior of fatigue cohesive model. Composite Structures, 2020, 239, 112038.	5.8	7
34	Simultaneously realizing ultra-high energy density and discharge efficiency in PVDF composites loaded with highly aligned hollow MnO2 microspheres. Composites Part A: Applied Science and Manufacturing, 2020, 132, 105820.	7.6	17
35	A local specific stiffness identification method based on a multi-scale â€œweakâ€•formulation. Mechanical Systems and Signal Processing, 2020, 140, 106650.	8.0	8
36	Semi-active vibration control of large-scale flexible structure based on fuzzy adaptive SSDV technique. International Journal of Applied Electromagnetics and Mechanics, 2020, 64, 1199-1206.	0.6	3

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37	Vibration attenuation band transition in plate with different placements of 2D acoustic black holes. The Proceedings of the International Conference on Motion and Vibration Control, 2020, 2020.15, 10029.	0.0	0
38	Preface for the Special Issue of ISEM 2019. International Journal of Applied Electromagnetics and Mechanics, 2020, 64, 1-1.	0.6	2
39	Ultra-high discharged energy density in PVDF based composites through inducing MnO2 particles with optimized geometric structure. Nano Energy, 2019, 65, 104007.	16.0	35
40	Enhancement of vibration based energy harvesting using compound acoustic black holes. Mechanical Systems and Signal Processing, 2019, 132, 441-456.	8.0	80
41	Wavenumber domain analyses of vibro-acoustic decoupling and noise attenuation in a plate-cavity system enclosed by an acoustic black hole plate. Journal of the Acoustical Society of America, 2019, 146, 72-84.	1.1	28
42	The synergism of peak to peak value, frequency and superimposed DC bias voltage on electric-field-induced strain of PZT based-macro fiber composites. Ceramics International, 2019, 45, 22067-22077.	4.8	10
43	Structural damage detections based on a general vibration model identification approach. Mechanical Systems and Signal Processing, 2019, 123, 316-332.	8.0	27
44	Enhanced transfer efficiency of ultrasonic motors with polyimide based frictional materials and surface texture. Sensors and Actuators A: Physical, 2019, 295, 671-677.	4.1	17
45	Noise reduction inside a cavity coupled to a flexible plate with embedded 2-D acoustic black holes. Journal of Sound and Vibration, 2019, 455, 324-338.	3.9	53
46	Improved tribological properties of polyimide composites by microâ€“nano reinforcement. Journal of Applied Polymer Science, 2019, 136, 47900.	2.6	18
47	Low reflection effect by 3D printed functionally graded acoustic black holes. Journal of Sound and Vibration, 2019, 450, 96-108.	3.9	45
48	Design methodology of a frequency up-converting energy harvester based on dual-cantilever and pendulum structures. AIP Advances, 2019, 9, .	1.3	22
49	Flexible polyvinylidene fluoride based nanocomposites with high and stable piezoelectric performance over a wide temperature range utilizing the strong multi-interface effect. Composites Science and Technology, 2019, 174, 33-41.	7.8	21
50	Hysteresis modeling and tracking control for piezoelectric stack actuators using neural-Preisach model. International Journal of Applied Electromagnetics and Mechanics, 2019, 61, 445-459.	0.6	9
51	Effect of surface roughness and reciprocating time on the tribological properties of the polyimide composites. Polymer Engineering and Science, 2019, 59, 483-489.	3.1	12
52	Semi-active vibration control based on synchronously switched piezoelectric actuators. International Journal of Applied Electromagnetics and Mechanics, 2019, 59, 299-307.	0.6	8
53	A charge controlled driving power supply for hysteresis compensation of piezoelectric stack actuators. International Journal of Applied Electromagnetics and Mechanics, 2019, 59, 281-290.	0.6	5
54	Detection of delamination in laminated CFRP composites using eddy current testing: Simulation and experimental study. International Journal of Applied Electromagnetics and Mechanics, 2018, 57, 177-192.	0.6	14

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55	Tunable piezoelectric performance of flexible PVDF based nanocomposites from MWCNTs/graphene/MnO2 three-dimensional architectures under low poling electric fields. Composites Part A: Applied Science and Manufacturing, 2018, 107, 536-544.	7.6	39
56	Effect of Cr2O3 modification on dielectric, ferroelectric and field-induced strain properties of 0.18Pb(Mg1/3Nb2/3)O3â€“0.82Pb(Zr0.49Ti0.51)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 3602-3610.	2.2	2
57	Analysis of ray trajectories of flexural waves propagating over generalized acoustic black hole indentations. Journal of Sound and Vibration, 2018, 417, 216-226.	3.9	60
58	Interlaminar contact resistivity and its influence on eddy currents in carbon fiber reinforced polymer laminates. NDT and E International, 2018, 94, 79-91.	3.7	37
59	High discharged energy density of polymer nanocomposites induced by Nd-doped BaTiO3 nanoparticles. Journal of Materiomics, 2018, 4, 44-50.	5.7	31
60	An improved delamination fatigue cohesive interface model for complex three-dimensional multi-interface cases. Composites Part A: Applied Science and Manufacturing, 2018, 107, 633-646.	7.6	26
61	Reciprocating friction and wear of polyimide composites filled with solid lubricants. Journal of Polymer Engineering, 2018, 38, 363-370.	1.4	6
62	Damage detection based on sparse virtual element boundary measurement using metal-core piezoelectric fiber. Structural Health Monitoring, 2018, 17, 15-23.	7.5	8
63	Investigations on flexural wave propagation and attenuation in a modified one-dimensional acoustic black hole using a laser excitation technique. Mechanical Systems and Signal Processing, 2018, 104, 19-35.	8.0	69
64	A piezoelectric spring pendulum oscillator used for multi-directional and ultra-low frequency vibration energy harvesting. Applied Energy, 2018, 231, 600-614.	10.1	184
65	Enhancement of piezoelectric energy harvesting using ABH structural tailoring. , 2018, , .		0
66	Piezoelectric Spring Pendulum Oscillator for Animal/Human Motion Energy Harvesting. , 2018, , .		3
67	Effect of the orientation on the ferroelectricity, dielectricity and magnetoelectric coupling in the bilayered Pb(Zr0.52Ti0.48)O3 film-on-CoFe2O4 bulk ceramic composites. Journal of Alloys and Compounds, 2018, 762, 574-578.	5.5	6
68	Numerical analysis on shape memory alloyâ€“based adaptive shock control bump. Journal of Intelligent Material Systems and Structures, 2018, 29, 3055-3066.	2.5	6
69	Superharmonic vibration and its reduction in SSD control by increase of voltage inversion time. Smart Materials and Structures, 2018, 27, 085007.	3.5	9
70	Effect of rolling temperature on the microstructure and electric properties of Î²-polyvinylidene fluoride films. Journal of Materials Science: Materials in Electronics, 2018, 29, 15957-15965.	2.2	11
71	Effects of annealing process and the additive on the electrical properties of chemical solution deposition derived 0.65Pb(Mg1/3Nb2/3)O3â€“0.35PbTiO3 thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 16997-17002.	2.2	3
72	High breakdown strength and outstanding piezoelectric performance in flexible PVDF based percolative nanocomposites through the synergistic effect of topological-structure and composition modulations. Composites Part A: Applied Science and Manufacturing, 2018, 114, 13-20.	7.6	21

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73	An internal resonance based frequency up-converting energy harvester. Journal of Intelligent Material Systems and Structures, 2018, 29, 2766-2781.	2.5	33
74	Crystalline Structure, Defect Chemistry and Room Temperature Colossal Permittivity of Nd-doped Barium Titanate. Scientific Reports, 2017, 7, 42274.	3.3	89
75	Characterization of fatigue damages in composite laminates using Lamb wave velocity and prediction of residual life. Composite Structures, 2017, 166, 219-228.	5.8	46
76	Effects of Mn doping on dielectric and ferroelectric characteristics of lead-free (K, Na, Li)NbO3 thin films grown by chemical solution deposition. Journal of Materials Science: Materials in Electronics, 2017, 28, 487-492.	2.2	3
77	High precision ultrasonic guided wave technique for inspection of power transmission line. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 170-179.	3.7	4
78	A Lamb wave velocity degradation model for cross-ply laminates under fatigue loading. AIP Conference Proceedings, 2017, , .	0.4	0
79	Application of low frequency ECT method in noncontact detection and visualization of CFRP material. Composites Part B: Engineering, 2017, 110, 141-152.	12.0	69
80	Exploiting the instability of smart structure for reconfiguration. Applied Physics Letters, 2017, 111, 064102.	3.3	5
81	Numerical analysis on thermo-mechanical behavior of shape memory alloy strip with two-way shape memory effect. Journal of Intelligent Material Systems and Structures, 2017, 28, 2298-2304.	2.5	2
82	A 2-degree-of-freedom cubic nonlinear piezoelectric harvester intended for practical low-frequency vibration. Sensors and Actuators A: Physical, 2017, 264, 1-10.	4.1	57
83	Dielectric and energy storage performances of PVDF-based composites with colossal permittivitied Nd-doped BaTiO3 nanoparticles as the filler. AIP Advances, 2017, 7, .	1.3	24
84	Elucidating the effects of high temperature mixing method under hydrothermal condition (HTMM) on grain refinements and assembling structures. Powder Technology, 2017, 305, 440-446.	4.2	0
85	The effect of LaNiO3 thickness on the magnetoelectric response of Pb(Zr0.52Ti0.48)O3 film-on-CoFe2O4 ceramic composites. Journal of Materials Science, 2017, 52, 541-549.	3.7	5
86	Low-temperature sintering and enhanced dielectric properties of alkali niobate ceramics prepared from solvothermally synthesized nanopowders. Ceramics International, 2017, 43, 1135-1144.	4.8	18
87	Novel NDT methods for composite materials in aerospace structures. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 25-33.	0.6	1
88	Wave Energy Focalization in a Plate With Imperfect Two-Dimensional Acoustic Black Hole Indentation. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	56
89	Research advances in eddy current testing for maintenance of carbon fiber reinforced plastic composites. International Journal of Applied Electromagnetics and Mechanics, 2016, 51, 261-284.	0.6	33
90	Evaluation of fatigue damage accumulation in composites via linear and nonlinear guided wave methods. AIP Conference Proceedings, 2016, , .	0.4	1

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91	Adaptive control with hysteresis compensation for piezoelectric actuators. International Journal of Applied Electromagnetics and Mechanics, 2016, 52, 843-850.	0.6	3
92	A metastable cubic phase of sodium niobate nanoparticles stabilized by chemically bonded solvent molecules. Physical Chemistry Chemical Physics, 2016, 18, 33171-33179.	2.8	16
93	Effects of annealing temperature on structure and electrical properties of (Na, K)NbO3 thin films grown by RF magnetron sputtering deposition. Journal of Materials Science: Materials in Electronics, 2016, 27, 899-905.	2.2	9
94	Characterization of acoustic black hole effect using a one-dimensional fully-coupled and wavelet-decomposed semi-analytical model. Journal of Sound and Vibration, 2016, 374, 172-184.	3.9	163
95	Metal-core piezoelectric fiber-based smart layer for damage detection using sparse virtual element boundary measurement. , 2016, , .		0
96	Influence of Zr/Ti atomic ratio and seed layer on the magnetoelectric coupling of Pb(Zr x Ti 1â^'x)O 3 film-on-CoFe 2 O 4 bulk ceramic composites. Ceramics International, 2016, 42, 14431-14437.	4.8	7
97	Improved sintering activity and piezoelectric properties of PZT ceramics from hydrothermally synthesized powders with Pb excess. Journal of Materials Science: Materials in Electronics, 2016, 27, 8573-8579.	2.2	13
98	Effects of surfactant and reaction time on the formation and photocatalytic performance of Cu2S thin films grown in situ on Cu foil by hydrothermal method. Journal of Alloys and Compounds, 2016, 685, 266-271.	5.5	13
99	The effect of drilling-induced delamination on tensile strength and prediction of residual strength of carbon fiber-reinforced polymer laminate. Journal of Composite Materials, 2016, 50, 3373-3384.	2.4	15
100	MWCNTs-TiO2 core-shell nanoassemblies for fabrication of poly(vinylidene fluoride) based composites with high breakdown strength and discharged energy density. Journal of Polymer Research, 2016, 23, 1.	2.4	11
101	A novel method for fatigue delamination simulation in composite laminates. Composites Science and Technology, 2016, 128, 104-115.	7.8	21
102	Reconstruction of the nine stiffness coefficients of composites using a laser generation based imaging method. Composites Science and Technology, 2016, 126, 27-34.	7.8	25
103	Semi-active vibration control based on unsymmetrical synchronized switch damping: Analysis and experimental validation of control performance. Journal of Sound and Vibration, 2016, 370, 1-22.	3.9	25
104	Multi-damage localization on large complex structures through an extended delay-and-sum based method. Structural Health Monitoring, 2016, 15, 50-64.	7.5	46
105	Dramatically improved piezoelectric properties of poly(vinylidene fluoride) composites by incorporating aligned TiO2@MWCNTs. Composites Science and Technology, 2016, 123, 259-267.	7.8	61
106	Self-powered semi-passive vibration damping system based on self-sensing approach. Proceedings of SPIE, 2016, , .	0.8	1
107	Stabilized temperature-dependent dielectric properties of Dy-doped BaTiO 3 ceramics derived from sol-hydrothermally synthesized nanopowders. Ceramics International, 2016, 42, 3170-3176.	4.8	36
108	Semi-active vibration control based on unsymmetrical synchronized switching damping: Circuit design. Journal of Intelligent Material Systems and Structures, 2016, 27, 1106-1120.	2.5	11

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109	Decentralized active control of turbulent boundary induced noise and vibration: a numerical investigation. JVC/Journal of Vibration and Control, 2016, 22, 3821-3839.	2.6	8
110	Damage localization using warped frequency transform in active structural health monitoring. International Journal of Applied Electromagnetics and Mechanics, 2015, 47, 897-909.	0.6	8
111	A general and simple method to synthesize well-crystallized nanostructured vanadium oxides for high performance Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 9385-9389.	10.3	42
112	Enhanced dielectric tunability of Ba x Sr1â^'x TiO3â€“MgO composite ceramics co-modified with CuO and MnO2. Journal of Materials Science: Materials in Electronics, 2015, 26, 2107-2112.	2.2	8
113	Solvothermal Synthesis and Formation Mechanism of Potassium Sodium Niobate Mesocrystals Under Low Alkaline Conditions. Journal of Nanoscience and Nanotechnology, 2015, 15, 4934-4940.	0.9	6
114	Effects of excess sulfur source on the formation and photocatalytic properties of flower-like MoS2 spheres by hydrothermal synthesis. Materials Letters, 2015, 144, 153-156.	2.6	64
115	Microwave-assisted solâ€“hydrothermal synthesis of tetragonal barium titanate nanoparticles with hollow morphologies. Journal of Materials Science: Materials in Electronics, 2015, 26, 1597-1601.	2.2	12
116	Active control of sound transmission using a hybrid/blind decentralized control approach. JVC/Journal of Vibration and Control, 2015, 21, 2661-2684.	2.6	6
117	Achieving High Performance Electric Field Induced Strain: A Rational Design of Hyperbranched Aromatic Polyamide Functionalized Grapheneâ€“Polyurethane Dielectric Elastomer Composites. Journal of Physical Chemistry B, 2015, 119, 4521-4530.	2.6	46
118	Comparative investigations on dielectric, piezoelectric properties and humidity resistance of PZTâ€“SKN and PZTâ€“SNN ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 2897-2904.	2.2	9
119	Insight into influence of conducting polymer functionalized graphene on electromechanical activity of polyurethane-based intelligent shape-changing composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 3730-3738.	2.2	12
120	Adaptive synchronized switch harvesting: A new piezoelectric energy harvesting scheme for wideband vibrations. Sensors and Actuators A: Physical, 2015, 226, 21-36.	4.1	21
121	Multimode vibration damping as a result of piezoelectric energy harvesting. Proceedings of SPIE, 2015, , .	0.8	0
122	Dielectric, mechanical and electro-stimulus response properties studies of polyurethane dielectric elastomer modified by carbon nanotube-graphene nanosheet hybrid fillers. Polymer Testing, 2015, 47, 4-11.	4.8	50
123	Damage detection based on sparse virtual element boundary measurement with enhanced noise immunity under weak formulation. , 2015, , .		0
124	An imaging method for impact localization using metal-core piezoelectric fiber rosettes. Journal of Intelligent Material Systems and Structures, 2015, 26, 2205-2215.	2.5	9
125	Copper Phthalocyanine Oligomer Noncovalent Functionalized Graphene-Polyurethane Dielectric Elastomer Composites for Flexible Micro-Actuator. Soft Materials, 2015, 13, 210-218.	1.7	21
126	Novel electromagnetic modeling approach of carbon fiber-reinforced polymer laminate for calculation of eddy currents and eddy current testing signals. Journal of Composite Materials, 2015, 49, 617-631.	2.4	35

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127	Low-temperature solid-state synthesis and optical properties of ZnO/CdS nanocomposites. Journal of Alloys and Compounds, 2015, 618, 67-72.	5.5	25
128	Solvothermal synthesis of BaTiO3 nanoparticles from K2Ti6O13 precursors. Research on Chemical Intermediates, 2015, 41, 4851-4859.	2.7	4
129	Ultra high permittivity and significantly enhanced electric field induced strain in PEDOT:PSSâ€“RGO@PU intelligent shape-changing electro-active polymers. RSC Advances, 2014, 4, 64061-64067.	3.6	50
130	Oneâ€Step Surfactantâ€Free Hydrothermal Synthesis of Platelike Sodium Niobate Template Powders. Journal of the American Ceramic Society, 2014, 97, 3360-3362.	3.8	12
131	Damage Evaluation Based on a Wave Energy Flow Map Using Multiple PZT Sensors. Sensors, 2014, 14, 1902-1917.	3.8	19
132	Semi-active vibration control of an aircraft panel using synchronized switch damping method. International Journal of Applied Electromagnetics and Mechanics, 2014, 46, 879-893.	0.6	8
133	Impact identification using a passive imaging method. International Journal of Applied Electromagnetics and Mechanics, 2014, 46, 835-844.	0.6	6
134	Poly(methyl methacrylate)-functionalized graphene/polyurethane dielectric elastomer composites with superior electric field induced strain. Materials Letters, 2014, 128, 19-22.	2.6	45
135	Lead-free (K, Na)NbO3 thin films derived from chemical solution deposition modified with EDTA. Journal of Materials Science: Materials in Electronics, 2014, 25, 1112-1116.	2.2	11
136	Phase transition, microstructure, and dielectric properties of Li/Ta/Sb co-doped (K, Na)NbO3 lead-free ceramics. Ceramics International, 2014, 40, 4389-4394.	4.8	24
137	Effect of temperature on the crystalline phase and dielectric and ferroelectric properties of poly(vinylidene fluoride) film. Journal of Intelligent Material Systems and Structures, 2014, 25, 858-864.	2.5	17
138	Role of interlaminar interface on bulk conductivity and electrical anisotropy of CFRP laminates measured by eddy current method. NDT and E International, 2014, 68, 1-12.	3.7	61
139	Rod-like NaNbO₃: mechanisms for stable solvothermal synthesis, temperature-mediated phase transitions and morphological evolution. RSC Advances, 2014, 4, 15104-15110.	3.6	16
140	Enhanced dielectric and ferroelectric properties induced by TiO2@MWCNTs nanoparticles in flexible poly(vinylidene fluoride) composites. Composites Part A: Applied Science and Manufacturing, 2014, 65, 125-134.	7.6	93
141	Enhanced piezoelectric properties of 0.55Pb(Ni1/3Nb2/3)O3-0.135PbZrO3- 0.315PbTiO3 ternary ceramics by optimizing sintering temperature. Journal of Electroceramics, 2014, 32, 234-239.	2.0	36
142	Enhanced electrical properties of multiwalled carbon nanotube/poly(vinylidenefluoride) films through a rolling process. Journal of Materials Science: Materials in Electronics, 2014, 25, 2126-2137.	2.2	15
143	Investigation of phase diagram and electrical properties of xPb(Mg1/3Nb2/3)O3â€“(1Ââ^'Âx)Pb(Zr0.4Ti0.6)O3 ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 3003-3009.	2.2	14
144	Enhanced electromagnetic wave absorption properties of polyaniline-coated Fe3O4/reduced graphene oxide nanocomposites. Journal of Materials Science: Materials in Electronics, 2014, 25, 3664-3673.	2.2	53

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145	Microstructure and piezoelectric properties of K5.70Li4.07Nb10.23O30-added K0.5Na0.5NbO3 ceramics. Journal of Advanced Ceramics, 2014, 3, 147-154.	17.4	4
146	Fabrication of BaTiO3 nanoparticles and its formation mechanism using the high temperature mixing method under hydrothermal conditions. Advanced Powder Technology, 2014, 25, 853-858.	4.1	19
147	Smart Skin and Actuators for Morphing Structures. Procedia IUTAM, 2014, 10, 427-441.	1.2	12
148	Hydrothermally synthesized barium titanate nanostructures from K2Ti4O9 precursors: Morphology evolution and its growth mechanism. Materials Research Bulletin, 2014, 57, 162-169.	5.2	30
149	Non-symmetrical semi-active vibration control based on synchronized switching damping. Proceedings of SPIE, 2014, , .	0.8	0
150	1D33 A Neural-Preisach Model for Hysteresis Control of Piezoelectric Actuators(The 12th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (the Motion and Vibration Control, 2014, 2014.12, _1D33-1_-_1D33-10_.	0.0	0
151	Low-Temperature Sintering of (K0.5Na0.5)NbO3 Piezoelectric Ceramics. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 463-466.	3.7	3
152	Sol-solvothermal synthesis and characterization of fine lead zirconate titanate particles. Journal of Materials Science: Materials in Electronics, 2013, 24, 2264-2270.	2.2	4
153	Preparation and dielectric properties of a polyurethane elastomer filled with resol-derived ordered mesoporous carbon. Journal of Materials Science: Materials in Electronics, 2013, 24, 2013-2018.	2.2	6
154	Microstructure, temperature stability and electrical properties of ZnO-modified Pb(Ni1/3Nb2/3)O3â€“Pb(Fe1/2Nb1/2)O3â€“Pb(Zr0.3Ti0.7)O3 piezoelectric ceramics. Ceramics International, 2013, 39, 9385-9390.	4.8	16
155	Preparation and characterization of monodispersed BaTiO3 nanocrystals by solâ€“hydrothemal method. Journal of Crystal Growth, 2013, 363, 300-307.	1.5	42
156	Influence of sintering temperature on electrical properties of (K0.4425Na0.52Li0.0375)(Nb0.8825Sb0.07Ta0.0475)O3 ceramics without phase transition induced by sintering temperature. Journal of Advanced Ceramics, 2013, 2, 353-359.	17.4	10
157	Sol-hydrothermal synthesis and characterization of lead zirconate titanate fine particles. Advanced Powder Technology, 2013, 24, 212-217.	4.1	14
158	Modeling hysteresis and creep behavior of macrofiber compositeâ€“based piezoelectric bimorph actuator. Journal of Intelligent Material Systems and Structures, 2013, 24, 369-377.	2.5	9
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