

# Jinhao Qiu

## 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.

305  
papers

4,819  
citations

35  
h-index

51  
g-index

329  
ext. papers

5,747  
ext. citations

3.4  
avg, IF

5.87  
L-index

#	Paper	IF	Citations
305	TwIST sparse regularization method using cubic B-spline dual scaling functions for impact force identification. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 167, 108451	7.8	3
304	Investigation of an ultra-low frequency piezoelectric energy harvester with high frequency up-conversion factor caused by internal resonance mechanism. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 162, 108038	7.8	14
303	Frequency attenuation band with low vibration transmission in a finite-size plate strip embedded with 2D acoustic black holes. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 163, 108149	7.8	6
302	Damage visualization using laser-generated residual guided waves with optimization of laser scanning path. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 166, 108463	7.8	1
301	Fatigue property evaluation for fiber reinforced plastics based on mode conversion effect of guided wave. <i>Composites Science and Technology</i> , <b>2022</b> , 223, 109405	8.6	0
300	Semi-active piezoelectric structural damping adjustment and enhancement by synchronized switching on energy injection technique. <i>Journal of Sound and Vibration</i> , <b>2022</b> , 527, 116866	3.9	0
299	A dynamic criterion for failure probability prediction of GFRP laminates using Lamb wave velocity with improved accuracy and consistency. <i>Composite Structures</i> , <b>2022</b> , 291, 115578	5.3	
298	Improvement mechanism of energy conversion efficiency in ultrasonic motor with flexible rotor.. <i>Ultrasonics</i> , <b>2021</b> , 120, 106659	3.5	1
297	Failure probability prediction of delamination under cyclic loading in composite laminates using cohesive interface elements. <i>Engineering Fracture Mechanics</i> , <b>2021</b> , 258, 108064	4.2	0
296	Resistive loss considerations in the finite element analysis of eddy current attenuation in anisotropic conductive composites. <i>NDT and E International</i> , <b>2021</b> , 119, 102403	4.1	3
295	A vibration absorber based on two-dimensional acoustic black holes. <i>Journal of Sound and Vibration</i> , <b>2021</b> , 500, 116024	3.9	9
294	A broadband sound-absorbing panel based on the coiled coplanar absorber with multiple absorption peaks. <i>Physica Scripta</i> , <b>2021</b> , 96, 085008	2.6	2
293	Poly(acrylonitrile butadiene styrene)/poly(vinylidene fluoride) binary blends films with superior breakdown strength and discharge efficiency. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 17230-17240	2.1	1
292	Influence of interference among parallel absorbers on acoustic characteristics of an absorbing panel. <i>Review of Scientific Instruments</i> , <b>2021</b> , 92, 064901	1.7	
291	A new design of unsymmetrical shunt circuit with negative capacitance for enhanced vibration control. <i>Mechanical Systems and Signal Processing</i> , <b>2021</b> , 155, 107576	7.8	3
290	Enhancement of Wave Energy Dissipation in Two-Dimensional Acoustic Black Hole by Simultaneous Optimization of Profile and Damping Layer. <i>Journal of Sound and Vibration</i> , <b>2021</b> , 491, 115764	3.9	10
289	Application of neural network to model stiffness degradation for composite laminates under cyclic loadings. <i>Composites Science and Technology</i> , <b>2021</b> , 203, 108573	8.6	4

288	Achieving superior energy density in ferroelectric P(VDF-HFP) through the employment of dopamine-modified MOFs. <i>Composites Science and Technology</i> , <b>2021</b> , 201, 108520	8.6	12
287	Improving the performance of ultrasonic motors in low-pressure, variable-temperature environments. <i>Tribology International</i> , <b>2021</b> , 160, 107000	4.9	1
286	Self-powered semi-passive vibration damping system based on the self-sensing approach. <i>Journal of Sound and Vibration</i> , <b>2021</b> , 512, 116371	3.9	1
285	Highly sensitive, reliable and flexible pressure sensor based on piezoelectric PVDF hybrid film using MXene nanosheet reinforcement. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 886, 161069	5.7	19
284	Flexible textured MnO <sub>2</sub> nanorods/ PVDF hybrid films with superior piezoelectric performance for energy harvesting application. <i>Composites Science and Technology</i> , <b>2020</b> , 199, 108330	8.6	17
283	Mode conversion behavior of guided wave in glass fiber reinforced polymer with fatigue damage accumulation. <i>Composites Science and Technology</i> , <b>2020</b> , 192, 108073	8.6	14
282	PVDF-Based Composition-Gradient Multilayered Nanocomposites for Flexible High-Performance Piezoelectric Nanogenerators. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 11045-11054	9.5	33
281	On the energy release rate extraction and mixed mode behavior of fatigue cohesive model. <i>Composite Structures</i> , <b>2020</b> , 239, 112038	5.3	2
280	Simultaneously realizing ultra-high energy density and discharge efficiency in PVDF composites loaded with highly aligned hollow MnO <sub>2</sub> microspheres. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 132, 105820	8.4	13
279	A local specific stiffness identification method based on a multi-scale weak formulation. <i>Mechanical Systems and Signal Processing</i> , <b>2020</b> , 140, 106650	7.8	3
278	Semi-active vibration control of large-scale flexible structure based on fuzzy adaptive SSDV technique. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2020</b> , 64, 1199-1206	0.4	2
277	Vibration attenuation band transition in plate with different placements of 2D acoustic black holes. <i>The Proceedings of the International Conference on Motion and Vibration Control</i> , <b>2020</b> , 2020.15, 10029	0	
276	Preface for the Special Issue of ISEM 2019. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2020</b> , 64, 1-1	0.4	2
275	Effects of the buffer layer on piezoelectric and ferroelectric properties of PMN-PT film-on-Ni foil composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 677-683	2.1	
274	Sandwich-structured Co <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> /P(VDF-HFP) piezoelectric composites with superior electromechanical activity. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 22028-22038	2.1	1
273	Comparative study of tribological properties of insulated and conductive polyimide composites. <i>Friction</i> , <b>2020</b> , 8, 507-516	5.6	9
272	Simultaneously improved dielectric constant and breakdown strength of PVDF/Nd-BaTiO <sub>3</sub> fiber composite films via the surface modification and subtle filler content modulation. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 128, 105675	8.4	29
271	Structural damage detections based on a general vibration model identification approach. <i>Mechanical Systems and Signal Processing</i> , <b>2019</b> , 123, 316-332	7.8	16

270	Enhanced transfer efficiency of ultrasonic motors with polyimide based frictional materials and surface texture. <i>Sensors and Actuators A: Physical</i> , <b>2019</b> , 295, 671-677	3.9	10
269	Noise reduction inside a cavity coupled to a flexible plate with embedded 2-D acoustic black holes. <i>Journal of Sound and Vibration</i> , <b>2019</b> , 455, 324-338	3.9	24
268	Improved tribological properties of polyimide composites by microflano reinforcement. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47900	2.9	11
267	Low reflection effect by 3D printed functionally graded acoustic black holes. <i>Journal of Sound and Vibration</i> , <b>2019</b> , 450, 96-108	3.9	27
266	Design methodology of a frequency up-converting energy harvester based on dual-cantilever and pendulum structures. <i>AIP Advances</i> , <b>2019</b> , 9, 045312	1.5	16
265	Ultra-high discharged energy density in PVDF based composites through inducing MnO <sub>2</sub> particles with optimized geometric structure. <i>Nano Energy</i> , <b>2019</b> , 65, 104007	17.1	26
264	Enhancement of vibration based energy harvesting using compound acoustic black holes. <i>Mechanical Systems and Signal Processing</i> , <b>2019</b> , 132, 441-456	7.8	32
263	Wavenumber domain analyses of vibro-acoustic decoupling and noise attenuation in a plate-cavity system enclosed by an acoustic black hole plate. <i>Journal of the Acoustical Society of America</i> , <b>2019</b> , 146, 72	2.2	15
262	The synergism of peak to peak value, frequency and superimposed DC bias voltage on electric-field-induced strain of PZT based-macro fiber composites. <i>Ceramics International</i> , <b>2019</b> , 45, 22067-22077	5.1	27
261	Flexible polyvinylidene fluoride based nanocomposites with high and stable piezoelectric performance over a wide temperature range utilizing the strong multi-interface effect. <i>Composites Science and Technology</i> , <b>2019</b> , 174, 33-41	8.6	13
260	Hysteresis modeling and tracking control for piezoelectric stack actuators using neural-Preisach model. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2019</b> , 61, 445-459	0.4	6
259	Effect of surface roughness and reciprocating time on the tribological properties of the polyimide composites. <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 483-489	2.3	8
258	Semi-active vibration control based on synchronously switched piezoelectric actuators. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2019</b> , 59, 299-307	0.4	5
257	A charge controlled driving power supply for hysteresis compensation of piezoelectric stack actuators. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2019</b> , 59, 281-290	0.4	4
256	Detection of delamination in laminated CFRP composites using eddy current testing: Simulation and experimental study. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2018</b> , 57, 177-192	0.4	12
255	Tunable piezoelectric performance of flexible PVDF based nanocomposites from MWCNTs/graphene/MnO <sub>2</sub> three-dimensional architectures under low poling electric fields. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 107, 536-544	8.4	25
254	Effect of Cr <sub>2</sub> O <sub>3</sub> modification on dielectric, ferroelectric and field-induced strain properties of 0.18Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.82Pb(Zr <sub>0.49</sub> Ti <sub>0.51</sub> )O <sub>3</sub> ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 3602-3610	2.1	2
253	Analysis of ray trajectories of flexural waves propagating over generalized acoustic black hole indentations. <i>Journal of Sound and Vibration</i> , <b>2018</b> , 417, 216-226	3.9	31

252	Interlaminar contact resistivity and its influence on eddy currents in carbon fiber reinforced polymer laminates. <i>NDT and E International</i> , <b>2018</b> , 94, 79-91	4.1	20
251	High discharged energy density of polymer nanocomposites induced by Nd-doped BaTiO <sub>3</sub> nanoparticles. <i>Journal of Materiomics</i> , <b>2018</b> , 4, 44-50	6.7	20
250	An improved delamination fatigue cohesive interface model for complex three-dimensional multi-interface cases. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 107, 633-646	8.4	14
249	Reciprocating friction and wear of polyimide composites filled with solid lubricants. <i>Journal of Polymer Engineering</i> , <b>2018</b> , 38, 363-370	1.4	3
248	Superharmonic vibration and its reduction in SSD control by increase of voltage inversion time. <i>Smart Materials and Structures</i> , <b>2018</b> , 27, 085007	3.4	2
247	Effect of rolling temperature on the microstructure and electric properties of polyvinylidene fluoride films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 15957-15965	2.1	9
246	Effects of annealing process and the additive on the electrical properties of chemical solution deposition derived 0.65Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.35PbTiO <sub>3</sub> thin films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 16997-17002	2.1	2
245	High breakdown strength and outstanding piezoelectric performance in flexible PVDF based percolative nanocomposites through the synergistic effect of topological-structure and composition modulations. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 114, 13-20	8.4	19
244	An internal resonance based frequency up-converting energy harvester. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2018</b> , 29, 2766-2781	2.3	23
243	Damage detection based on sparse virtual element boundary measurement using metal-core piezoelectric fiber. <i>Structural Health Monitoring</i> , <b>2018</b> , 17, 15-23	4.4	7
242	Investigations on flexural wave propagation and attenuation in a modified one-dimensional acoustic black hole using a laser excitation technique. <i>Mechanical Systems and Signal Processing</i> , <b>2018</b> , 104, 19-35	7.8	44
241	A piezoelectric spring pendulum oscillator used for multi-directional and ultra-low frequency vibration energy harvesting. <i>Applied Energy</i> , <b>2018</b> , 231, 600-614	10.7	118
240	Piezoelectric Spring Pendulum Oscillator for Animal/Human Motion Energy Harvesting <b>2018</b> ,		1
239	Effect of the orientation on the ferroelectricity, dielectricity and magnetoelectric coupling in the bilayered Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> film-on-CoFe <sub>2</sub> O <sub>4</sub> bulk ceramic composites. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 762, 574-578	5.7	6
238	Numerical analysis on shape memory alloy based adaptive shock control bump. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2018</b> , 29, 3055-3066	2.3	5
237	Crystalline Structure, Defect Chemistry and Room Temperature Colossal Permittivity of Nd-doped Barium Titanate. <i>Scientific Reports</i> , <b>2017</b> , 7, 42274	4.9	62
236	Characterization of fatigue damages in composite laminates using Lamb wave velocity and prediction of residual life. <i>Composite Structures</i> , <b>2017</b> , 166, 219-228	5.3	31
235	Effects of Mn doping on dielectric and ferroelectric characteristics of lead-free (K, Na, Li)NbO <sub>3</sub> thin films grown by chemical solution deposition. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 487-492	2.1	2

234	High precision ultrasonic guided wave technique for inspection of power transmission line. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , <b>2017</b> , 30, 170-179	2.5	2
233	Application of low frequency ECT method in noncontact detection and visualization of CFRP material. <i>Composites Part B: Engineering</i> , <b>2017</b> , 110, 141-152	10	46
232	Exploiting the instability of smart structure for reconfiguration. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 064102	9.4	5
231	Numerical analysis on thermo-mechanical behavior of shape memory alloy strip with two-way shape memory effect. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2017</b> , 28, 2298-2304	2.3	2
230	A 2-degree-of-freedom cubic nonlinear piezoelectric harvester intended for practical low-frequency vibration. <i>Sensors and Actuators A: Physical</i> , <b>2017</b> , 264, 1-10	3.9	41
229	Dielectric and energy storage performances of PVDF-based composites with colossal permittivity Nd-doped BaTiO <sub>3</sub> nanoparticles as the filler. <i>AIP Advances</i> , <b>2017</b> , 7, 125104	1.5	21
228	Elucidating the effects of high temperature mixing method under hydrothermal condition (HTMM) on grain refinements and assembling structures. <i>Powder Technology</i> , <b>2017</b> , 305, 440-446	5.2	
227	The effect of LaNiO <sub>3</sub> thickness on the magnetoelectric response of Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> film-on-CoFe <sub>2</sub> O <sub>4</sub> ceramic composites. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 541-549	4.3	5
226	Low-temperature sintering and enhanced dielectric properties of alkali niobate ceramics prepared from solvothermally synthesized nanopowders. <i>Ceramics International</i> , <b>2017</b> , 43, 1135-1144	5.1	14
225	Semi-active vibration control based on unsymmetrical synchronized switching damping: Circuit design. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2016</b> , 27, 1106-1120	2.3	6
224	Decentralized active control of turbulent boundary induced noise and vibration: a numerical investigation. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 3821-3839	2	5
223	Influence of Zr/Ti atomic ratio and seed layer on the magnetoelectric coupling of Pb(Zr <sub>x</sub> Ti <sub>1-x</sub> )O <sub>3</sub> film-on-CoFe <sub>2</sub> O <sub>4</sub> bulk ceramic composites. <i>Ceramics International</i> , <b>2016</b> , 42, 14431-14437	5.1	7
222	Improved sintering activity and piezoelectric properties of PZT ceramics from hydrothermally synthesized powders with Pb excess. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 8573-8579	2.1	10
221	Effects of surfactant and reaction time on the formation and photocatalytic performance of Cu <sub>2</sub> S thin films grown in situ on Cu foil by hydrothermal method. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 685, 266-271	5.7	12
220	The effect of drilling-induced delamination on tensile strength and prediction of residual strength of carbon fiber-reinforced polymer laminate. <i>Journal of Composite Materials</i> , <b>2016</b> , 50, 3373-3384	2.7	12
219	MWCNTs-TiO <sub>2</sub> core-shell nanoassemblies for fabrication of poly(vinylidene fluoride) based composites with high breakdown strength and discharged energy density. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	11
218	A novel method for fatigue delamination simulation in composite laminates. <i>Composites Science and Technology</i> , <b>2016</b> , 128, 104-115	8.6	15
217	Reconstruction of the nine stiffness coefficients of composites using a laser generation based imaging method. <i>Composites Science and Technology</i> , <b>2016</b> , 126, 27-34	8.6	16

216	Semi-active vibration control based on unsymmetrical synchronized switch damping: Analysis and experimental validation of control performance. <i>Journal of Sound and Vibration</i> , <b>2016</b> , 370, 1-22	3.9	19
215	Multi-damage localization on large complex structures through an extended delay-and-sum based method. <i>Structural Health Monitoring</i> , <b>2016</b> , 15, 50-64	4.4	29
214	Dramatically improved piezoelectric properties of poly(vinylidene fluoride) composites by incorporating aligned TiO <sub>2</sub> @MWCNTs. <i>Composites Science and Technology</i> , <b>2016</b> , 123, 259-267	8.6	48
213	Self-powered semi-passive vibration damping system based on self-sensing approach <b>2016</b> ,		1
212	Stabilized temperature-dependent dielectric properties of Dy-doped BaTiO <sub>3</sub> ceramics derived from sol-hydrothermally synthesized nanopowders. <i>Ceramics International</i> , <b>2016</b> , 42, 3170-3176	5.1	30
211	Novel NDT methods for composite materials in aerospace structures. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2016</b> , 52, 25-33	0.4	1
210	Wave Energy Focalization in a Plate With Imperfect Two-Dimensional Acoustic Black Hole Indentation. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>2016</b> , 138,	1.6	35
209	Research advances in eddy current testing for maintenance of carbon fiber reinforced plastic composites. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2016</b> , 51, 261-284	0.4	24
208	Adaptive control with hysteresis compensation for piezoelectric actuators. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2016</b> , 52, 843-850	0.4	2
207	A metastable cubic phase of sodium niobate nanoparticles stabilized by chemically bonded solvent molecules. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 33171-33179	3.6	11
206	Effects of annealing temperature on structure and electrical properties of (Na, K)NbO <sub>3</sub> thin films grown by RF magnetron sputtering deposition. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 899-905	2.1	5
205	Characterization of acoustic black hole effect using a one-dimensional fully-coupled and wavelet-decomposed semi-analytical model. <i>Journal of Sound and Vibration</i> , <b>2016</b> , 374, 172-184	3.9	91
204	Active control of sound transmission using a hybrid/blind decentralized control approach. <i>JVC/Journal of Vibration and Control</i> , <b>2015</b> , 21, 2661-2684	2	3
203	Achieving high performance electric field induced strain: a rational design of hyperbranched aromatic polyamide functionalized graphene-polyurethane dielectric elastomer composites. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 4521-30	3.4	43
202	Comparative investigations on dielectric, piezoelectric properties and humidity resistance of PZT <sub>5</sub> BKN and PZT <sub>5</sub> BNN ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 2897-2904	2.1	8
201	Insight into influence of conducting polymer functionalized graphene on electromechanical activity of polyurethane-based intelligent shape-changing composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 3730-3738	2.1	10
200	Adaptive synchronized switch harvesting: A new piezoelectric energy harvesting scheme for wideband vibrations. <i>Sensors and Actuators A: Physical</i> , <b>2015</b> , 226, 21-36	3.9	19
199	Dielectric, mechanical and electro-stimulus response properties studies of polyurethane dielectric elastomer modified by carbon nanotube-graphene nanosheet hybrid fillers. <i>Polymer Testing</i> , <b>2015</b> , 47, 4-11	4.5	43

198	An imaging method for impact localization using metal-core piezoelectric fiber rosettes. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2015</b> , 26, 2205-2215	2.3	9
197	Copper Phthalocyanine Oligomer Noncovalent Functionalized Graphene-Polyurethane Dielectric Elastomer Composites for Flexible Micro-Actuator. <i>Soft Materials</i> , <b>2015</b> , 13, 210-218	1.7	17
196	Novel electromagnetic modeling approach of carbon fiber-reinforced polymer laminate for calculation of eddy currents and eddy current testing signals. <i>Journal of Composite Materials</i> , <b>2015</b> , 49, 617-631	2.7	30
195	Low-temperature solid-state synthesis and optical properties of ZnO/CdS nanocomposites. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 618, 67-72	5.7	21
194	Solvothermal synthesis of BaTiO <sub>3</sub> nanoparticles from K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> precursors. <i>Research on Chemical Intermediates</i> , <b>2015</b> , 41, 4851-4859	2.8	4
193	Damage localization using warped frequency transform in active structural health monitoring. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2015</b> , 47, 897-909	0.4	7
192	A general and simple method to synthesize well-crystallized nanostructured vanadium oxides for high performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9385-9389	13	39
191	Enhanced dielectric tunability of Ba <sub>x</sub> Sr <sub>1-x</sub> TiO <sub>3</sub> /MgO composite ceramics co-modified with CuO and MnO <sub>2</sub> . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 2107-2112	2.1	8
190	Solvothermal Synthesis and Formation Mechanism of Potassium Sodium Niobate Mesocrystals Under Low Alkaline Conditions. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 4934-40	1.3	5
189	Effects of excess sulfur source on the formation and photocatalytic properties of flower-like MoS <sub>2</sub> spheres by hydrothermal synthesis. <i>Materials Letters</i> , <b>2015</b> , 144, 153-156	3.3	52
188	Microwave-assisted sol/hydrothermal synthesis of tetragonal barium titanate nanoparticles with hollow morphologies. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 1597-1601	2.1	7
187	Lead-free (K, Na)NbO <sub>3</sub> thin films derived from chemical solution deposition modified with EDTA. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 1112-1116	2.1	10
186	Phase transition, microstructure, and dielectric properties of Li/Ta/Sb co-doped (K, Na)NbO <sub>3</sub> lead-free ceramics. <i>Ceramics International</i> , <b>2014</b> , 40, 4389-4394	5.1	20
185	Effect of temperature on the crystalline phase and dielectric and ferroelectric properties of poly(vinylidene fluoride) film. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2014</b> , 25, 858-864	2.3	11
184	Role of interlaminar interface on bulk conductivity and electrical anisotropy of CFRP laminates measured by eddy current method. <i>NDT and E International</i> , <b>2014</b> , 68, 1-12	4.1	44
183	Rod-like NaNbO <sub>3</sub> : mechanisms for stable solvothermal synthesis, temperature-mediated phase transitions and morphological evolution. <i>RSC Advances</i> , <b>2014</b> , 4, 15104-15110	3.7	14
182	Enhanced dielectric and ferroelectric properties induced by TiO <sub>2</sub> @MWCNTs nanoparticles in flexible poly(vinylidene fluoride) composites. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2014</b> , 65, 125-134	8.4	78
181	Enhanced piezoelectric properties of 0.55Pb(Ni <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.135PbZrO <sub>3</sub> -0.315PbTiO <sub>3</sub> ternary ceramics by optimizing sintering temperature. <i>Journal of Electroceramics</i> , <b>2014</b> , 32, 234-239	1.5	23



180	Enhanced electrical properties of multiwalled carbon nanotube/poly(vinylidene fluoride) films through a rolling process. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 2126-2137	2.1	15
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