

# S W Or

## List of Publications by Year in descending order

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228  
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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural transformation and ferroelectromagnetic behavior in single-phase $\text{Bi}_{1-x}\text{Nd}_x\text{FeO}_3$ multiferroic ceramics. Applied Physics Letters, 2006, 89, 052905.	3.3	455
2	Multiferroicity in polarized single-phase $\text{Bi}_{0.875}\text{Sm}_{0.125}\text{FeO}_3$ ceramics. Journal of Applied Physics, 2006, 100, 024109.	2.5	269
3	Enhanced piezoelectric and pyroelectric effects in single-phase multiferroic $\text{Bi}_{1-x}\text{Nd}_x\text{FeO}_3$ ( $x=0.15$ ) ceramics. Applied Physics Letters, 2006, 88, 062905.	3.3	198
4	Preparation and multi-properties of insulated single-phase $\text{BiFeO}_3$ ceramics. Solid State Communications, 2006, 138, 76-81.	1.9	169
5	Degradation Data-Driven Time-To-Failure Prognostics Approach for Rolling Element Bearings in Electrical Machines. IEEE Transactions on Industrial Electronics, 2019, 66, 529-539.	7.9	164
6	Raman scattering spectra and ferroelectric properties of $\text{Bi}_{1-x}\text{Nd}_x\text{FeO}_3$ ( $x=0.2$ ) multiferroic ceramics. Journal of Applied Physics, 2007, 101, 064101.	2.5	149
7	Structural transformation and ferroelectric-paraelectric phase transition in $\text{Bi}_{1-x}\text{La}_x\text{FeO}_3$ ( $x=0.1$ ) thin films. Journal of Applied Physics, 2007, 101, 024106.	2.8	145
8	Reduced ferroelectric coercivity in multiferroic $\text{Bi}_{0.825}\text{Nd}_{0.175}\text{FeO}_3$ thin film. Journal of Applied Physics, 2007, 101, 024106.	2.5	128
9	Converse magnetoelectric effect in laminated composites of $\text{PMN-PT}$ single crystal and Terfenol-D alloy. Applied Physics Letters, 2006, 88, 242902.	3.3	125
10	Enhanced magnetoelectric effect in longitudinal-transverse mode Terfenol-D-Pb( $\text{Mg}_{1/3}\text{Nb}_{2/3}$ ) $\text{O}_3$ -PbTiO <sub>3</sub> laminate composites with optimal crystal cut. Journal of Applied Physics, 2008, 103, .	2.5	96
11	Multiferroic Properties of Single-Phase $\text{Bi}_{0.85}\text{La}_{0.15}\text{FeO}_3$ Lead-Free Ceramics. Journal of the American Ceramic Society, 2006, 89, 3136-3139.	3.8	92
12	Optimal Coordinated Control of Multi-Renewable-to-Hydrogen Production System for Hydrogen Fueling Stations. IEEE Transactions on Industry Applications, 2022, 58, 2728-2739.	4.9	92
13	NiO/C nanocapsules with onion-like carbon shell as anode material for lithium ion batteries. Carbon, 2013, 60, 215-220.	10.3	79
14	Piezoelectric energy harvesting using shear mode $0.71\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3-0.29\text{PbTiO}_3$ single crystal cantilever. Applied Physics Letters, 2010, 96, .	3.3	77
15	Magneto-thermo-mechanical characterization of 1-3 type polymer-bonded Terfenol-D composites. Journal of Magnetism and Magnetic Materials, 2003, 263, 101-112.	2.3	73
16	Dynamic Magnetomechanical Behavior of Terfenol-D/Epoxy 1-3 Particulate Composites. IEEE Transactions on Magnetics, 2004, 40, 71-77.	2.1	72
17	Multiferroic properties of $\text{Ni}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ -Pb( $\text{Zr}_{0.53}\text{Ti}_{0.47}$ ) $\text{O}_3$ ceramic composites. Journal of Applied Physics, 2008, 104, .	2.5	72
18	The effect of magnetic nanoparticles on the morphology, ferroelectric, and magnetoelectric behaviors of CFO/P(VDF-TrFE) 0-3 nanocomposites. Journal of Applied Physics, 2009, 105, 054102.	2.5	72

#	ARTICLE	IF	CITATIONS
19	Aging-induced double ferroelectric hysteresis loops in BiFeO <sub>3</sub> multiferroic ceramic. Applied Physics Letters, 2007, 91, 122907.	3.3	70
20	Co <sub>3</sub> O <sub>4</sub> /C nanocapsules with onion-like carbon shells as anode material for lithium ion batteries. Electrochimica Acta, 2013, 100, 140-146.	5.2	68
21	Ring-type electric current sensor based on ring-shaped magnetoelectric laminate of epoxy-bonded Tb <sub>0.3</sub> Dy <sub>0.7</sub> Fe <sub>1.92</sub> short-fiber/NdFeB magnet magnetostrictive composite and Pb(Zr, Ti)O <sub>3</sub> piezoelectric ceramic. Journal of Applied Physics, 2010, 107, .	2.5	66
22	Dynamic magnetomechanical properties of Terfenol-D/epoxy pseudo 1-3 composites. Journal of Applied Physics, 2005, 97, 10M308.	2.5	61
23	First-principles study on the electronic and optical properties of Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> lead-free piezoelectric crystal. Journal of Applied Physics, 2010, 107, .	2.5	60
24	Ultrasonic wire-bond quality monitoring using piezoelectric sensor. Sensors and Actuators A: Physical, 1998, 65, 69-75.	4.1	59
25	Magnetostrictive compositeâ€“fiber Bragg grating (MCâ€“FBG) magnetic field sensor. Sensors and Actuators A: Physical, 2012, 173, 122-126.	4.1	56
26	Remaining Useful Life Prognosis Based on Ensemble Long Short-Term Memory Neural Network. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	52
27	Converse magnetoelectric effects in piezoelectricâ€“piezomagnetic layered composites. Composites Science and Technology, 2008, 68, 1440-1444.	7.8	50
28	High magnetoelectric effect in laminated composites of giant magnetostrictive alloy and lead-free piezoelectric ceramic. Journal of Applied Physics, 2007, 101, 104103.	2.5	49
29	Investigation on microwave absorption properties of CuO/Cu <sub>2</sub> O-coated Ni nanocapsules as wide-band microwave absorbers. RSC Advances, 2013, 3, 14590.	3.6	49
30	Magnetoelectric Behavior of Terfenol-D Composite and Lead Zirconate Titanate Ceramic Laminates. IEEE Transactions on Magnetics, 2004, 40, 2646-2648.	2.1	48
31	Short-term prediction of wind power and its ramp events based on semi-supervised generative adversarial network. International Journal of Electrical Power and Energy Systems, 2021, 125, 106411.	5.5	48
32	Dynamic magnetomechanical properties of [112]-oriented Terfenol-D/epoxy 1â€“3 magnetostrictive particulate composites. Journal of Applied Physics, 2003, 93, 8510-8512.	2.5	47
33	Exchange coupling and microwave absorption in core/shell-structured hard/soft ferrite-based CoFe <sub>2</sub> O <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> nanocapsules. AIP Advances, 2017, 7, .	1.3	47
34	Giant sharp converse magnetoelectric effect from the combination of a piezoelectric transformer with a piezoelectric/magnetostrictive laminated composite. Applied Physics Letters, 2008, 93, 113503.	3.3	46
35	Full Xâ€“Ku band microwave absorption by Fe(Mn)/Mn <sub>7</sub> C <sub>3</sub> /C core/shell/shell structured nanocapsules. Journal of Alloys and Compounds, 2011, 509, 9071-9075.	5.5	46
36	TiO <sub>2</sub> -nonstoichiometry dependence on piezoelectric properties and depolarization temperature of (Bi <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.94</sub> Ba <sub>0.06</sub> TiO <sub>3</sub> lead-free ceramics. Solid State Communications, 2005, 134, 659-663.	1.9	45

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37	Energy harvesting using a modified rectangular cymbal transducer based on $0.71\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.29\text{PbTiO}_3$ single crystal. Journal of Applied Physics, 2010, 107, .	2.5	43
38	Mode coupling in lead zirconate titanate/epoxy $1 \text{â€} 3$ piezocomposite rings. Journal of Applied Physics, 2001, 90, 4122-4129.	2.5	40
39	Realizing superior white LEDs with both high R9 and luminous efficacy by using dual red phosphors. RSC Advances, 2017, 7, 25964-25968.	3.6	40
40	Dynamics of an ultrasonic transducer used for wire bonding. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1998, 45, 1453-1460.	3.0	39
41	Electrical resistance load effect on magnetoelectric coupling of magnetostrictive/piezoelectric laminated composite. Journal of Alloys and Compounds, 2010, 500, 224-226.	5.5	39
42	P(VDF-TrFE) copolymer acoustic emission sensors. Sensors and Actuators A: Physical, 2000, 80, 237-241.	4.1	38
43	Smart Elasto-Magneto-Electric (EME) Sensors for Stress Monitoring of Steel Cables: Design Theory and Experimental Validation. Sensors, 2014, 14, 13644-13660.	3.8	38
44	Onion-like carbon coated CuO nanocapsules: A highly reversible anode material for lithium ion batteries. Journal of Alloys and Compounds, 2014, 587, 1-5.	5.5	38
45	Cylindrically shaped ultrasonic linear array fabricated using PIMNT/epoxy 1-3 piezoelectric composite. Sensors and Actuators A: Physical, 2013, 192, 69-75.	4.1	37
46	Piezocomposite ultrasonic transducer for high-frequency wire-bonding of microelectronics devices. Sensors and Actuators A: Physical, 2007, 133, 195-199.	4.1	36
47	Fine-grained multiferroic $\text{BaTiO}_3/(\text{Ni}_{0.5}\text{Zn}_{0.5})\text{Fe}_2\text{O}_4$ composite ceramics synthesized by novel powder-in-sol precursor hybrid processing route. Materials Research Bulletin, 2009, 44, 1339-1346.	5.2	35
48	Electrical, magnetic, and magnetoelectric characterization of fine-grained $\text{Pb}(\text{Zr}_{0.53}\text{Ti}_{0.47})\text{O}_3 \text{â€} (\text{Ni}_{0.5}\text{Zn}_{0.5})\text{Fe}_2\text{O}_4$ composite ceramics. Journal of Alloys and Compounds, 2011, 509, 6311-6316.	5.5	35
49	Structural evolutions and significantly reduced thermal degradation of red-emitting $\text{Sr}_{2-x}\text{Si}_5\text{N}_8\text{:Eu}^{2+}$ via carbon doping. Journal of Materials Chemistry C, 2017, 5, 8927-8935.	5.5	35
50	Enhanced magnetoelectric effect in Terfenol-D and flextensional cymbal laminates. Applied Physics Letters, 2006, 88, 182906.	3.3	34
51	Magnetoelectric effect from mechanically mediated torsional magnetic force effect in NdFeB magnets and shear piezoelectric effect in $0.7\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.3\text{PbTiO}_3$ single crystal. Applied Physics Letters, 2008, 92, .	3.3	34
52	Hydrothermal Synthesis of Three-Dimensional Hierarchical CuO Butterfly-Like Architectures. European Journal of Inorganic Chemistry, 2009, 2009, 168-173.	2.0	34
53	Self-assembled three-dimensional macroscopic graphene/MXene-based hydrogel as electrode for supercapacitor. APL Materials, 2020, 8, .	5.1	34
54	Effect of $\text{CoFe}_2\text{O}_4$ content on the dielectric and magnetoelectric properties in $\text{Pb}(\text{ZrTi})\text{O}_3/\text{CoFe}_2\text{O}_4$ composite. Journal of Electroceramics, 2008, 21, 398-400.	2.0	33

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55	Large strain response in acceptor- and donor-doped Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -based lead-free ceramics. <i>Journal of Materials Science</i> , 2011, 46, 5702-5708.	3.7	33
56	Synthesis and electromagnetic properties of Al/AlO <sub>x</sub> -coated Ni nanocapsules. <i>Materials Research Bulletin</i> , 2013, 48, 3887-3891.	5.2	32
57	FeSn <sub>2</sub> /defective onion-like carbon core-shell structured nanocapsules for high-frequency microwave absorption. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2605-2611.	5.5	30
58	Aging-induced, defect-mediated double ferroelectric hysteresis loops and large recoverable electrostrains in Mn-doped orthorhombic KNbO <sub>3</sub> -based ceramics. <i>Journal of Alloys and Compounds</i> , 2009, 480, L29-L32.	5.5	29
59	Ternary piezoelectric single-crystal PIMNT based 2-2 composite for ultrasonic transducer applications. <i>Sensors and Actuators A: Physical</i> , 2013, 196, 70-77.	4.1	29
60	Concurrent operational modes and enhanced current sensitivity in heterostructure of magnetolectric ring and piezoelectric transformer. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	29
61	Metal-organic framework-derived MnO/CoMn <sub>2</sub> O <sub>4</sub> @N-C nanorods with nanoparticle interstitial decoration in core@shell structure as improved bifunctional electrocatalytic cathodes for Li-O <sub>2</sub> batteries. <i>Electrochimica Acta</i> , 2020, 338, 135809.	5.2	29
62	Influence of a graphite shell on the thermal, magnetic and electromagnetic characteristics of Fe nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013, 548, 239-244.	5.5	28
63	Development of Elasto-Magneto-Electric (EME) Sensor for In-Service Cable Force Monitoring. <i>International Journal of Structural Stability and Dynamics</i> , 2016, 16, 1640016.	2.4	28
64	Giant resonance frequency tunable magnetolectric effect in a device of Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> drum transducer, NdFeB magnet, and Fe-core solenoid. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	27
65	Fe/amorphous SnO <sub>2</sub> core-shell structured nanocapsules for microwave absorptive and electrochemical performance. <i>RSC Advances</i> , 2014, 4, 51389-51394.	3.6	27
66	Sliding mode position control of medium stroke voice coil motor based on system identification observer. <i>IET Electric Power Applications</i> , 2015, 9, 620-627.	1.8	26
67	Magnetolectric and converse magnetolectric responses in Tb <sub>x</sub> Dy <sub>1-x</sub> Fe <sub>2</sub> alloy & Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )(1-x)Ti <sub>x</sub> O <sub>3</sub> crystal laminated composites. <i>Science Bulletin</i> , 2008, 53, 2129-2134.	9.0	25
68	Synthesis, characterization and microwave absorption of carbon-coated Cu nanocapsules. <i>Materials Research</i> , 2014, 17, 477-482.	1.3	25
69	Core/shell/shell-structured nickel/carbon/polyaniline nanocapsules with large absorbing bandwidth and absorber thickness range. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	24
70	Large magnetolectric effect from mechanically mediated magnetic field-induced strain effect in Ni-Mn-Ga single crystal and piezoelectric effect in PVDF polymer. <i>Journal of Alloys and Compounds</i> , 2010, 490, L5-L8.	5.5	23
71	Steel stress monitoring sensor based on elasto-magnetic effect and using magneto-electric laminated composite. <i>Journal of Applied Physics</i> , 2012, 111, 07E516.	2.5	23
72	Effect of combined magnetic bias and drive fields on dynamic magnetomechanical properties of Terfenol-D/epoxy 1-3 composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, L181-L185.	2.3	22

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73	Smart elasto-magneto-electric (EME) sensors for stress monitoring of steel structures in railway infrastructures. <i>Journal of Zhejiang University: Science A</i> , 2011, 12, 895-901.	2.4	22
74	Enhanced microwave electromagnetic properties of core/shell/shell-structured Ni/SiO <sub>2</sub> /polyaniline hexagonal nanoflake composites with preferred magnetization and polarization orientations. <i>Materials and Design</i> , 2018, 153, 190-202.	7.0	22
75	Spin configuration and magnetostrictive properties of Laves compounds Tb <sub>x</sub> Dy <sub>0.7-<i>x</i></sub> Pr <sub>0.3</sub> (Fe <sub>0.9</sub> B <sub>0.1</sub> ) <sub>1.93</sub> (0.10 $\hat{a}$ $\hat{c}$ $\hat{1}/2$ $\hat{x}$ $\hat{c}$ $\hat{1}/2$ 0.28). <i>Journal of Applied Physics</i> , 2006, 100, 023904.	2.5	21
76	Additional dc magnetic field response of magnetostrictive/piezoelectric magnetolectric Laminates by Lorentz force effect. <i>Journal of Applied Physics</i> , 2006, 100, 126102.	2.5	21
77	Lead-free magnetolectric laminated composite of Mn-doped Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> â€“BaTiO <sub>3</sub> single crystal and Tb <sub>0.3</sub> Dy <sub>0.7</sub> Fe <sub>1.92</sub> alloy. <i>Journal of Alloys and Compounds</i> , 2010, 496, L4-L6.	5.5	21
78	A 64-kHz sandwich transducer fabricated using pseudo 1-3 magnetostrictive composite. <i>IEEE Transactions on Magnetics</i> , 2006, 42, 47-50.	2.1	20
79	Large Magnetostriction in Epoxy-Bonded Terfenol-D Continuous-Fiber Composite With [112] Crystallographic Orientation. <i>IEEE Transactions on Magnetics</i> , 2006, 42, 3111-3113.	2.1	20
80	Giant magnetolectric effect in mechanically clamped heterostructures of magnetostrictive alloy and piezoelectric crystal-alloy cymbal. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	20
81	Magnetolectric voltage gain effect in a long-type magnetostrictive/piezoelectric heterostructure. <i>Applied Physics Letters</i> , 2009, 95, 143503.	3.3	20
82	Effect of phase transformation on the converse magnetolectric properties of a heterostructure of Ni <sub>49.2</sub> Mn <sub>29.6</sub> Ga <sub>21.2</sub> and 0.7PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> -0.3PbTiO <sub>3</sub> crystals. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	20
83	Hydrothermal self-assembly of hierarchical cobalt hyperbranches by a sodium tartrate-assisted route. <i>RSC Advances</i> , 2011, 1, 1287.	3.6	20
84	Microwave complex permeability of Fe <sub>3</sub> O <sub>4</sub> nanoflake composites with and without magnetic field-induced rotational orientation. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	20
85	Biomass-derived porous carbon materials with NiS nanoparticles for high performance supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14874-14883.	2.2	20
86	3D heterostructured cobalt oxide@layered double hydroxide coreâ€“shell networks on nickel foam for high-performance hybrid supercapacitor. <i>Dalton Transactions</i> , 2019, 48, 150-157.	3.3	20
87	A Low-Harmonic Control Method of Bidirectional Three-Phase <i>Z</i> -Source Converters for Vehicle-to-Grid Applications. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 464-477.	7.8	20
88	Dielectric behavior and phase transition in perovskite oxide Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> ) <sub>1-<i>x</i></sub> Ti <sub><i>x</i></sub> O <sub>3</sub> single crystal. <i>Journal of Applied Physics</i> , 2009, 105, 124109.	2.5	19
89	Electromagnetic wave absorption properties of mechanically mixed Nd <sub>2</sub> Fe <sub>14</sub> B/C microparticles. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2929-2932.	5.5	19
90	Microwave Absorbing Properties of NiFe <sub>2</sub> O <sub>4</sub> Nanosheets Synthesized Via a Simple Surfactant-Assisted Solution Route. <i>Materials Research</i> , 2016, 19, 1149-1154.	1.3	19



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109	dc magnetoelectric sensor based on direct coupling of Lorentz force effect in aluminum strip with transverse piezoelectric effect in $0.7\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.3\text{PbTiO}_3$ single-crystal plate. Journal of Applied Physics, 2010, 107, .	2.5	16
110	Gd <sub>5</sub> Si <sub>2</sub> Ge <sub>2</sub> composite for magnetostrictive actuator applications. Applied Physics Letters, 2004, 84, 4801-4803.	3.3	15
111	Magnetoelectric effect in laminate composite of magnets/ $0.7\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.3\text{PbTiO}_3$ single crystal. Applied Physics Letters, 2006, 88, 142504.	3.3	15
112	Piezoelectric energy harvesting based on shear mode $0.71\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.29\text{PbTiO}_3$ single crystals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 1419-1425.	3.0	15
113	Wireless Condition Monitoring of Train Traction Systems Using Magnetoelectric Passive Current Sensors. IEEE Sensors Journal, 2014, 14, 4305-4314.	4.7	15
114	Experimental Identification of a Self-Sensing Magnetorheological Damper Using Soft Computing. Journal of Engineering Mechanics - ASCE, 2015, 141, 04015001.	2.9	15
115	Core/shell-structured nickel cobaltite/onion-like carbon nanocapsules as improved anode material for lithium-ion batteries. Ceramics International, 2015, 41, 7511-7518.	4.8	15
116	High magnetostriction at low fields of epoxy/Tb <sub>1-x</sub> Pr <sub>x</sub> (Fe <sub>0.4</sub> Co <sub>0.6</sub> ) <sub>1.9</sub> composites. Journal of Alloys and Compounds, 2007, 427, 271-274.	5.5	14
117	PMN-PT single crystal and Terfenol-D alloy magnetoelectric laminated composites for electromagnetic device applications. Journal of the Ceramic Society of Japan, 2008, 116, 540-544.	1.1	14
118	High current sensitivity and large magnetoelectric effect in magnetostrictiveâ€ piezoelectric concentric ring. Journal of Applied Physics, 2014, 115, .	2.5	14
119	Effect of shell permutation on electromagnetic properties of ZnFeO <sub>4</sub> /(PANI, SiO <sub>2</sub> ) core/double-shell nanostructured disks. Journal of Applied Physics, 2015, 117, 17A505.	2.5	14
120	Cymbal actuator fabricated using (Na <sub>0.46</sub> K <sub>0.46</sub> Li <sub>0.08</sub> )NbO <sub>3</sub> lead-free piezoceramic. Journal of Electroceramics, 2006, 16, 385-388.	2.0	13
121	Dielectric, Magnetic and Magnetoelectric Properties of a Laminated Composite with 1-3 Connection. Solid State Phenomena, 2006, 111, 147-150.	0.3	13
122	Magnetomechanical properties of epoxy-bonded (Tb <sub>0.3</sub> Dy <sub>0.7</sub> ) <sub>1-x</sub> Pr <sub>x</sub> Fe <sub>1.55</sub> (O) $0 \leq x \leq 1$ BT /Over 035002.	2.8	13
123	Magnetoelectric effect in laminates of polymer-based pseudo- $\lambda \text{â€} 3$ (Tb <sub>0.3</sub> Dy <sub>0.7</sub> ) <sub>0.5</sub> Pr <sub>0.5</sub> Fe <sub>1.55</sub> composite and $0.3\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.7\text{PbTiO}_3$ single crystal. Applied Physics A: Materials Science and Processing, 2009, 97, 201-204.	2.3	13
124	Energy harvesting using multilayer structure based on $0.71\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3 \text{â€} 0.29\text{PbTiO}_3$ single crystal. Applied Physics A: Materials Science and Processing, 2010, 100, 125-128.	2.3	13
125	Formation and characterization of three-ply structured multiferroic Sm <sub>0.88</sub> Nd <sub>0.12</sub> Fe <sub>1.93</sub> â€Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> ceramic composites via a solid solution process. Journal of the European Ceramic Society, 2011, 31, 1753-1761.	5.7	13
126	The one-pot syntheses of Fe@(C, N) nanocapsules for electromagnetic absorption at gigahertz. Materials Letters, 2017, 198, 69-72.	2.6	13

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127	Magnetolectric effect in a parallel sandwich of magnetostrictive pseudo- $\lambda$ 3 composite and piezoelectric $\lambda$ 2 composite. Journal of Magnetism and Magnetic Materials, 2006, 304, e442-e444.	2.3	12
128	Converse magnetolectric effect in three-phase composites of piezoceramic, metal cap, and magnet. Journal of Applied Physics, 2007, 101, 09N508.	2.5	12
129	Anomalous Hall effect in quarternary Heusler-type Ni <sub>50</sub> Mn <sub>17</sub> Fe <sub>8</sub> Ga <sub>25</sub> melt-spun ribbons. Applied Physics Letters, 2009, 95, .	3.3	12
130	Broadband ultrasonic linear array using ternary PIN-PMN-PT single crystal. Review of Scientific Instruments, 2012, 83, 095001.	1.3	12
131	Gradient-Type Magnetolectric Current Sensor with Strong Multisource Noise Suppression. Sensors, 2018, 18, 588.	3.8	12
132	Magnetolectric effect in composites of magnet, metal-cap, and piezoceramic. Applied Physics A: Materials Science and Processing, 2007, 86, 525-528.	2.3	11
133	Structural, magnetic, and magnetostrictive properties of Laves (Tb <sub>0.3</sub> Dy <sub>0.7</sub> ) $\lambda$ xPrxFe <sub>1.55</sub> (0 $\lambda$ % $\lambda$ %0.4) alloys. Journal of Alloys and Compounds, 2009, 476, 24-27.	5.5	11
134	Magnetolectric effect in lead-free BNKLBT ceramic/terfenol-D continue fiber composite laminates. Journal of Applied Physics, 2010, 107, 093907.	2.5	11
135	High magnetolectric tuning effect in a polymer-based magnetostrictive-piezoelectric laminate under resonance drive. Journal of Applied Physics, 2012, 111, 07C717.	2.5	11
136	Interchange core/shell assembly of diluted magnetic semiconductor CeO <sub>2</sub> and ferromagnetic ferrite Fe <sub>3</sub> O <sub>4</sub> for microwave absorption. AIP Advances, 2017, 7, .	1.3	11
137	Unique electromagnetic loss properties of Co-doped ZnO Nanofiber. Materials Letters, 2019, 238, 271-274.	2.6	11
138	Giant magnetolectric effect in magnet-cymbal-solenoid current-to-voltage conversion device. Journal of Applied Physics, 2010, 107, 074509.	2.5	10
139	Magnetic field-induced strain and magnetolectric effects in sandwich composite of ferromagnetic shape memory Ni-Mn-Ga crystal and piezoelectric PVDF polymer. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 2147-2153.	3.0	10
140	Ultrahigh anisotropic damping in ferromagnetic shape memory Ni $\lambda$ Mn $\lambda$ Ga single crystal. Journal of Alloys and Compounds, 2010, 493, 565-568.	5.5	10
141	Low-pressure assisted solution synthesis of CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> -Cl perovskite solar cells. Ceramics International, 2018, 44, 11603-11609.	4.8	10
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