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List of Publications by Year
in descending order

228 papers	6,129 citations	81743 39 h-index	98622 67 g-index
232 all docs	232 docs citations	232 times ranked	5078 citing authors

#	Article	IF	Citations
1	Structural transformation and ferroelectromagnetic behavior in single-phase Bi1â^'xNdxFeO3 multiferroic ceramics. Applied Physics Letters, 2006, 89, 052905.	1.5	455
2	Multiferroicity in polarized single-phase Bi0.875Sm0.125FeO3 ceramics. Journal of Applied Physics, 2006, 100, 024109.	1.1	269
3	Enhanced piezoelectric and pyroelectric effects in single-phase multiferroic Bi1â^'xNdxFeO3 (x=0â€“0.15) ceramics. Applied Physics Letters, 2006, 88, 062905.	1.5	198
4	Preparation and multi-properties of insulated single-phase BiFeO3 ceramics. Solid State Communications, 2006, 138, 76-81.	0.9	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.	5.2	164
6	Raman scattering spectra and ferroelectric properties of Bi1â^'xNdxFeO3 (x=0â€“0.2) multiferroic ceramics. Journal of Applied Physics, 2007, 101, 064101.	1.1	149
7	Structural transformation and ferroelectricâ€“paraelectric phase transition in Bi1â^'xLaxFeO3(x=) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	145
8	Reduced ferroelectric coercivity in multiferroic Bi0.825Nd0.175FeO3 thin film. Journal of Applied Physics, 2007, 101, 024106.	1.1	128
9	Converse magnetoelectric effect in laminated composites of PMNâ€“PT single crystal and Terfenol-D alloy. Applied Physics Letters, 2006, 88, 242902.	1.5	125
10	Enhanced magnetoelectric effect in longitudinal-transverse mode Terfenol-Dâ•Pb(Mg1â•3Nb2â•3)O3â€“PbTiO3 laminate composites with optimal crystal cut. Journal of Applied Physics, 2008, 103, .	1.1	96
11	Multiferroic Properties of Single-Phase Bi0.85La0.15FeO3Lead-Free Ceramics. Journal of the American Ceramic Society, 2006, 89, 3136-3139.	1.9	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.	3.3	92
13	NiO/C nanocapsules with onion-like carbon shell as anode material for lithium ion batteries. Carbon, 2013, 60, 215-220.	5.4	79
14	Piezoelectric energy harvesting using shear mode 0.71Pb(Mg1/3Nb2/3)O3â€“0.29PbTiO3 single crystal cantilever. Applied Physics Letters, 2010, 96, .	1.5	77
15	Magneto-thermo-mechanical characterization of 1â€“3 type polymer-bonded Terfenol-D composites. Journal of Magnetism and Magnetic Materials, 2003, 263, 101-112.	1.0	73
16	Dynamic Magnetomechanical Behavior of Terfenol-D/Epoxy 1â€“3 Particulate Composites. IEEE Transactions on Magnetics, 2004, 40, 71-77.	1.2	72
17	Multiferroic properties of Ni0.5Zn0.5Fe2O4â€“Pb(Zr0.53Ti0.47)O3 ceramic composites. Journal of Applied Physics, 2008, 104, .	1.1	72
18	The effect of magnetic nanoparticles on the morphology, ferroelectric, and magnetoelectric behaviors of CFO/P(VDF-TrFE) 0â€“3 nanocomposites. Journal of Applied Physics, 2009, 105, 054102.	1.1	72

#	Article	IF	Citations
19	Aging-induced double ferroelectric hysteresis loops in BiFeO3 multiferroic ceramic. Applied Physics Letters, 2007, 91, 122907.	1.5	70
20	Co3O4/C nanocapsules with onion-like carbon shells as anode material for lithium ion batteries. Electrochimica Acta, 2013, 100, 140-146.	2.6	68
21	Ring-type electric current sensor based on ring-shaped magnetoelectric laminate of epoxy-bonded Tb0.3Dy0.7Fe1.92 short-fiber/NdFeB magnet magnetostrictive composite and Pb(Zr, Ti)O3 piezoelectric ceramic. Journal of Applied Physics, 2010, 107, .	1.1	66
22	Dynamic magnetomechanical properties of Terfenol-D/epoxy pseudo 1-3 composites. Journal of Applied Physics, 2005, 97, 10M308.	1.1	61
23	First-principles study on the electronic and optical properties of Na0.5Bi0.5TiO3 lead-free piezoelectric crystal. Journal of Applied Physics, 2010, 107, .	1.1	60
24	Ultrasonic wire-bond quality monitoring using piezoelectric sensor. Sensors and Actuators A: Physical, 1998, 65, 69-75.	2.0	59
25	Magnetostrictive compositeâ€“fiber Bragg grating (MCâ€“FBG) magnetic field sensor. Sensors and Actuators A: Physical, 2012, 173, 122-126.	2.0	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.	2.4	52
27	Converse magnetoelectric effects in piezoelectricâ€“piezomagnetic layered composites. Composites Science and Technology, 2008, 68, 1440-1444.	3.8	50
28	High magnetoelectric effect in laminated composites of giant magnetostrictive alloy and lead-free piezoelectric ceramic. Journal of Applied Physics, 2007, 101, 104103.	1.1	49
29	Investigation on microwave absorption properties of CuO/Cu2O-coated Ni nanocapsules as wide-band microwave absorbers. RSC Advances, 2013, 3, 14590.	1.7	49
30	Magnetoelectric Behavior of Terfenol-D Composite and Lead Zirconate Titanate Ceramic Laminates. IEEE Transactions on Magnetics, 2004, 40, 2646-2648.	1.2	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.	3.3	48
32	Dynamic magnetomechanical properties of [112]-oriented Terfenol-D/epoxy 1â€“3 magnetostrictive particulate composites. Journal of Applied Physics, 2003, 93, 8510-8512.	1.1	47
33	Exchange coupling and microwave absorption in core/shell-structured hard/soft ferrite-based CoFe2O4/NiFe2O4 nanocapsules. AIP Advances, 2017, 7, .	0.6	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.	1.5	46
35	Full Xâ€“Ku band microwave absorption by Fe(Mn)/Mn7C3/C core/shell/shell structured nanocapsules. Journal of Alloys and Compounds, 2011, 509, 9071-9075.	2.8	46
36	TiO2-nonstoichiometry dependence on piezoelectric properties and depolarization temperature of (Bi0.5Na0.5)0.94Ba0.06TiO3 lead-free ceramics. Solid State Communications, 2005, 134, 659-663.	0.9	45

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37	Energy harvesting using a modified rectangular cymbal transducer based on 0.71Pb(Mg1/3Nb2/3)O3â€“0.29PbTiO3 single crystal. Journal of Applied Physics, 2010, 107, .	1.1	43
38	Mode coupling in lead zirconate titanate/epoxy 1â€“3 piezocomposite rings. Journal of Applied Physics, 2001, 90, 4122-4129.	1.1	40
39	Realizing superior white LEDs with both high R9 and luminous efficacy by using dual red phosphors. RSC Advances, 2017, 7, 25964-25968.	1.7	40
40	Dynamics of an ultrasonic transducer used for wire bonding. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1998, 45, 1453-1460.	1.7	39
41	Electrical resistance load effect on magnetoelectric coupling of magnetostrictive/piezoelectric laminated composite. Journal of Alloys and Compounds, 2010, 500, 224-226.	2.8	39
42	P(VDF-TrFE) copolymer acoustic emission sensors. Sensors and Actuators A: Physical, 2000, 80, 237-241.	2.0	38
43	Smart Elasto-Magneto-Electric (EME) Sensors for Stress Monitoring of Steel Cables: Design Theory and Experimental Validation. Sensors, 2014, 14, 13644-13660.	2.1	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.	2.8	38
45	Cylindrically shaped ultrasonic linear array fabricated using PIMNT/epoxy 1-3 piezoelectric composite. Sensors and Actuators A: Physical, 2013, 192, 69-75.	2.0	37
46	Piezocomposite ultrasonic transducer for high-frequency wire-bonding of microelectronics devices. Sensors and Actuators A: Physical, 2007, 133, 195-199.	2.0	36
47	Fine-grained multiferroic BaTiO3/(Ni0.5Zn0.5)Fe2O4 composite ceramics synthesized by novel powder-in-sol precursor hybrid processing route. Materials Research Bulletin, 2009, 44, 1339-1346.	2.7	35
48	Electrical, magnetic, and magnetoelectric characterization of fine-grained Pb(Zr0.53Ti0.47)O3â€“(Ni0.5Zn0.5)Fe2O4 composite ceramics. Journal of Alloys and Compounds, 2011, 509, 6311-6316.	2.8	35
49	Structural evolutions and significantly reduced thermal degradation of red-emitting Sr₂Si₅N₈:Eu²⁺via carbon doping. Journal of Materials Chemistry C, 2017, 5, 8927-8935.	2.7	35
50	Enhanced magnetoelectric effect in Terfenol-D and flextensional cymbal laminates. Applied Physics Letters, 2006, 88, 182906.	1.5	34
51	Magnetoelectric effect from mechanically mediated torsional magnetic force effect in NdFeB magnets and shear piezoelectric effect in 0.7Pb(Mg1â^•3Nb2â^•3)O3â€“0.3PbTiO3 single crystal. Applied Physics Letters, 2008, 92, .	1.5	34
52	Hydrothermal Synthesis of Three-Dimensional Hierarchical CuO Butterfly-Like Architectures. European Journal of Inorganic Chemistry, 2009, 2009, 168-173.	1.0	34
53	Self-assembled three-dimensional macroscopic graphene/MXene-based hydrogel as electrode for supercapacitor. APL Materials, 2020, 8, .	2.2	34
54	Effect of CoFe2O4 content on the dielectric and magnetoelectric properties in Pb(ZrTi)O3/CoFe2O4 composite. Journal of Electroceramics, 2008, 21, 398-400.	0.8	33

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55	Large strain response in acceptor- and donor-doped Bi0.5Na0.5TiO3-based lead-free ceramics. Journal of Materials Science, 2011, 46, 5702-5708.	1.7	33
56	Synthesis and electromagnetic properties of Al/AlOx-coated Ni nanocapsules. Materials Research Bulletin, 2013, 48, 3887-3891.	2.7	32
57	FeSn2/defective onion-like carbon core-shell structured nanocapsules for high-frequency microwave absorption. Journal of Alloys and Compounds, 2017, 695, 2605-2611.	2.8	30
58	Aging-induced, defect-mediated double ferroelectric hysteresis loops and large recoverable electrostrains in Mn-doped orthorhombic KNbO3-based ceramics. Journal of Alloys and Compounds, 2009, 480, L29-L32.	2.8	29
59	Ternary piezoelectric single-crystal PIMNT based 2-2 composite for ultrasonic transducer applications. Sensors and Actuators A: Physical, 2013, 196, 70-77.	2.0	29
60	Concurrent operational modes and enhanced current sensitivity in heterostructure of magnetoelectric ring and piezoelectric transformer. Journal of Applied Physics, 2013, 113, .	1.1	29
61	Metalâ€“organic framework-derived MnO/CoMn2O4@Nâ€“C nanorods with nanoparticle interstitial decoration in core@shell structure as improved bifunctional electrocatalytic cathodes for Liâ€“O2 batteries. Electrochimica Acta, 2020, 338, 135809.	2.6	29
62	Influence of a graphite shell on the thermal, magnetic and electromagnetic characteristics of Fe nanoparticles. Journal of Alloys and Compounds, 2013, 548, 239-244.	2.8	28
63	Development of Elasto-Magneto-Electric (EME) Sensor for In-Service Cable Force Monitoring. International Journal of Structural Stability and Dynamics, 2016, 16, 1640016.	1.5	28
64	Giant resonance frequency tunable magnetoelectric effect in a device of Pb(Zr0.52Ti0.48)O3 drum transducer, NdFeB magnet, and Fe-core solenoid. Applied Physics Letters, 2010, 96, .	1.5	27
65	Fe/amorphous SnO₂coreâ€“shell structured nanocapsules for microwave absorptive and electrochemical performance. RSC Advances, 2014, 4, 51389-51394.	1.7	27
66	Slidingâ€mode position control of mediumâ€stroke voice coil motor based on system identification observer. IET Electric Power Applications, 2015, 9, 620-627.	1.1	26
67	Magnetoelectric and converse magnetoelectric responses in Tb x Dy1â^'xFe2â^'y alloy & Pb(Mg1/3Nb2/3)(1â^'x)TixO3 crystal laminated composites. Science Bulletin, 2008, 53, 2129-2134.	4.3	25
68	Synthesis, characterization and microwave absorption of carbon-coated Cu nanocapsules. Materials Research, 2014, 17, 477-482.	0.6	25
69	Core/shell/shell-structured nickel/carbon/polyaniline nanocapsules with large absorbing bandwidth and absorber thickness range. Journal of Applied Physics, 2014, 115, .	1.1	24
70	Large magnetoelectric effect from mechanically mediated magnetic field-induced strain effect in Niâ€“Mnâ€“Ga single crystal and piezoelectric effect in PVDF polymer. Journal of Alloys and Compounds, 2010, 490, L5-L8.	2.8	23
71	Steel stress monitoring sensor based on elasto-magnetic effect and using magneto-electric laminated composite. Journal of Applied Physics, 2012, 111, 07E516.	1.1	23
72	Effect of combined magnetic bias and drive fields on dynamic magnetomechanical properties of Terfenol-D/epoxy 1â€“3 composites. Journal of Magnetism and Magnetic Materials, 2003, 262, L181-L185.	1.0	22

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73	Smart elasto-magneto-electric (EME) sensors for stress monitoring of steel structures in railway infrastructures. Journal of Zhejiang University: Science A, 2011, 12, 895-901.	1.3	22
74	Enhanced microwave electromagnetic properties of core/shell/shell-structured Ni/SiO2/polyaniline hexagonal nanoflake composites with preferred magnetization and polarization orientations. Materials and Design, 2018, 153, 190-202.	3.3	22
75	Spin configuration and magnetostrictive properties of Laves compounds TbxDy0.7â^'xPr0.3(Fe0.9B0.1)1.93(0.10â©½xâ©½0.28). Journal of Applied Physics, 2006, 100, 023904.	1.1	21
76	Additional dc magnetic field response of magnetostrictive/piezoelectric magnetoelectric Laminates by Lorentz force effect. Journal of Applied Physics, 2006, 100, 126102.	1.1	21
77	Lead-free magnetoelectric laminated composite of Mn-doped Na0.5Bi0.5TiO3â€"BaTiO3 single crystal and Tb0.3Dy0.7Fe1.92 alloy. Journal of Alloys and Compounds, 2010, 496, L4-L6.	2.8	21
78	A 64-kHz sandwich transducer fabricated using pseudo 1-3 magnetostrictive composite. IEEE Transactions on Magnetics, 2006, 42, 47-50.	1.2	20
79	Large Magnetostriction in Epoxy-Bonded Terfenol-D Continuous-Fiber Composite With [112] Crystallographic Orientation. IEEE Transactions on Magnetics, 2006, 42, 3111-3113.	1.2	20
80	Giant magnetoelectric effect in mechanically clamped heterostructures of magnetostrictive alloy and piezoelectric crystal-alloy cymbal. Applied Physics Letters, 2008, 93, .	1.5	20
81	Magnetoelectric voltage gain effect in a long-type magnetostrictive/piezoelectric heterostructure. Applied Physics Letters, 2009, 95, 143503.	1.5	20
82	Effect of phase transformation on the converse magnetoelectric properties of a heterostructure of Ni49.2Mn29.6Ga21.2 and 0.7PbMg1/3Nb2/3O3-0.3PbTiO3 crystals. Applied Physics Letters, 2010, 96, .	1.5	20
83	Hydrothermal self-assembly of hierarchical cobalt hyperbranches by a sodium tartrate-assisted route. RSC Advances, 2011, 1, 1287.	1.7	20
84	Microwave complex permeability of Fe3O4 nanoflake composites with and without magnetic field-induced rotational orientation. Journal of Applied Physics, 2013, 113, .	1.1	20
85	Biomass-derived porous carbon materials with NiS nanoparticles for high performance supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 14874-14883.	1.1	20
86	3D heterostructured cobalt oxide@layered double hydroxide coreâ€"shell networks on nickel foam for high-performance hybrid supercapacitor. Dalton Transactions, 2019, 48, 150-157.	1.6	20
87	A Low-Harmonic Control Method of Bidirectional Three-Phase Z-Source Converters for Vehicle-to-Grid Applications. IEEE Transactions on Transportation Electrification, 2020, 6, 464-477.	5.3	20
88	Dielectric behavior and phase transition in perovskite oxide Pb(Fe1/2Nb1/2)1â^'xTixO3 single crystal. Journal of Applied Physics, 2009, 105, 124109.	1.1	19
89	Electromagnetic wave absorption properties of mechanically mixed Nd2Fe14B/C microparticles. Journal of Alloys and Compounds, 2011, 509, 2929-2932.	2.8	19
90	Microwave Absorbing Properties of NiFe2O4 Nanosheets Synthesized Via a Simple Surfactant-Assisted Solution Route. Materials Research, 2016, 19, 1149-1154.	0.6	19

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91	Core/shell-structured nickel/nitrogen-doped onion-like carbon nanocapsules with improved electromagnetic wave absorption properties. AIP Advances, 2016, 6, .	0.6	19
92	Magnetoelectric effect from the direct coupling of the Lorentz force from a brass ring with transverse piezoelectricity in a lead zirconate titanate (PZT) disk. Applied Physics A: Materials Science and Processing, 2007, 89, 1025-1027.	1.1	18
93	Development of Magnetorheological Dampers with Embedded Piezoelectric Force Sensors for Structural Vibration Control. Journal of Intelligent Material Systems and Structures, 2008, 19, 1327-1338.	1.4	18
94	Synthesis of fine-crystalline Ba0.6Sr0.4TiO3â€“MgO ceramics by novel hybrid processing route. Journal of Physics and Chemistry of Solids, 2009, 70, 1218-1222.	1.9	18
95	Dual-mode magnetoelectric effect in laminate composite of Terfenol-D alloy and PMNâ€“PT transformer with double output ports. Journal Physics D: Applied Physics, 2009, 42, 135414.	1.3	18
96	An Adaptive Fault Ride-Through Scheme for Grid-Forming Inverters Under Asymmetrical Grid Faults. IEEE Transactions on Industrial Electronics, 2022, 69, 12912-12923.	5.2	18
97	Hollow and solid spherical magnetostrictive particulate composites. Journal of Applied Physics, 2004, 96, 3362-3365.	1.1	17
98	Structural, Magnetic, and Magnetostrictive Properties of<tex>$hbox Tb_1-xhbox Nd_x(hbox) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	17
99	Dynamic magnetoelectric effect in polymer-based laminate composite. Journal of Alloys and Compounds, 2008, 448, 89-95.	2.8	17
100	Bidirectional current-voltage converters based on magnetostrictive/piezoelectric composites. Applied Physics Letters, 2009, 94, 263504.	1.5	17
101	Enhanced magnetoelectric effect in heterostructure of magnetostrictive alloy bars and piezoelectric single-crystal transformer. Review of Scientific Instruments, 2011, 82, 013903.	0.6	17
102	Large Scale Synthesis of Superparamagnetic Face-centered Cubic Co/C Nanocapsules by a Facile Hydrothermal Method and their Microwave Absorbing Properties. Materials Research, 2015, 18, 756-762.	0.6	17
103	Effect of electrode pattern on the outputs of piezosensors for wire bonding process control. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 99, 121-126.	1.7	16
104	Dynamic magnetoelastic properties of epoxy-bonded terfenol-D particulate composite with a preferred [112] crystallographic orientation. IEEE Transactions on Magnetics, 2005, 41, 2790-2792.	1.2	16
105	Analysis of vibration power flow from a vibrating machinery to a floating elastic panel. Mechanical Systems and Signal Processing, 2007, 21, 389-404.	4.4	16
106	Phase transition-induced high electromechanical activity in [(K0.5Na0.5)1â^'xLix](Nb0.8Ta0.2)O3 lead-free ceramic system. Journal of Alloys and Compounds, 2009, 480, L5-L8.	2.8	16
107	Resonance converse magnetoelectric effect in a dual-mode bilayered composite of Pb(Mg1/3Nb2/3)O3â€“PbTiO3 and Tb0.3Dy0.7Fe1.92. Journal of Alloys and Compounds, 2009, 487, 450-452.	2.8	16
108	Cryogenic dielectric and piezoelectric activities in rhombohedral (1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (â^'x)Pb(Mg<sub> crystals with different crystallographic orientations. Journal Physics D: Applied Physics, 2009, 42, 182001.	1.3	16

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109	dc magnetoelectric sensor based on direct coupling of Lorentz force effect in aluminum strip with transverse piezoelectric effect in 0.7Pb(Mg1/3Nb2/3)O3â€“0.3PbTiO3 single-crystal plate. Journal of Applied Physics, 2010, 107, .	1.1	16
110	Gd5Si2Ge2 composite for magnetostrictive actuator applications. Applied Physics Letters, 2004, 84, 4801-4803.	1.5	15
111	Magnetoelectric effect in laminate composite of magnets/0.7Pb(Mg1âˆ•3Nb2âˆ•3)O3â€“0.3PbTiO3 single crystal. Applied Physics Letters, 2006, 88, 142504.	1.5	15
112	Piezoelectric energy harvesting based on shear mode 0.71Pb(Mg_{1/3}Nb_{2/3})O₃-0.29PbTiO₃ single crystals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 1419-1425.	1.7	15
113	Wireless Condition Monitoring of Train Traction Systems Using Magnetoelectric Passive Current Sensors. IEEE Sensors Journal, 2014, 14, 4305-4314.	2.4	15
114	Experimental Identification of a Self-Sensing Magnetorheological Damper Using Soft Computing. Journal of Engineering Mechanics - ASCE, 2015, 141, 04015001.	1.6	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.	2.3	15
116	High magnetostriction at low fields of epoxy/Tb1âˆ’xPrx(Fe0.4Co0.6)1.9 composites. Journal of Alloys and Compounds, 2007, 427, 271-274.	2.8	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.	0.5	14
118	High current sensitivity and large magnetoelectric effect in magnetostrictiveâ€“piezoelectric concentric ring. Journal of Applied Physics, 2014, 115, .	1.1	14
119	Effect of shell permutation on electromagnetic properties of ZnFeO4/(PANI, SiO2) core/double-shell nanostructured disks. Journal of Applied Physics, 2015, 117, 17A505.	1.1	14
120	Cymbal actuator fabricated using (Na0.46K0.46Li0.08)NbO3 lead-free piezoceramic. Journal of Electroceramics, 2006, 16, 385-388.	0.8	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_{0.3}Dy_{0.7})_{1âˆ’x}Pr_xFe_{1.55}(0) Tj ETQq0 0 0 rgBT /Overl 035002.	1.3	13
123	Magnetoelectric effect in laminates of polymer-based pseudo-1â€“3 (Tb0.3Dy0.7)0.5Pr0.5Fe1.55 composite andÂ0.3Pb(Mg1/3Nb2/3)O3â€“0.7PbTiO3 single crystal. Applied Physics A: Materials Science and Processing, 2009, 97, 201-204.	1.1	13
124	Energy harvesting using multilayer structure based onÂ0.71Pb(Mg1/3Nb2/3)O3â€“0.29PbTiO3 single crystal. Applied Physics A: Materials Science and Processing, 2010, 100, 125-128.	1.1	13
125	Formation and characterization of three-ply structured multiferroic Sm0.88Nd0.12Fe1.93â€“Pb(Zr0.53Ti0.47)O3 ceramic composites via a solid solution process. Journal of the European Ceramic Society, 2011, 31, 1753-1761.	2.8	13
126	The one-pot syntheses of Fe@(C, N) nanocapsules for electromagnetic absorption at gigahertz. Materials Letters, 2017, 198, 69-72.	1.3	13

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127	Magnetoelectric effect in a parallel sandwich of magnetostrictive pseudo-1â€“3 composite and piezoelectric 2â€“2 composite. Journal of Magnetism and Magnetic Materials, 2006, 304, e442-e444.	1.0	12
128	Converse magnetoelectric effect in three-phase composites of piezoceramic, metal cap, and magnet. Journal of Applied Physics, 2007, 101, 09N508.	1.1	12
129	Anomalous Hall effect in quarternary Heusler-type Ni50Mn17Fe8Ga25 melt-spun ribbons. Applied Physics Letters, 2009, 95, .	1.5	12
130	Broadband ultrasonic linear array using ternary PIN-PMN-PT single crystal. Review of Scientific Instruments, 2012, 83, 095001.	0.6	12
131	Gradient-Type Magnetoelectric Current Sensor with Strong Multisource Noise Suppression. Sensors, 2018, 18, 588.	2.1	12
132	Magnetoelectric effect in composites of magnet, metal-cap, and piezoceramic. Applied Physics A: Materials Science and Processing, 2007, 86, 525-528.	1.1	11
133	Structural, magnetic, and magnetostrictive properties of Laves (Tb0.3Dy0.7)1â^'xPrxFe1.55 (0â‰¤xâ‰¤0.4) alloys. Journal of Alloys and Compounds, 2009, 476, 24-27.	2.8	11
134	Magnetoelectric effect in lead-free BNKLBT ceramic/terfenol-D continue fiber composite laminates. Journal of Applied Physics, 2010, 107, 093907.	1.1	11
135	High magnetoelectric tuning effect in a polymer-based magnetostrictive-piezoelectric laminate under resonance drive. Journal of Applied Physics, 2012, 111, 07C717.	1.1	11
136	Interchange core/shell assembly of diluted magnetic semiconductor CeO2 and ferromagnetic ferrite Fe3O4 for microwave absorption. AIP Advances, 2017, 7, .	0.6	11
137	Unique electromagnetic loss properties of Co-doped ZnO Nanofiber. Materials Letters, 2019, 238, 271-274.	1.3	11
138	Giant magnetoelectric effect in magnet-cymbal-solenoid current-to-voltage conversion device. Journal of Applied Physics, 2010, 107, 074509.	1.1	10
139	Magnetic field-induced strain and magnetoelectric 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.	1.7	10
140	Ultrahigh anisotropic damping in ferromagnetic shape memory Niâ€“Mnâ€“Ga single crystal. Journal of Alloys and Compounds, 2010, 493, 565-568.	2.8	10
141	Low-pressure assisted solution synthesis of CH3NH3PbI3-Cl perovskite solar cells. Ceramics International, 2018, 44, 11603-11609.	2.3	10
142	Magnetoelastic properties of polymer-bonded Sm0.88Dy0.12Fe1.93 pseudo-1â€“3 composites. Journal of Magnetism and Magnetic Materials, 2005, 293, 908-912.	1.0	9
143	Magnetic and Magnetostrictive Properties of Tb$_x$Dy$_0.7 - x$Pr$_0.3$(Fe$_0.9$B$_0.1$)$_1.93$Compounds and Their Composites. IEEE Transactions on Magnetics, 2006, 42, 3114-3116.	1.2	9
144	Design optimization of machinery mounting systems with an elastic support structure. Engineering Optimization, 2007, 39, 229-244.	1.5	9

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145	dc- and ac-magnetic field-induced strain effects in ferromagnetic shape memory composites of Niâ€“Mnâ€“Ga single crystal and polyurethane polymer. Journal of Applied Physics, 2010, 107, 09A942.	1.1	9
146	Magnetomechanical properties of epoxy-bonded Sm1â^'xNdxFe1.55 (0â‰¤xâ‰¤0.56) pseudo-1â€“3 magnetostrictive particulate composites. Journal of Alloys and Compounds, 2011, 509, 4954-4957.	2.8	9
147	Giant reversible magnetocaloric effect in flower-like Î²-Co(OH)2 hierarchical superstructures self-assembled by nanosheets. Materials Research, 2014, 17, 186-189.	0.6	9
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