

Yiping Guo

List of Publications by Year in descending order

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186
papers

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36303

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citing authors

#	ARTICLE	IF	CITATIONS
1	Excellent thermal stability and enhanced piezoelectric performance of Bi(Ni _{2/3} Nb _{1/3})O ₃ -modified BiFeO ₃ BaTiO ₃ ceramics. Journal of the American Ceramic Society, 2022, 105, 317-326.	3.8	14
2	Analytical Derivation of Urban Runoff-Volume Frequency Models. Journal of Sustainable Water in the Built Environment, 2022, 8, .	1.6	3
3	Hierarchically designed nanocomposites for triboelectric nanogenerator toward biomechanical energy harvester and smart home system. Nano Energy, 2022, 95, 107047.	16.0	23
4	Enhanced Visible Photocatalytic Hydrogen Evolution of KN-Based Semiconducting Ferroelectrics via Band-Gap Engineering and High-Field Poling. ACS Applied Materials & Interfaces, 2022, 14, 8916-8930.	8.0	18
5	Engineering the Defects and Microstructures in Ferroelectrics for Enhanced/Novel Properties: An Emerging Way to Cope with Energy Crisis and Environmental Pollution. Advanced Science, 2022, 9, e2105368.	11.2	46
6	Analytical Equations for Direct Quantification of Green Roofs™ Hydrologic Performance Statistics. Journal of Hydrologic Engineering - ASCE, 2022, 27, .	1.9	3
7	Achieving Ultrahigh Photocurrent Density of Mg/Mn-Modified KNbO ₃ Ferroelectric Semiconductors by Bandgap Engineering and Polarization Maintenance. Chemistry of Materials, 2022, 34, 4274-4285.	6.7	15
8	Lead-free BiFeO ₃ film on glass fiber fabric: Wearable hybrid piezoelectric-triboelectric nanogenerator. Ceramics International, 2021, 47, 3573-3579.	4.8	37
9	Efficient induction of neural progenitor cells from human ESC/iPSCs on Type I Collagen. Science China Life Sciences, 2021, 64, 2100-2113.	4.9	3
10	Superflexible and Lead-Free Piezoelectric Nanogenerator as a Highly Sensitive Self-Powered Sensor for Human Motion Monitoring. Nano-Micro Letters, 2021, 13, 117.	27.0	57
11	Single-Nucleus Chromatin Accessibility Landscape Reveals Diversity in Regulatory Regions Across Distinct Adult Rat Cortex. Frontiers in Molecular Neuroscience, 2021, 14, 651355.	2.9	8
12	Dielectric Modulated Glass Fiber Fabric-Based Single Electrode Triboelectric Nanogenerator for Efficient Biomechanical Energy Harvesting. Advanced Functional Materials, 2021, 31, 2102431.	14.9	43
13	Hypoproliferative human neural progenitor cell xenografts survived extendedly in the brain of immunocompetent rats. Stem Cell Research and Therapy, 2021, 12, 376.	5.5	3
14	Highly-efficient piezocatalytic performance of nanocrystalline BaTi _{0.89} Sn _{0.11} O ₃ catalyst with Tc near room temperature. Nano Energy, 2021, 85, 106028.	16.0	56
15	Seeking More Cost-Efficient Design Criteria for Infiltration Trenches. Journal of Sustainable Water in the Built Environment, 2021, 7, .	1.6	4
16	Visible/near-infrared light absorbed nano-ferroelectric for efficient photo-piezocatalytic water splitting and pollutants degradation. Journal of Hazardous Materials, 2021, 416, 125808.	12.4	27
17	Stochastic Rainwater Harvesting System Modeling Under Random Rainfall Features and Variable Water Demands. Water Resources Research, 2021, 57, e2021WR029731.	4.2	5
18	A cost-effective and solderability stretchable circuit boards for wearable devices. Sensors and Actuators A: Physical, 2021, 331, 112924.	4.1	4

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19	Contaminant occurrence and migration between high- and low-permeability zones in groundwater systems: A review. <i>Science of the Total Environment</i> , 2020, 743, 140703.	8.0	53
20	Effects of EDTA on adsorption of Cd(II) and Pb(II) by soil minerals in low-permeability layers: batch experiments and microscopic characterization. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41623-41638.	5.3	8
21	Visuoauditory Associative Memory Established with Cholecystokinin Under Anesthesia Is Retrieved in Behavioral Contexts. <i>Journal of Neuroscience</i> , 2020, 40, 2025-2037.	3.6	14
22	Proper Sizing of Infiltration Trenches Using Closed-Form Analytical Equations. <i>Water Resources Management</i> , 2020, 34, 3809-3821.	3.9	8
23	Boosting the Photocatalytic Ability of Bandgap Engineered (Na _{0.5} Bi _{0.5} TiO ₃ -BaTiO ₃) by Ni Codoping. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11810-11818.	3.1	26
24	A Tool for Water Balance Analysis of Bioretention Cells. <i>Journal of Sustainable Water in the Built Environment</i> , 2020, 6, .	1.6	5
25	Tailoring the Piezoelectric and Photoluminescence Properties of Na _{0.5} Bi _{0.5} TiO ₃ -K _{0.5} Bi _{0.5} TiO ₃ -BaTiO ₃ -Based Multifunctional Ceramics with Sm Doping. <i>Journal of Electronic Materials</i> , 2020, 49, 4923-4928.	2.2	4
26	Dynamic water balance of infiltration-based stormwater best management practices. <i>Journal of Hydrology</i> , 2020, 589, 125174.	5.4	11
27	Effects of Relaxed Minimum Pipe Diameters on Fire Flow, Cost, and Water Quality Indicators in Drinking Water Distribution Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	8
28	Effects of Demand, Mixing Fraction, and Rate Coefficient Uncertainty on Water Quality Models. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	6
29	Visible or Near-Infrared Light Self-Powered Photodetectors Based on Transparent Ferroelectric Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33950-33959.	8.0	54
30	Highly piezoelectric lead-free ceramic powder: An efficient and eco-friendly multifunctional photocatalyst. <i>Ceramics International</i> , 2020, 46, 25266-25272.	4.8	7
31	Analytical derivation of urban flood frequency models accounting saturation-excess runoff generation. <i>Journal of Hydrology</i> , 2020, 584, 124713.	5.4	4
32	Enhanced hole transport in benzoic acid doped spiro-OMeTAD composite layer with intergrowing benzoate phase for perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154991.	5.5	18
33	Facile synthesis of hierarchical TS-1 zeolite without using mesopore templates and its application in deep oxidative desulfurization. <i>Microporous and Mesoporous Materials</i> , 2019, 275, 61-68.	4.4	58
34	Understanding the Role of Oxygen Vacancy in Visible-Near-Infrared Light-Absorbing Ferroelectric Perovskite Oxides Created by Off-Stoichiometry. <i>Advanced Electronic Materials</i> , 2019, 5, 1900407.	5.1	20
35	Trap-State Passivation by Nonvolatile Small Molecules with Carboxylic Acid Groups for Efficient Planar Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14223-14228.	3.1	40
36	Boosting piezoelectric response of KNN-based ceramics with strong visible-light absorption. <i>Journal of the American Ceramic Society</i> , 2019, 102, 6422-6426.	3.8	29

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37	Cholecystokinin release triggered by NMDA receptors produces LTP and sound-associative memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6397-6406.	7.1	38
38	Piezoelectric thin film on glass fiber fabric with structural hierarchy: An approach to high-performance, superflexible, cost-effective, and large-scale nanogenerators. <i>Nano Energy</i> , 2019, 59, 745-753.	16.0	54
39	Three dimensional nylon66@carbon nanotube aerogel: A platform for high-performance electromagnetic wave absorbing composites. <i>Materials Letters</i> , 2019, 247, 147-150.	2.6	9
40	Retrograde monosynaptic tracing through an engineered human embryonic stem cell line reveals synaptic inputs from host neurons to grafted cells. <i>Cell Regeneration</i> , 2019, 8, 1-8.	2.6	9
41	Stochastic analysis of storm water quality control detention ponds. <i>Journal of Hydrology</i> , 2019, 571, 573-584.	5.4	19
42	Analyzing the Impact of Impervious Area Disconnection on Urban Runoff Control Using an Analytical Probabilistic Model. <i>Water Resources Management</i> , 2019, 33, 1753-1768.	3.9	20
43	Piezoelectric Nanogenerators Based on Self-Poled Two-Dimensional Li-Doped ZnO Microdisks. <i>Journal of Electronic Materials</i> , 2019, 48, 2886-2894.	2.2	9
44	Improved dielectric stability of epoxy composites with ultralow boron nitride loading. <i>RSC Advances</i> , 2019, 9, 4344-4350.	3.6	8
45	Design for Highly Piezoelectric and Visible/Near-Infrared Photoresponsive Perovskite Oxides. <i>Advanced Materials</i> , 2019, 31, e1805802.	21.0	101
46	Urban flood risk assessment using storm characteristic parameters sensitive to catchment-specific drainage system. <i>Science of the Total Environment</i> , 2019, 659, 1362-1369.	8.0	37
47	An Analytical Stochastic Approach for Evaluating the Performance of Combined Sewer Overflow Tanks. <i>Water Resources Research</i> , 2018, 54, 3357-3375.	4.2	25
48	Copula-Based Analysis of Flood Peak Level and Duration: Two Case Studies in Taihu Basin, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	1.9	10
49	Synthesis of hierarchically porous TS-1 zeolite with excellent deep desulfurization performance under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 272-280.	4.4	32
50	Analytical Equations for Use in the Planning of Infiltration Facilities. <i>Journal of Sustainable Water in the Built Environment</i> , 2018, 4, .	1.6	9
51	3D composites of ZnSnO ₃ nanoplates/reduced graphene oxide aerogels as an advanced lithium-ion battery anode. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5299-5306.	2.2	12
52	MOF-Derived Hollow Co ₃ S ₄ Quasi-polyhedron/MWCNT Nanocomposites as Electrodes for Advanced Lithium Ion Batteries and Supercapacitors. <i>ACS Applied Energy Materials</i> , 2018, 1, 402-410.	5.1	69
53	Stochastic modelling of the hydrologic operation of rainwater harvesting systems. <i>Journal of Hydrology</i> , 2018, 562, 30-39.	5.4	33
54	Self-Healing Shape Memory PUPCL Copolymer with High Cycle Life. <i>Advanced Functional Materials</i> , 2018, 28, 1704109.	14.9	87

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55	Discussion of "Green Infrastructure Recovery: Analysis of the Influence of Back-to-Back Rainfall Events" by Bridget M. Wadzuk, Conor Lewellyn, Ryan Lee, and Robert G. Traver. <i>Journal of Sustainable Water in the Built Environment</i> , 2018, 4, 07018001.	1.6	0
56	Oriented growth of Li metal for stable Li/carbon composite negative electrode. <i>Electrochimica Acta</i> , 2018, 292, 227-233.	5.2	20
57	Stormwater capture and antecedent moisture characteristics of permeable pavements. <i>Hydrological Processes</i> , 2018, 32, 2708-2720.	2.6	17
58	CoSe/Co nanoparticles wrapped by in situ grown N-doped graphitic carbon nanosheets as anode material for advanced lithium ion batteries. <i>Journal of Power Sources</i> , 2018, 399, 223-230.	7.8	70
59	High "Coulombic" Efficiency Carbon/Li Clusters Composite Anode without Precycling or Prelithiation. <i>Small</i> , 2018, 14, e1802226.	10.0	31
60	Zn ₂ SnO ₄ -carbon cloth freestanding flexible anodes for high-performance lithium-ion batteries. <i>Materials and Design</i> , 2018, 156, 272-277.	7.0	26
61	Facile preparation of hierarchical titanium silicalite-1 (TS-1) with efficient oxidation of cyclic alkenes using PVA modified MWCNTs as templates. <i>Journal of Alloys and Compounds</i> , 2017, 699, 386-391.	5.5	23
62	Synthesis of Orthorhombic Perovskite-Type ZnSnO ₃ Single-Crystal Nanoplates and Their Application in Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8271-8279.	8.0	105
63	Derived flood frequency distributions considering individual event hydrograph shapes. <i>Journal of Hydrology</i> , 2017, 547, 296-308.	5.4	11
64	Facile preparation of high-quality perovskites for efficient solar cells via a fast conversion of wet PbI ₂ precursor films. <i>RSC Advances</i> , 2017, 7, 22492-22500.	3.6	20
65	Li ₃ PO ₄ -added garnet-type Li _{6.5} La ₃ Zr _{1.5} Ta _{0.5} O ₁₂ for Li-dendrite suppression. <i>Journal of Power Sources</i> , 2017, 354, 68-73.	7.8	150
66	Reaction mechanisms of lithium garnet pellets in ambient air: The effect of humidity and CO ₂ . <i>Journal of the American Ceramic Society</i> , 2017, 100, 2832-2839.	3.8	167
67	Composition induced rhombohedral "tetragonal phase boundary and high piezoelectric activity in (K) Tj ETQq1 1 0.784314 rgBT /Ov Solid State Communications, 2017, 259, 29-33.	1.9	16
68	Analysis of precipitation extremes in the Taihu Basin of China based on the regional L-moment method. <i>Hydrology Research</i> , 2017, 48, 468-479.	2.7	4
69	Ternary oxide BaSnO ₃ nanoparticles as an efficient electron-transporting layer for planar perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2017, 722, 196-206.	5.5	32
70	A three dimensional sulfur/reduced graphene oxide with embedded carbon nanotubes composite as a binder-free, free-standing cathode for lithium "sulfur batteries. <i>RSC Advances</i> , 2017, 7, 43483-43490.	3.6	5
71	Fabricating fast triggered electro-active shape memory graphite/silver nanowires/epoxy resin composite from polymer template. <i>Scientific Reports</i> , 2017, 7, 5535.	3.3	26
72	L-Moment-Based Regional Frequency Analysis of Annual Extreme Precipitation and its Uncertainty Analysis. <i>Water Resources Management</i> , 2017, 31, 3899-3919.	3.9	13

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73	In situ preparation of carbon/Fe ₃ C composite nanofibers with excellent electromagnetic wave absorption properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 92, 33-41.	7.6	75
74	Synthesis of hierarchical TS-1 zeolite via a novel three-step crystallization method and its excellent catalytic performance in oxidative desulfurization. <i>Fuel</i> , 2017, 188, 232-238.	6.4	65
75	Intrinsic relationship between energy consumption, pressure, and leakage in water distribution systems. <i>Urban Water Journal</i> , 2017, 14, 515-521.	2.1	15
76	Phase structure, microstructure, and piezoelectric properties of potassium-sodium niobate-based lead-free ceramics modified by Ca. <i>Journal of Alloys and Compounds</i> , 2017, 693, 950-954.	5.5	10
77	5-HT ₂ receptors mediate functional modulation of GABA _A receptors and inhibitory synaptic transmissions in human iPSC-derived neurons. <i>Scientific Reports</i> , 2016, 6, 20033.	3.3	17
78	Oxygen vacancies induced self-assembling synthesis of V ⁴⁺ -BiVO ₄ /rGO core-shell nanorods with enhanced water splitting efficiency and superior sewage purification capability. <i>Applied Catalysis A: General</i> , 2016, 526, 105-112.	4.3	12
79	The effect of annealing on a 3D SnO ₂ /graphene foam as an advanced lithium-ion battery anode. <i>Scientific Reports</i> , 2016, 6, 19195.	3.3	112
80	3D composites of layered MoS ₂ and graphene nanoribbons for high performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13148-13154.	10.3	47
81	Stretchable, strong and self-healing hydrogel by oxidized CNT-polymer composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 90, 250-260.	7.6	25
82	Three dimensional Graphene aerogels as binder-less, freestanding, elastic and high-performance electrodes for lithium-ion batteries. <i>Scientific Reports</i> , 2016, 6, 27365.	3.3	49
83	A facile method to fabricate polyurethane based graphene foams/epoxy/carbon nanotubes composite for electro-active shape memory application. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 91, 292-300.	7.6	43
84	Enhanced Photovoltaic Performance of Perovskite Solar Cells Using Polymer P(VDF-TrFE) as a Processed Additive. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12980-12988.	3.1	81
85	Stochastic Analysis of Hydrologic Operation of Green Roofs. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	1.9	20
86	Size-controlled synthesis of BiFeO ₃ nanoparticles by a facile and stable sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10803-10809.	2.2	6
87	Continuously enhanced photoactivity of hierarchical β -Bi ₂ O ₃ /Bi ₂ S ₃ heterostructure derived from novel BiO ₂ CH ₃ octagonal nanoplates. <i>Applied Catalysis A: General</i> , 2016, 514, 146-153.	4.3	26
88	Exponentiality Test Procedures for Large Samples of Rainfall Event Characteristics. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	1.9	24
89	Underestimation of flood quantiles from parallel drainage areas. <i>Urban Water Journal</i> , 2016, 13, 441-453.	2.1	1
90	Ionic Conductivity and Air Stability of Al-Doped Li ₇ La ₃ Zr ₂ O ₁₂ Sintered in Alumina and Pt Crucibles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5335-5342.	8.0	229

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91	Analytical Equations for Estimating the Total Runoff Reduction Efficiency of Infiltration Trenches. <i>Journal of Sustainable Water in the Built Environment</i> , 2016, 2, .	1.6	17
92	Facile preparation of highly cost-effective BaSO ₄ @BiVO ₄ core-shell structured brilliant yellow pigment. <i>Dyes and Pigments</i> , 2016, 128, 49-53.	3.7	34
93	Phase transition and piezoelectric properties of dense (K _{0.48} ,Na _{0.52}) _{0.95} Li _{0.05} Sb Nb ₂ O ₇ -0.03Ca _{0.5} (Bi _{0.5} ,Na _{0.5}) _{0.5} ZrO ₃ lead free ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 664, 503-509.	5.5	28
94	Multistep sintering to synthesize fast lithium garnets. <i>Journal of Power Sources</i> , 2016, 302, 291-297.	7.8	68
95	Reprogramming somatic cells to cells with neuronal characteristics by defined medium both in vitro and in vivo. <i>Cell Regeneration</i> , 2015, 4, 4:12.	2.6	16
96	Fabrication of ultralight three-dimensional graphene networks with strong electromagnetic wave absorption properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3739-3747.	10.3	219
97	A green method to prepare TiO ₂ /MWCNT nanocomposites with high photocatalytic activity and insights into the effect of heat treatment on photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 13430-13436.	3.6	20
98	Solvent-assisted growth of organic-inorganic hybrid perovskites with enhanced photovoltaic performances. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 360-368.	6.2	14
99	Electro-active shape memory composites enhanced by flexible carbon nanotube/graphene aerogels. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11641-11649.	10.3	85
100	Streamflow Forecast Errors and Their Impacts on Forecast-based Reservoir Flood Control. <i>Water Resources Management</i> , 2015, 29, 4557-4572.	3.9	15
101	In situ preparation of flower-like Ni(OH) ₂ and NiO from nickel formate with excellent capacitive properties as electrode materials for supercapacitors. <i>Materials Chemistry and Physics</i> , 2015, 151, 160-166.	4.0	33
102	SWMM Simulation of the Storm Water Volume Control Performance of Permeable Pavement Systems. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	1.9	52
103	Analytical Equation for Estimating the Stormwater Capture Efficiency of Permeable Pavement Systems. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015, 141, .	1.0	20
104	Stormwater Capture Efficiency of Bioretention Systems. <i>Water Resources Management</i> , 2014, 28, 149-168.	3.9	53
105	Runoff Reduction Capabilities and Irrigation Requirements of Green Roofs. <i>Water Resources Management</i> , 2014, 28, 1363-1378.	3.9	28
106	Facile synthesis of V ⁴⁺ -self-doped, [010] oriented BiVO ₄ nanorods with highly efficient visible light-induced photocatalytic activity. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24519-24526.	2.8	134
107	Time course of the dependence of associative memory retrieval on the entorhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 155-161.	1.9	3
108	Enhanced Photovoltaic Performance in Polycrystalline BiFeO ₃ Thin Film/ZnO Nanorod Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15200-15206.	3.1	35

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109	Photoelectrochemical response and electronic structure analysis of mono-dispersed cuboid-shaped $\text{Bi}_2\text{Fe}_4\text{O}_9$ crystals with near-infrared absorption. RSC Advances, 2014, 4, 28209-28218.	3.6	29
110	Photovoltaic effect of TiO_2 thick films with an ultrathin BiFeO_3 as buffer layer. Applied Physics A: Materials Science and Processing, 2014, 117, 1301-1306.	2.3	4
111	Morphology of nanotube arrays grown on $\text{Ti}^{35}\text{Nb}^{2}\text{Ta}^{3}\text{Zr}$ alloys with different deformations. Applied Surface Science, 2014, 290, 308-312.	6.1	11
112	Photoelectric properties of BiVO_4 thin films deposited on fluorine doped tin oxide substrates by a modified chemical solution deposition process. International Journal of Hydrogen Energy, 2014, 39, 5569-5574.	7.1	18
113	Enhanced Photovoltaic Effect in BiVO_4 Semiconductor by Incorporation with an Ultrathin BiFeO_3 Ferroelectric Layer. ACS Applied Materials & Interfaces, 2013, 5, 6925-6929.	8.0	60
114	Preparation and Dielectric Characteristics of Semitransparent $\text{CoFe}_2\text{O}_4/\text{P}(\text{VDF-TrFE})$ Nanocomposite Films. Journal of Electronic Materials, 2013, 42, 734-738.	2.2	1
115	Synthesis and visible-light photocatalysis capability of $\text{BiFeO}_3/(\text{Na}_0.5\text{Bi}_0.5)\text{TiO}_3$ nanopowders by a sol-gel method. Solid State Sciences, 2013, 19, 69-72.	3.2	19
116	Evidence for oxygen vacancy or ferroelectric polarization induced switchable diode and photovoltaic effects in BiFeO_3 based thin films. Nanotechnology, 2013, 24, 275201.	2.6	110
117	Synthesis and properties of ZnFe_2O_4 replica with biological hierarchical structure. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2013, 178, 1057-1061.	3.5	31
118	Encoding and Retrieval of Artificial Visuoauditory Memory Traces in the Auditory Cortex Requires the Entorhinal Cortex. Journal of Neuroscience, 2013, 33, 9963-9974.	3.6	24
119	Photovoltaic properties of BiFeO_3 thin film capacitors by using Al-doped zinc oxide as top electrode. Materials Letters, 2013, 91, 359-361.	2.6	53
120	Explicit Equation for Estimating Storm-Water Capture Efficiency of Rain Gardens. Journal of Hydrologic Engineering - ASCE, 2013, 18, 1739-1748.	1.9	41
121	Analytical Probabilistic Model for Evaluating the Hydrologic Performance of Green Roofs. Journal of Hydrologic Engineering - ASCE, 2013, 18, 19-28.	1.9	72
122	Photovoltaic effect of a bilayer thin film with $(\text{Na}_{0.5}\text{Bi}_{0.5})_{1-x}\text{Ba}_x\text{TiO}_3/\text{BiFeO}_3$ heterostructure. Journal Physics D: Applied Physics, 2013, 46, 365304.	1.1	0
123	Structural Disorder in the Key Lead-Free Piezoelectric Materials, and. Advances in Condensed Matter Physics, 2013, 2013, 1-5.	1.1	0
124	Enhanced photovoltaic properties in polycrystalline BiFeO_3 thin films with rhombohedral perovskite structure deposited on fluorine doped tin oxide substrates. Materials Letters, 2012, 88, 140-142.	2.6	55
125	Dielectric and optical properties of $\text{BiFeO}_3/(\text{Na}_0.5\text{Bi}_0.5)\text{TiO}_3$ thin films deposited on Si substrate using LaNiO_3 as buffer layer for photovoltaic devices. Journal of Alloys and Compounds, 2012, 513, 154-158.	5.5	19
126	Probabilistic rainfall-runoff transformation considering both infiltration and saturation excess runoff generation processes. Water Resources Research, 2012, 48, .	4.2	38

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127	BiFeO ₃ /(Na _{0.5} Bi _{0.5})TiO ₃ butterfly wing scales: Synthesis, visible-light photocatalytic and magnetic properties. Journal of the European Ceramic Society, 2012, 32, 4335-4340.	5.7	30
128	Optical properties of BiFeO ₃ /(Na _{0.5} Bi _{0.5})TiO ₃ thin films deposited on glass substrates by chemical solution deposition. Materials Letters, 2012, 71, 60-62.	2.6	9
129	Response of intergrown microstructure to an electric field and its consequences in the lead-free piezoelectric bismuth sodium titanate. Journal of Solid State Chemistry, 2012, 187, 309-315.	2.9	24
130	Composition-induced antiferroelectric phase and giant strain in lead-free $(1-x)Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3$ ceramics. Journal of Applied Physics, 2011, 110, 110101.	3.2	135
131	Large Electric Field-Induced Strain and Antiferroelectric Behavior in $(1-x)Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3$ Ceramics. Chemistry of Materials, 2011, 23, 219-228.	6.7	178
132	Antiferroelectric Phase and Pyroelectric Response in $(NayBiz)Ti_{1-x}O_3(1-x)BaTiO_3$ Ceramics. Journal of the American Ceramic Society, 2011, 94, 1350-1353.	3.8	49
133	A probabilistic description of rain storms incorporating peak intensities. Journal of Hydrology, 2011, 409, 71-80.	5.4	20
134	A correlated electron diffraction, in situ neutron diffraction and dielectric properties investigation of poled $(1-x)Bi_{0.5}Na_{0.5}TiO_3-xBaTiO_3$ ceramics. Journal of Applied Physics, 2011, 110, .	2.5	21
135	Analytical Probabilistic Approach for Estimating Design Flood Peaks of Small Watersheds. Journal of Hydrologic Engineering - ASCE, 2011, 16, 847-857.	1.9	14
136	Bi ₄ Ti ₃ O ₁₂ /(Ni _{0.5} Zn _{0.5})Fe ₂ O ₄ dielectric/ferromagnetic ceramic composites synthesized with nanopowders. Materials Chemistry and Physics, 2010, 124, 184-187.	4.0	3
137	Giant Magnetodielectric Effect in $(Ni_{0.5}Zn_{0.5})Fe_2O_4$ -Poly(vinylidene-fluoride) Nanocomposite Films. Journal of Physical Chemistry C, 2010, 114, 13861-13866.	3.1	77
138	Derived Flow-Duration Relationships for Surface Runoff Dominated Small Urban Streams. Journal of Hydrologic Engineering - ASCE, 2009, 14, 42-52.	1.9	8
139	Dielectric and tunable properties of highly (110)-oriented (Ba _{0.65} Sr _{0.35})TiO ₃ thin films deposited on Pt/LaNiO ₃ /SiO ₂ /Si substrates. Journal of Sol-Gel Science and Technology, 2009, 49, 66-70.	2.4	14
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