

# Haoshuang Gu

## List of Publications by Year in descending order

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158  
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5,277  
citations

81900

39  
h-index

98798

67  
g-index

162  
all docs

162  
docs citations

162  
times ranked

7444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Piezoelectric Nanogenerators Based on Core-Shell Ga-PZT@GaO Nanorod-Enabled P(VDF-TrFE) Composites. ACS Applied Materials & Interfaces, 2022, 14, 7990-8000.	8.0	21
2	Fast, Sensitive, and Highly Selective Room-Temperature Hydrogen Sensing of Defect-Rich Orthorhombic Nb <sub>2</sub> O <sub>5</sub> Nanobelts with an Abnormal p-Type Sensor Response. ACS Applied Materials & Interfaces, 2022, 14, 25937-25948.	8.0	10
3	A New Message Expansion Structure for Full Pipeline SHA-2. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1553-1566.	5.4	8
4	Transforming Pt-SnO <sub>2</sub> Nanoparticles into Pt-SnO <sub>2</sub> Composite Nanoceramics for Room-Temperature Hydrogen-Sensing Applications. Materials, 2021, 14, 2123.	2.9	7
5	Metal Oxide Based Heterojunctions for Gas Sensors: A Review. Nanomaterials, 2021, 11, 1026.	4.1	77
6	Identification of vibrational mode symmetry and phonon anharmonicity in SbCrSe <sub>3</sub> single crystal using Raman spectroscopy. Science China Materials, 2021, 64, 2824-2834.	6.3	4
7	A SC PUF Standard Cell Used for Key Generation and Anti-Invasive-Attack Protection. IEEE Transactions on Information Forensics and Security, 2021, 16, 3958-3973.	6.9	9
8	Improper molecular ferroelectrics with simultaneous ultrahigh pyroelectricity and figures of merit. Science Advances, 2021, 7, .	10.3	32
9	One Adopts Trapezoidal Permanent Magnet Block Array Type Novel Axial Flux Stator Coreless Permanent Magnet Motor. , 2021, , .		0
10	Selenate Reduction and Selenium Enrichment of Tea by the Endophytic Herbaspirillum sp. Strain WT00C. Current Microbiology, 2020, 77, 588-601.	2.2	27
11	Voltage-induced penetration effect in liquid metals at room temperature. National Science Review, 2020, 7, 366-372.	9.5	31
12	Atomic scale study of the oxygen annealing effect on piezoelectricity enhancement of (K,Na)NbO <sub>3</sub> nanorods. Journal of Materials Chemistry C, 2020, 8, 15830-15838.	5.5	3
13	Hydrogen sensing kinetics of laterally aligned MoO <sub>3</sub> nanoribbon arrays with accelerated response and recovery performances at room temperature. International Journal of Hydrogen Energy, 2020, 45, 23841-23850.	7.1	12
14	Rational Design and in-situ Synthesis of Ultra-Thin $\hat{I}^2$ -Ni(OH) <sub>2</sub> Nanoplates for High Performance All-Solid-State Flexible Supercapacitors. Frontiers in Chemistry, 2020, 8, 602322.	3.6	14
15	2D Cs <sub>2</sub> PbI <sub>2</sub> Cl <sub>2</sub> Nanosheets for Holistic Passivation of Inorganic CsPbI <sub>2</sub> Br Perovskite Solar Cells for Improved Efficiency and Stability. Advanced Energy Materials, 2020, 10, 2002882.	19.5	105
16	The enhanced hydrogen-sensing performance of the Fe-doped MoO <sub>3</sub> monolayer: A DFT study. International Journal of Hydrogen Energy, 2020, 45, 10257-10267.	7.1	12
17	High-Performance Gas Sensors Based on Nanostructured Metal Oxide Heterojunctions. Materials Horizons, 2020, , 19-70.	0.6	1
18	An On-Chip Digital Monostable Multivibrator Using Inverter-based Delay Chains. Journal of Circuits, Systems and Computers, 2019, 28, 1920001.	1.5	1

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19	Spinâ€œOrbit Torque-Driven Magnetic Switching of Co/Pt-CoFeB Exchange Spring Ferromagnets. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	0
20	Nanoelectromechanical Switches by Controlled Switchable Cracking. IEEE Electron Device Letters, 2019, 40, 1209-1212.	3.9	6
21	Room-temperature H <sub>2</sub> gasochromic behavior of Pd-modified MoO <sub>3</sub> nanowire labels. Materials Chemistry and Physics, 2019, 227, 111-116.	4.0	21
22	Ultra-fast and highly selective room-temperature formaldehyde gas sensing of Pt-decorated MoO <sub>3</sub> nanobelts. Journal of Alloys and Compounds, 2019, 797, 666-675.	5.5	88
23	Influence of Structural Parameters on the Surface Enhanced Raman Scattering of Au Nanoarrays. Journal of Nanoscience and Nanotechnology, 2019, 19, 5317-5322.	0.9	4
24	Theoretical Model and Experiments of Resonance Frequency Shift by LC Tuning in Magnetoelectric Sensor. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800966.	1.8	4
25	Advances in Alternating Current Electroluminescent Devices. Advanced Optical Materials, 2019, 7, 1801154.	7.3	92
26	An Ultrasensitive and Ultraspecific Hydrogen Sensor Based on Defectâ€œDominated Electron Scattering in Pt Nanowire Arrays. Advanced Materials Interfaces, 2019, 6, 1801304.	3.7	13
27	Evolution of the composition, structure, and piezoelectric performance of (K <sub>1-x</sub> Nax)NbO <sub>3</sub> nanorod arrays with hydrothermal reaction time. Applied Physics Letters, 2018, 112, .	3.3	7
28	High-performance piezoelectric energy harvesting of vertically aligned Pb(Zr,Ti)O <sub>3</sub> nanorod arrays. RSC Advances, 2018, 8, 7422-7427.	3.6	45
29	Plasmonic CuS nanodisk assembly based composite nanocapsules for NIR-laser-driven synergistic chemo-photothermal cancer therapy. Journal of Materials Chemistry B, 2018, 6, 1035-1043.	5.8	29
30	Defect-original room-temperature hydrogen sensing of MoO <sub>3</sub> nanoribbon: Experimental and theoretical studies. Sensors and Actuators B: Chemical, 2018, 260, 21-32.	7.8	56
31	<i>In situ</i> synthesis of MoS <sub>2</sub> /graphene nanosheets as free-standing and flexible electrode paper for high-efficiency hydrogen evolution reaction. RSC Advances, 2018, 8, 10698-10705.	3.6	34
32	Highly Efficient Green Lightâ€œEmitting Diodes from Allâ€œInorganic Perovskite Nanocrystals Enabled by a New Electron Transport Layer. Advanced Optical Materials, 2018, 6, 1800220.	7.3	74
33	A Low-Complexity Autonomous 3D Localization Method for Unmanned Aerial Vehicles by Binocular Stereovision Technology. , 2018, , .		1
34	Controllable Elasticity Storage and Release in CuOâ€œPt Coreâ€œShell Nanowires. ChemNanoMat, 2018, 4, 1140-1144.	2.8	4
35	Extraordinary room-temperature hydrogen sensing capabilities with high humidity tolerance of Pt SnO <sub>2</sub> composite nanoceramics prepared using SnO <sub>2</sub> agglomerate powder. International Journal of Hydrogen Energy, 2018, 43, 21177-21185.	7.1	13
36	Solvent-Assisted Surface Engineering for High-Performance All-Inorganic Perovskite Nanocrystal Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 19828-19835.	8.0	45

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37	Remarkably Enhanced Room-Temperature Hydrogen Sensing of SnO <sub>2</sub> Nanoflowers via Vacuum Annealing Treatment. <i>Sensors</i> , 2018, 18, 949.	3.8	19
38	Ultraviolet Detectors Based on Wide Bandgap Semiconductor Nanowire: A Review. <i>Sensors</i> , 2018, 18, 2072.	3.8	222
39	All-Solid-State Supercapacitors Based on Flexible Co <sub>3</sub> O <sub>4</sub> Nanoflowers/rGO Nanocomposites. <i>Journal of Electronic Materials</i> , 2018, 47, 5987-5992.	2.2	12
40	Novel Periodic Bilayer Au Nanostructures for Ultrasensitive Surface-Enhanced Raman Spectroscopy. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800820.	3.7	7
41	Evidencing the structural conversion of hydrothermally synthesized titanate nanorods by in situ electron microscopy. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3786-3791.	10.3	7
42	V <sub>2</sub> O <sub>5</sub> Nanowire Composite Paper as a High-Performance Lithium-Ion Battery Cathode. <i>ACS Omega</i> , 2017, 2, 793-799.	3.5	46
43	Rapid hydrogen sensing response and aging of $\pm$ -MoO <sub>3</sub> nanowires paper sensor. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 8399-8405.	7.1	47
44	Large-scale synthesis of Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C composites by a modified carbothermal reduction method as cathode material for lithium-ion batteries. <i>RSC Advances</i> , 2017, 7, 25422-25428.	3.6	11
45	Phase boundary and annealing dependent piezoelectricity in lead-free (K,Na)NbO <sub>3</sub> nanorod arrays. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	14
46	2D Materials: A Free-Standing and Self-Healable 2D Supramolecular Material Based on Hydrogen Bonding: A Nanowire Array with Sub-20 nm Resolution ( <i>Small</i> 21/2017). <i>Small</i> , 2017, 13, .	10.0	1
47	Paclitaxel-loaded pluronic F127/P123 silica nanocapsules with surface conjugated rhTRAIL for targeted cancer therapy. <i>RSC Advances</i> , 2017, 7, 30250-30261.	3.6	7
48	Remarkably accelerated room-temperature hydrogen sensing of MoO <sub>3</sub> nanoribbon/graphene composites by suppressing the nanojunction effects. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 160-168.	7.8	41
49	A Free-Standing and Self-Healable 2D Supramolecular Material Based on Hydrogen Bonding: A Nanowire Array with Sub-20 nm Resolution. <i>Small</i> , 2017, 13, 1604077.	10.0	24
50	Orientation-dependent piezoresponse and high-performance energy harvesting of lead-free (K,Na)NbO <sub>3</sub> nanorod arrays. <i>RSC Advances</i> , 2017, 7, 16908-16915.	3.6	17
51	Fluorescence and drug loading properties of ZnSe:Mn/ZnS-Paclitaxel/SiO <sub>2</sub> nanocapsules templated by F127 micelles. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 436-443.	9.4	40
52	Self-Powered Viscosity and Pressure Sensing in Microfluidic Systems Based on the Piezoelectric Energy Harvesting of Flowing Droplets. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28586-28595.	8.0	46
53	Performance characteristics of p-channel FinFETs with varied Si-fin extension lengths for source and drain contacts. <i>Semiconductors</i> , 2017, 51, 1650-1655.	0.5	2
54	Singular room-temperature hydrogen sensing characteristics with ultrafast recovery of Pt Nb <sub>2</sub> O <sub>5</sub> porous composite ceramics. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30186-30192.	7.1	15

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55	Thermal-induced formation of domain structures in CuO nanomaterials. <i>Physical Review Materials</i> , 2017, 1, .	2.4	22
56	A self-powered vibration sensor based on electrospun poly(vinylidene fluoride) nanofibres with enhanced piezoelectric response. <i>Smart Materials and Structures</i> , 2016, 25, 105010.	3.5	33
57	Rapid response hydrogen sensor based on nanoporous Pd thin films. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 10986-10990.	7.1	58
58	Near-infrared Plasmonic 2D Semimetals for Applications in Communication and Biology. <i>Advanced Functional Materials</i> , 2016, 26, 1793-1802.	14.9	114
59	AlN-based film buck acoustic resonator operated in shear mode for detection of carcinoembryonic antigens. <i>RSC Advances</i> , 2016, 6, 4908-4913.	3.6	14
60	SnO <sub>2</sub> Nanoparticles: Graphene-skeleton Heat-coordinated and Nanoamorphous-surface-state Controlled Pseudo-negative Photoconductivity of Tiny SnO <sub>2</sub> Nanoparticles ( <i>Adv. Mater.</i> 23/2015). <i>Advanced Materials</i> , 2015, 27, 3579-3579.	21.0	3
61	Photocatalytically Active YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Nanoparticles Synthesized via a Soft Chemical Route. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-5.	2.7	5
62	QDs-PTX-silica hybrid nanocapsules for targeted cancer imaging and chemotherapy. <i>Journal of Controlled Release</i> , 2015, 213, e141.	9.9	0
63	Piezoelectric Nanowires in Energy Harvesting Applications. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-21.	1.8	66
64	Facile synthesis and photocatalytic performance of Mg <sub>2</sub> SnO <sub>4</sub> /SnO <sub>2</sub> heterostructures. <i>Journal of Materials Science</i> , 2015, 50, 5865-5872.	3.7	23
65	Broadband THz pulse emission and transmission properties of nanostructured Pt thin films. <i>Physica B: Condensed Matter</i> , 2015, 474, 64-69.	2.7	1
66	Magnetron radio frequency sputtering growth of LaNi <sub>5</sub> thin films and their hydrogen-sensitive properties at room temperature and ordinary pressure. <i>Applied Surface Science</i> , 2015, 331, 35-40.	6.1	4
67	Fast and highly sensitive humidity sensors based on NaNbO <sub>3</sub> nanofibers. <i>RSC Advances</i> , 2015, 5, 20453-20458.	3.6	37
68	(K,Na)NbO <sub>3</sub> Nanofiber-based Self-Powered Sensors for Accurate Detection of Dynamic Strain. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 4921-4927.	8.0	29
69	Simplified aptamer-based colorimetric method using unmodified gold nanoparticles for the detection of carcinoma embryonic antigen. <i>RSC Advances</i> , 2015, 5, 10994-10999.	3.6	50
70	Electrospun Bismuth Ferrite Nanofibers for Potential Applications in Ferroelectric Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 3665-3670.	8.0	55
71	Investigation of blue luminescence in Mg doped AlN films. <i>Journal of Alloys and Compounds</i> , 2015, 621, 314-318.	5.5	18
72	A double-enhanced strip biosensor for the rapid and ultrasensitive detection of protein biomarkers. <i>Chemical Communications</i> , 2015, 51, 8273-8275.	4.1	18

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73	Highly Responsive Room-Temperature Hydrogen Sensing of $\text{In}_2\text{S}_3$ Nanoribbon Membranes. ACS Applied Materials & Interfaces, 2015, 7, 9247-9253.	8.0	125
74	Graphene-Skeleton Heat-Coordinated and Nanoamorphous-Surface-State Controlled Pseudo-Negative-Photoconductivity of Tiny $\text{SnO}_2$ Nanoparticles. Advanced Materials, 2015, 27, 3525-3532.	21.0	35
75	Visual detection of thrombin using a strip biosensor through aptamer-cleavage reaction with enzyme catalytic amplification. Analyst, The, 2015, 140, 7710-7717.	3.5	30
76	A biosensor based on a film bulk acoustic resonator and biotin-avidin system for the detection of the epithelial tumor marker mucin 1. RSC Advances, 2015, 5, 66355-66359.	3.6	27
77	Gas sensing capabilities of $\text{TiO}_2$ porous nanoceramics prepared through premature sintering. Journal of Advanced Ceramics, 2015, 4, 152-157.	17.4	15
78	Structure and Piezoelectric Properties of Lead-Free $\text{Na}_0.5\text{Bi}_0.5\text{TiO}_3$ Nanofibers Synthesized by Electrospinning. Journal of Materials Science and Technology, 2015, 31, 1181-1185.	10.7	11
79	Intercrossed Carbon Nanorings with Pure Surface States as Low-Cost and Environment-Friendly Phosphors for White-Light-Emitting Diodes. Angewandte Chemie - International Edition, 2015, 54, 1759-1764.	13.8	238
80	Detection of a carcinoembryonic antigen using aptamer-modified film bulk acoustic resonators. Materials Research Bulletin, 2014, 59, 411-415.	5.2	11
81	$\text{MnO}_2$ doped $\text{PSN}$ - $\text{PZN}$ - $\text{PZT}$ piezoelectric ceramics for resonant actuator application. Journal of Alloys and Compounds, 2014, 615, 676-682.	5.5	29
82	Highly-sensitive, fast hydrogen sensing employing $\text{Pt}$ -coated $\text{TiO}_2$ nanotube arrays. Functional Materials Letters, 2014, 07, 1450021.	1.2	4
83	Silver-decorated titanium dioxide nanotube arrays with improved photocatalytic activity for visible light irradiation. Journal of Materials Research, 2014, 29, 1302-1308.	2.6	10
84	Room temperature ferromagnetism in Mg-doped $\text{AlN}$ semiconductor films. Materials Letters, 2014, 117, 276-278.	2.6	18
85	Novel electrochemical aptamer biosensor based on an enzyme-gold nanoparticle dual label for the ultrasensitive detection of epithelial tumour marker MUC1. Biosensors and Bioelectronics, 2014, 53, 384-389.	10.1	132
86	Structural, magnetic and nanomechanical properties in Ni-doped $\text{AlN}$ films. Journal of Alloys and Compounds, 2014, 606, 55-60.	5.5	24
87	Hydrothermal growth and optical properties of $\text{Nb}_2\text{O}_5$ nanorod arrays. Journal of Materials Chemistry C, 2014, 2, 8185-8190.	5.5	49
88	Analysis of resonance characteristics of solidly mounted resonator for mass sensing applications. Applied Physics A: Materials Science and Processing, 2014, 116, 1573-1577.	2.3	4
89	Facile preparation, formation mechanism and microwave absorption properties of porous carbonyl iron flakes. Journal of Materials Chemistry C, 2014, 2, 3769-3776.	5.5	92
90	Recent Development of Sandwich Assay Based on the Nanobiotechnologies for Proteins, Nucleic Acids, Small Molecules, and Ions. Chemical Reviews, 2014, 114, 7631-7677.	47.7	230

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91	Electromechanical Conversion Behavior of $K_{0.5}Na_{0.5}NbO_3$ Nanorods Synthesized by Hydrothermal Method. <i>Integrated Ferroelectrics</i> , 2013, 142, 24-30.	0.7	14
92	$Bi_4Ti_3O_{12}/TiO_2$ heterostructure: Synthesis, characterization and enhanced photocatalytic activity. <i>Ceramics International</i> , 2013, 39, 9109-9114.	4.8	24
93	Phase Transition and Optical Properties for Ultrathin $KNbO_3$ Nanowires. <i>Advances in Condensed Matter Physics</i> , 2013, 2013, 1-5.	1.1	7
94	Hydrogen Gas Sensors Based on Semiconductor Oxide Nanostructures. <i>Sensors</i> , 2012, 12, 5517-5550.	3.8	358
95	High-performance III-V MOSFET with nano-stacked high-k gate dielectric and 3D fin-shaped structure. <i>Nanoscale Research Letters</i> , 2012, 7, 431.	5.7	30
96	An excellent room-temperature hydrogen sensor based on Titania nanotube-arrays. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 13602-13609.	7.1	54
97	Investigation on the synthesis mechanism of $\hat{r}^2$ - $FeSi_2$ prepared by pulsed laser deposition. <i>Wuhan University Journal of Natural Sciences</i> , 2012, 17, 61-66.	0.4	1
98	Low temperature cofirable $Ca[(Li_{1/3}Nb_{2/3})_{0.95}Zr_{0.15}]O_3$ + microwave dielectric ceramic with $ZnO \text{--} B_2O_3 \text{--} SiO_2$ frit. <i>Ceramics International</i> , 2012, 38, 3175-3183.	4.8	8
99	Fast and highly-sensitive hydrogen sensing of $Nb_2O_5$ nanowires at room temperature. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 4526-4532.	7.1	118
100	Highly ordered nanopore arrays on Si substrate synthesized by focused ion beam. , 2012, , .		0
101	Synthesis of Bismuth Ferrite Nanoparticles via a Wet Chemical Route at Low Temperature. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	2.7	73
102	Phase evolution, crystal structure and dielectric behavior of $(1-x)Nd(Zn_{0.5}Ti_{0.5})O_3+xBi(Zn_{0.5}Ti_{0.5})O_3$ compound ceramics. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2993-2999.	5.5	5
103	Synthesis of c-Axis Inclined AlN Films in an Off-Center System for Shear Wave Devices. <i>Journal of Electronic Materials</i> , 2011, 40, 1578-1583.	2.2	8
104	Drive current and hot carrier reliability improvements of high-aspect-ratio n-channel fin-shaped field effect transistor with high-tensile contact etching stop layer. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	7
105	Synthesis, characterization and ferroelectric properties of lead-free $K_{0.5}Na_{0.5}NbO_3$ nanotube arrays. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	19
106	Coating of $Zn_{1-x}Al_xO$ on Cotton Fabric via a Low Temperature Hydrothermal Process and Characterizations of the Composites. <i>Journal of the Korean Physical Society</i> , 2011, 58, 902-905.	0.7	1
107	Preparation of $PbTiO_3$ nanoceramics based on hydrothermal nanopowders and characterization of their electrical properties. <i>Materials Chemistry and Physics</i> , 2010, 121, 10-13.	4.0	7
108	Orientation-Control Synthesis of $KTa_{0.25}Nb_{0.75}O_3$ Nanorods. <i>Journal of the American Ceramic Society</i> , 2010, 93, 609-613.	3.8	25

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109	Microstructure and Microwave Dielectric Properties of $\text{Ca}(\text{Al}_{0.5}\text{Nb}_{0.5})\text{O}_3 + (1-x)\text{SrTiO}_3$ Solid Solutions. <i>Journal of the American Ceramic Society</i> , 2010, 93, 3354-3359.	3.8	11
110	Critical Parameters for the Scale-Up Synthesis of Quantum Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6041-6045.	0.9	24
111	Synthesis, growth mechanism and optical properties of (K,Na)NbO <sub>3</sub> nanostructures. <i>CrystEngComm</i> , 2010, 12, 3157.	2.6	117
112	Raman scattering, electronic, and ferroelectric properties of Nd modified Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanotube arrays. <i>Journal of Applied Physics</i> , 2010, 107, 094105.	2.5	16
113	A novel controllable synthesis of silica nanotube arrays with ultraviolet photoluminescence. <i>Solid State Sciences</i> , 2009, 11, 1252-1257.	3.2	3
114	Microstructural, Raman and XPS properties of single-crystalline Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>3</sub> O <sub>12</sub> nanorods. <i>Materials Chemistry and Physics</i> , 2009, 113, 42-45.	4.0	22
115	Optical properties of octahedral KTaO <sub>3</sub> nanocrystalline. <i>Materials Chemistry and Physics</i> , 2009, 115, 151-153.	4.0	20
116	Thickness dependence of microstructure and magnetic properties in FePt/B <sub>4</sub> C multilayer thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 981-985.	2.3	0
117	First-principles prediction of the hardness of fluorite TiO <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2009, 404, 79-81.	2.7	9
118	Fe/SrBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> composite thin films with large third-order optical nonlinearities. <i>Journal of Alloys and Compounds</i> , 2009, 476, 635-638.	5.5	8
119	Structural and optical properties of pulsed laser deposited SrBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> thin films. <i>Applied Surface Science</i> , 2008, 254, 5206-5210.	6.1	2
120	The structure and photoluminescence of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> nanoplates synthesized by hydrothermal method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 315, 294-298.	4.7	29
121	Controllable Hydrothermal Synthesis of $\text{KTa}_{1-x}\text{Nb}_x\text{O}_3$ Nanostructures with Various Morphologies and Their Growth Mechanisms. <i>Crystal Growth and Design</i> , 2008, 8, 832-837.	3.0	60
122	Crystal structure and dielectric properties of $(1-x)\text{Ca}_{0.61}\text{Nd}_{0.26}\text{TiO}_3 + x\text{Nd}(\text{Mg}_{1/2}\text{Ti}_{1/2})\text{O}_3$ complex perovskite at microwave frequencies. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	23
123	Raman scattering study of La-doped SrBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> ceramics. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 7817-7820.	2.8	45
124	Lead-free In <sub>2</sub> O <sub>3</sub> -doped (Bi <sub>0.5</sub> Na <sub>0.5</sub> ) <sub>0.93</sub> Ba <sub>0.07</sub> TiO <sub>3</sub> ceramics synthesized by direct reaction sintering. <i>Applied Physics Letters</i> , 2007, 90, 182903.	3.3	41
125	Characterization of single-crystalline PbTiO <sub>3</sub> nanowire growth via surfactant-free hydrothermal method. <i>Journal of Applied Physics</i> , 2007, 101, 024319.	2.5	53
126	W doping-dependent structural and ferroelectric properties of SrBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> ferroelectric ceramics. <i>Physica B: Condensed Matter</i> , 2007, 400, 134-136.	2.7	18



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127	Structural and optical properties of $\text{KTa}_{0.77}\text{Nb}_{0.23}\text{O}_3$ nanoplates synthesized by hydrothermal method. <i>Journal of Colloid and Interface Science</i> , 2007, 310, 292-296.	9.4	20
128	Large third-order optical nonlinearity of $\text{SrBi}_2\text{Nb}_2\text{O}_9$ thin films fabricated by pulsed laser deposition. <i>Materials Letters</i> , 2007, 61, 3701-3704.	2.6	11
129	Fabrication of lead titanate single crystalline nanowires by hydrothermal method and their characterization. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 42, 293-297.	2.4	13
130	Photoluminescence and Raman scattering studies on $\text{PbTiO}_3$ nanowires fabricated by hydrothermal method at low temperature. <i>Applied Physics Letters</i> , 2006, 88, 193120.	3.3	65
131	A novel temperature compensated microwave dielectric based on $(\text{Na}_{0.5}\text{La}_{0.5})\text{TiO}_3\text{-CeO}_2$ system. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 134, 89-93.	3.5	4
132	Structure and Optical Properties of $0.1\text{BiFeO}_3\text{-}0.9\text{SrBi}_2\text{Nb}_2\text{O}_9$ Thin Films Using a Modified Sol-Gel Technique. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 37, 27-30.	2.4	4
133	Membrane structure FBAR fabricated with highly c-axis oriented AlN film based on platinum electrode. , 2006, , .		2
134	The low-temperature synthesis of $\text{BiFeO}_3\text{-SrBi}_2\text{Nb}_2\text{O}_9$ complexes by sol-gel process. <i>Materials Letters</i> , 2005, 59, 912-915.	2.6	3
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