

Xiao-Shan Wu

List of Publications by Year in descending order

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139
papers

1,452
citations

393982

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140
all docs

140
docs citations

140
times ranked

1955
citing authors

#	ARTICLE	IF	CITATIONS
1	Niobium carbide (MXene) reduces UHMWPE particle-induced osteolysis. <i>Bioactive Materials</i> , 2022, 8, 435-448.	8.6	38
2	Large dielectric switch effects induced by an order-disorder transformation in cyclopropylamine perchlorate crystals. <i>Nanoscale</i> , 2022, 14, 675-679.	2.8	2
3	Ferroelectric properties in metal-coordinated complex tris(2-hydroxyethyl) ammonium trichloro cadmium($\text{[TCEATrCl}_3\text{]}^+$). <i>Journal of Materials Chemistry C</i> , 2022, 10, 2255-2262.	2.7	1
4	Chiral Zn-Based Organic-Inorganic Hybrid Ferroelectrics with Large Polarization and Luminescence. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	11
5	Improving the Quality of CsPbBr_3 Films by Applying the Light Soak. <i>ACS Applied Energy Materials</i> , 2022, 5, 5603-5609.	2.5	2
6	Room temperature ferroelectricity and blue photoluminescence in zero dimensional organic lead iodine perovskites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 223-227.	2.7	23
7	Photo-degradation organic dyes by Sb-based organic-inorganic hybrid ferroelectrics. <i>Journal of Environmental Sciences</i> , 2021, 101, 145-155.	3.2	8
8	Cd(II)-based metal-organic framework-derived CdS photocatalysts for enhancement of photocatalytic activity. <i>Journal of Materials Science</i> , 2021, 56, 8643-8657.	1.7	13
9	Ferromagnetic insulating behavior at low temperature induced by Sn doping in the ceramic SrRuO_3 . <i>Journal of the American Ceramic Society</i> , 2021, 104, 4086-4094.	1.9	1
10	Phases competition in half-doped $\text{La}_{0.5-x}\text{Dy}_x\text{Ca}_{0.5-y}\text{Sr}_y\text{MnO}_3$ films. <i>AIP Advances</i> , 2021, 11, 045029.	0.6	0
11	Topological magnon insulator spin excitations in the two-dimensional ferromagnet CrBr_3 . <i>Physical Review B</i> , 2021, 104, .	1.1	38
12	NIR-Activated Multimodal Photothermal/Chemodynamic/Magnetic Resonance Imaging Nanoplatfrom for Anticancer Therapy by Fe(II) Ions Doped MXenes (Fe_3C_2). <i>Small</i> , 2021, 17, e2101705.	5.2	49
13	An Organic-Inorganic Hybrid Pyrrolidinium Ferroelectric Based on Solvent Selective Effect. <i>Inorganic Chemistry</i> , 2021, 60, 17212-17218.	1.9	11
14	Properties and growth of large single crystals of one-dimensional organic lead iodine perovskite. <i>CrystEngComm</i> , 2020, 22, 7090-7094.	1.3	9
15	Improvement in solar cell efficiency based on the MAPbI_3 films extracted by a mixed anti-solvent. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	10
16	Amplifying photocurrent of graphene on GeSn film by sandwiching a thin oxide between them. <i>Applied Physics Letters</i> , 2020, 117, 152106.	1.5	1
17	Nonmonotonic crossover in electronic phase separated manganite superlattices driven by the superlattice period. <i>Physical Review B</i> , 2020, 102, .	1.1	6
18	Dielectric and Conductivity Relaxation of $\text{rGO}@\text{CdS}$ Nanocomposites via In Situ Assembly of CdS Nanoparticles on an rGO Layer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25133-25141.	1.5	7

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19	Direct experimental evidence of physical origin of electronic phase separation in manganites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7090-7094.	3.3	35
20	Ferroelectricity of trimethylammonium bromide below room temperature. Journal of Materials Chemistry C, 2020, 8, 5868-5872.	2.7	11
21	Composition effects on structure and optical properties in double perovskite derivatives semiconductors Cs ₂ Sn _{1-6x} Br _x (x = 0-6). APL Materials, 2020, 8, .	2.2	16
22	High-Temperature Molecular Ferroelectric Tris(2-hydroxyethyl) Ammonium Bromide with Dielectric Relaxation. Journal of Physical Chemistry Letters, 2019, 10, 6650-6655.	2.1	12
23	2D/3D interface engineering: direct Z-scheme g-C ₃ N ₄ /YMnO ₃ heterojunction for reinforced visible-light photocatalytic oxidation. Journal of Materials Science: Materials in Electronics, 2019, 30, 17601-17611.	1.1	18
24	Spin-orbit torque-mediated spin-wave excitation as an alternative paradigm for femtomagnetism. Journal of Applied Physics, 2019, 126, .	1.1	7
25	Competition of magnetic ordering and spin-phonon coupling in multiferroic hexagonal YMn _{1-x} CrxO ₃ . Journal of Applied Physics, 2019, 126, .	1.1	3
26	Coupling Among Carriers and Phonons in Femtosecond Laser Pulses Excited SrRuO ₃ : A Promising Candidate for Optomechanical and Optoelectronic Applications. ACS Applied Nano Materials, 2019, 2, 3882-3888.	2.4	8
27	Facile and novel in situ low-temperature growth of Cu ₂ S nanoarrays based on Cu substrates. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	3
28	Spin torque effect on topological defects and transitions of magnetic domain phases in Ta/CoFeB/MgO. Physical Review B, 2019, 99, .	1.1	12
29	Structural and ferroelectric properties of orthogonal crystalline in Fe-doped HoMnO ₃ synthesized at normal pressure. Journal of Materials Science: Materials in Electronics, 2019, 30, 7629-7636.	1.1	5
30	Ferroelectricity of the Orthorhombic and Tetragonal MAPbBr ₃ Single Crystal. Journal of Physical Chemistry Letters, 2019, 10, 2522-2527.	2.1	43
31	Synthesis of graphene on Ni foam with enhanced capacitive performance by embedding PS spacers. Materials Technology, 2019, 34, 499-505.	1.5	5
32	Crystal structure and optical performance in bulk ³ InSe single crystals. AIP Advances, 2019, 9, .	0.6	15
33	Nonvolatile Electric-Field Control of Ferromagnetic Resonance and Spin Pumping in Pt/YIG at Room Temperature. Advanced Electronic Materials, 2019, 5, 1800663.	2.6	11
34	10.1063/1.5110522.1., 2019, , .		0
35	Thermal conductivity enhancements and viscosity properties of water based Nanofluid containing carbon nanotubes decorated with ag nanoparticles. Heat and Mass Transfer, 2018, 54, 1847-1852.	1.2	11
36	Spin Hall effect and current induced magnetic switching in antiferromagnetic IrMn. AIP Advances, 2018, 8, .	0.6	9

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37	Anisotropic lattice strain induced by the enhanced electronic hybridization in SrTiO ₃ . Applied Physics Letters, 2018, 113, .	1.5	5
38	Electron mass enhancement and magnetic phase separation near the Mott transition in double-layer ruthenates. Frontiers of Physics, 2018, 13, 1.	2.4	3
39	The magnetic transition temperature tuned by strain in YMn _{0.9} Ru _{0.1} O ₃ thin films. AIP Advances, 2018, 8, .	0.6	2
40	Developments in Synchrotron X-ray Diffraction. , 2018, , 67-80.		0
41	The Evidence of Giant Surface Flexoelectric Field in (111) Oriented BiFeO ₃ Thin Film. ACS Applied Materials & Interfaces, 2017, 9, 5600-5606.	4.0	9
42	Synthesis of rGO/PS compound with sandwich structure on Ni foam as binder-free electrode for supercapacitor. Functional Materials Letters, 2017, 10, 1750032.	0.7	7
43	The effect of Dy-Fe co-doping on the structural and magnetic properties of h-YMnO ₃ . Journal of Materials Science: Materials in Electronics, 2017, 28, 8872-8877.	1.1	8
44	Mixed magnetic exchange interactions and ferromagnetic diffuse phase transition of La _{1-x} MnO _{3+δ} manganites. International Journal of Modern Physics B, 2017, 31, 1750051.	1.0	3
45	Mott transition controlled by lattice-orbital coupling in 3d-metal-doped double-layer ruthenates. Physical Review B, 2017, 96, .	1.1	10
46	A high-temperature organic-inorganic ferroelectric with outstanding switchable dielectric characteristics. RSC Advances, 2017, 7, 47933-47937.	1.7	21
47	Abnormal enhancement of ferromagnetism for LaMnO _{3+δ} thin films with decreasing oxygen pressure. AIP Advances, 2017, 7, 055837.	0.6	6
48	Magnetic and transport properties of Ba and Co co-doped SrRuO ₃ . AIP Advances, 2017, 7, 125021.	0.6	2
49	Magnetism and Transport Properties of Sr ₂ Ru _{1-x} Co _x O ₄ with $x = 0.25$. Journal of the American Ceramic Society, 2016, 99, 2024-2028.	1.9	3
50	Magnetic phase separation in double layer ruthenates Ca ₃ (Ru _{1-x} Ti _x) ₂ O ₇ . Scientific Reports, 2016, 6, 19462.	1.6	8
51	Catalyst- and template-free low-temperature in situ growth of n-type CdS nanowire on p-type CdTe film and p-n heterojunction properties. Scientific Reports, 2016, 6, 38858.	1.6	23
52	Investigation of structure and magnetic properties of Ru-doped YMnO ₃ . Journal of Applied Physics, 2016, 120, .	1.1	9
53	Synthesis of CdTe thin films on flexible metal foil by electrodeposition. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	6
54	New Molecular Ferroelectrics Accompanied by Ultrahigh Second-Harmonic Generation. Journal of Physical Chemistry Letters, 2016, 7, 1756-1762.	2.1	26

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55	Tunable Fano resonance and magneto-optical response in magnetoplasmonic structure fabricated by pure ferromagnetic metals. <i>Physical Review B</i> , 2016, 93, .	1.1	27
56	Chemical ordering suppresses large-scale electronic phase separation in doped manganites. <i>Nature Communications</i> , 2016, 7, 11260.	5.8	64
57	Enhancement of orbital ordering and spin polarization by controlling the dimensionality of the octahedra network. <i>Npj Quantum Materials</i> , 2016, 1, .	1.8	14
58	Molecular Ferroelectric Pyridin-4-ylmethanaminium Perchlorate Undergoes Paraelectric \leftrightarrow Ferroelectric and Ferroelectric \leftrightarrow Ferroelectric Phase Transitions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2925-2931.	1.5	22
59	A series of high-temperature molecular ferroelectric crystals: chlorine doped diisopropylammonium bromide. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1959-1963.	2.7	13
60	The growth mechanism and ferroelectric domains of diisopropylammonium bromide films synthesized via 12-crown-4 addition at room temperature. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7626-7631.	1.3	24
61	Structure study on SrRu _{1-x} Mn _x O ₄ using the extended X-ray absorption fine structure spectroscopy. <i>Journal of X-Ray Science and Technology</i> , 2015, 23, 611-616.	0.7	0
62	Synthesis and Properties of Bi ₂ Fe ₄ O ₉ with FeCl ₂ ·6H ₂ O Addition. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1128-1132.	1.9	8
63	Intrinsic Topological Insulator Bi _{1.5} Sb _{0.5} Te _{3-x} Sex Thin Crystals. <i>Scientific Reports</i> , 2015, 5, 7931.	1.6	9
64	Room-temperature growth of ferroelectric diisopropylammonium bromide with 12-crown-4 addition. <i>CrystEngComm</i> , 2015, 17, 2429-2432.	1.3	23
65	Two reversible ferroelectric phase transitions in diisopropylammonium perchlorate. <i>RSC Advances</i> , 2015, 5, 62647-62651.	1.7	19
66	Polarized Raman Scattering Studies of Hexagonal YMnO ₃ Single Crystal. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	1.2	3
67	Imaging superatomic molecular orbitals in a C ₆₀ molecule through four 800-nm photons. <i>International Journal of Modern Physics B</i> , 2015, 29, 1550115.	1.0	6
68	Magnetic properties and local microstructures in Zn-doped YMnO ₃ . <i>Journal of Applied Physics</i> , 2014, 115, 133907.	1.1	9
69	Exchange bias induced by the fully strained La _{2/3} Ca _{1/3} MnO ₃ dead layers. <i>Journal of Applied Physics</i> , 2014, 115, 17D701.	1.1	2
70	Structural properties of InN on PbTiO ₃ (111) surfaces. <i>Journal of Materials Science</i> , 2014, 49, 4715-4721.	1.7	5
71	Investigation of the mechanism of the Ag/SiN _x firing-through process of screen-printed silicon solar cells. <i>RSC Advances</i> , 2014, 4, 24384-24388.	1.7	10
72	Above-room-temperature molecular ferroelectric and fast switchable dielectric of diisopropylammonium perchlorate. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9957-9963.	2.7	53

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73	SPIN-FRUSTRATED EFFECT AND THE MAGNETIC PROPERTIES IN $YMn_{1-x}Al_xO_3$. Modern Physics Letters B, 2013, 27, 1350163.	1.0	5
74	Effect of annealing on the microstructures and the magnetic properties of [Fe/Pt] ₁₆ multilayers on MgO (001) substrates. Journal of the Korean Physical Society, 2013, 63, 521-524.	0.3	5
75	Facile hydrothermal synthesis of hydrotropic Cu ₂ ZnSnS ₄ nanocrystal quantum dots: band-gap engineering and phonon confinement effect. Journal of Materials Chemistry A, 2013, 1, 3182.	5.2	147
76	From quasi-two-dimensional metal with ferromagnetic bilayers to Mott insulator with G-type antiferromagnetic order in Ca		

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91	MICROSTRUCTURE AND MAGNETORESISTANCE OF $\text{CaCu}_x\text{Mn}_{3-x}\text{Mn}_4\text{O}_{12}$. International Journal of Modern Physics B, 2011, 25, 83-89.		
92	First-principles study of Sr adsorption on InN (0001). European Physical Journal B, 2010, 73, 75-78.	0.6	4
93	Synthesis and crystal structure of double-perovskite compound $\text{Sr}_2\text{FeMoO}_6$. Powder Diffraction, 2010, 25, S17-S21.	0.4	14
94	Strain Effect in Cation Disorder Manganite Films. Journal of Superconductivity and Novel Magnetism, 2010, 23, 867-870.	0.8	0
95	Effect of Interfacial Roughness Configuration on the Exchange-Bias Field in NiO Based Spin Valves. Journal of Superconductivity and Novel Magnetism, 2010, 23, 863-866.	0.8	4
96	Spin dependence scattering and spin-flip effect on the current-in-plane transport behavior in NiO-based-spin valve. Physica Status Solidi (B): Basic Research, 2010, 247, 329-334.	0.7	1
97	Interplay between the lattice and spin degrees of freedom in $\text{La}_{1-x}\text{MnO}_3/\text{SrTiO}_3$ heteroepitaxial junctions. Physical Review B, 2010, 82, .	1.1	19
98	Magnetically tunable properties related with carriers density in self-doped $\text{La}_{1-x}\text{MnO}_3/\text{SrTiO}_3$ heteroepitaxial junctions. Journal of Applied Physics, 2010, 107, 09C704.	1.1	0
99	Structural and electronic properties of $\text{PbTiO}_3/\text{SrTiO}_3$ superlattices from first principles. Physical Review B, 2010, 82, .	1.1	14
100	Structural and magnetic properties in the nonstoichiometric perovskite-type oxides $\text{La}_{0.67}\text{Sr}_{0.15}\text{MnO}_{3-\delta}$. , 2010, , .		0
101	X-ray diffraction study on $\text{YBa}_2\text{Cu}_3\text{O}_7$ with BaCuO_2 addition. Powder Diffraction, 2010, 25, S52-S54.	0.4	0
102	Structural, magnetic, and electronic transport properties of $(\text{Sr}_{0.9}\text{Ca}_{0.1})_3\text{Ru}_2\text{O}_7$ single crystal. Journal of Applied Physics, 2009, 105, 07E323.	1.1	3
103	Phase separation induced by cation disorder and strain in $(\text{La},\text{Y})_{2/3}(\text{Ca},\text{Sr})_{1/3}\text{MnO}_3$ films. Journal of Applied Physics, 2009, 105, .	1.1	2
104	Surface structure of strontium titanate. Journal of Applied Physics, 2009, 105, 083526.	1.1	33
105	Effects of A-site cation disorder on structure and magnetocaloric properties in Y and Sr codoped $\text{La}_2\text{Ca}_3\text{MnO}_3$ compounds. Journal of Applied Physics, 2009, 105, .	1.1	11
106	Effects of Gd_2O_3 addition in $\text{YBa}_2\text{Cu}_3\text{O}_7$ on the critical current density. Journal of Applied Physics, 2008, 103, 07C714.	1.1	7
107	Grain-boundary effects on magnetotransport properties in $\text{La}_2\text{Ca}_3\text{MnO}_3\text{YBa}_{1.8}\text{Eu}_{0.2}\text{Cu}_3\text{O}_7$ multilayers. Journal of Applied Physics, 2008, 103, 07F711.	1.1	2
108	SURFACE MORPHOLOGY AND TRANSPORT PROPERTY IN $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{YBa}_{1.8}\text{Eu}_{0.2}\text{Cu}_3\text{O}_7$ PERIODIC FILMS. Surface Review and Letters, 2007, 14, 841-844.	0.5	2

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109	EFFECTS OF Sc SUBSTITUTING Y IN $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ON THE FLUX PINNING PROPERTIES. International Journal of Modern Physics B, 2007, 21, 3180-3182.	1.0	2
110	SUBSTRATE EFFECTS ON SURFACE MORPHOLOGY IN $(\text{La}_{2/3-x}\text{Y}_x)(\text{Ca}_{1/3-y}\text{Sr}_y)\text{MnO}_3$ FILMS. Surface Review and Letters, 2007, 14, 845-848.	0.5	1
111	EVOLUTION OF SPIN OF A QUANTUM DOT EMBEDDED IN A SUPERCONDUCTING RING. International Journal of Modern Physics B, 2007, 21, 3151-3155.	1.0	1
112	A BILAYER BUFFER USING $214\text{T Eu}_2\text{CuO}_4$ AND CUBIC YSZ FOR GROWING $\text{YBa}_2\text{Cu}_3\text{O}_y$ THIN FILMS ON Si . Surface Review and Letters, 2007, 14, 773-777.	0.5	2
113	DISLOCATION DENSITY IN SrTiO_3 FILM GROWN ON DyScO_3 BY PULSE LASER ABLATION. Surface Review and Letters, 2007, 14, 779-782.	0.5	1
114	THE RESISTIVITY INDUCED BY THE VARIATION OF Co ION'S SPIN CONFIGURATION IN $\text{La}_{2/3}\text{Ca}_{1/3}\text{Mn}_{1-x}\text{Co}_x$ International Journal of Modern Physics B, 2007, 21, 3398-3400.		
115	Influence of different surface-passivation dielectrics on high-temperature strain relaxation of AlGaIn in AlGaIn/GaN heterostructures. Journal of Vacuum Science & Technology B, 2007, 25, 1896.	1.3	1
116	Comparison Between Top and Bottom NiO -Pinning Spin Valves: Correlation Between the Extraordinary Hall Effect and Resistivity. IEEE Transactions on Magnetics, 2007, 43, 2842-2844.	1.2	0
117	Inverse magnetoresistance caused by nano-nitride-layer doping at the inner interfaces in the sandwich of $\text{Co}/\text{Cu}/\text{Co}$. Journal of Applied Physics, 2006, 99, 08R507.	1.1	3
118	Doping effects of a nano-nitride layer at the interfaces of a $\text{NiO}/\text{Co}/\text{Cu}/\text{Co}/\text{Cu}$ structure. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 956-962.	0.8	0
119	STRESS EFFECTS ON $\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ THIN FILMS. Integrated Ferroelectrics, 2006, 79, 47-54.	0.3	0
120	Switching properties of Nd - and La -doped $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ thin films under applied stress. Physical Review B, 2005, 72, .	1.1	19
121	THICKNESS DEPENDENCE OF MORPHOLOGY IN $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ THIN FILMS. International Journal of Modern Physics B, 2005, 19, 2409-2414.	1.0	1
122	MAGNETORESISTANCE IN NANO-SCALE NiO -CONTAINING $\text{Co}/\text{Cu}/\text{Co}$ SPIN VALVES. International Journal of Modern Physics B, 2005, 19, 2574-2579.	1.0	2
123	Effect of thermal stability on magnetoresistance in NiO spin valve. Journal of Applied Physics, 2004, 95, 7294-7296.	1.1	12
124	X-Ray Diffraction Studies on Yttrium-Doped $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$. Journal of Superconductivity and Novel Magnetism, 2004, 17, 247-251.	0.5	9
125	Crystal structure of Cu doped $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ by Rietveld refinement. Powder Diffraction, 2004, 19, 329-332.	0.4	1
126	An X-ray scattering study on inverted Ge/Si huts grown at low temperatures. Powder Diffraction, 2004, 19, 347-351.	0.4	0

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127	The crystal structure of La _{0.7} Pr _{0.3} Ba ₂ Cu ₃ O _d ceramic compound. Powder Diffraction, 2002, 17, 25-29.	0.4	1
128	Structure determination and Rietveld refinement of Y _{0.8} Ca _{0.2} Ba _{1.8} La _{0.2} Cu ₃ O _y . Powder Diffraction, 2001, 16, 212-215.	0.4	1
129	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2001, 14, 525-530.	0.5	2
130	Coexistence of superconductivity and antiferromagnetism in the La _{1-x} Pr _x Ba ₂ Cu ₃ O ₇ system. Journal of Applied Physics, 2001, 89, 7663-7665.	1.1	4
131	Spin Gap Characteristic of Y(Ba _{1-x} Gdx) ₂ Cu ₃ O _{7-δ} . Journal of Superconductivity and Novel Magnetism, 2000, 13, 393-400.	0.5	3
132	Abnormal Structural Behavior of Y _{0.8} Ca _{0.2} Ba _{1.8} Nd _{0.2} Cu ₃ O _y at Low Temperature. Journal of Superconductivity and Novel Magnetism, 2000, 13, 645-651.	0.5	1
133	Comparison of Superconductivity and Structure for YBa ₂ Cu ₃ O _y with Potassium and Sodium Doping. Journal of Superconductivity and Novel Magnetism, 2000, 13, 653-658.	0.5	1
134	Positron annihilation in hydrogenated YBCO superconductor. Journal of Materials Science, 1998, 33, 3623-3628.	1.7	2
135	An accurate method of iodometric titration to measure copper valence of high-T _c superconductors. Journal of Superconductivity and Novel Magnetism, 1997, 10, 41-44.	0.5	18
136	A structural transition of Fe-doped superconducting cuprates. Journal of Superconductivity and Novel Magnetism, 1997, 10, 45-48.	0.5	3
137	Two phase co-existence in YBa ₂ (Cu _{1-x} Cox) ₃ O _{7-δ} superconductor with x=0.03. Journal of Materials Science, 1996, 31, 6113-6117.	1.7	1
138	Crystal tilting in the epitaxial laterally overgrown GaN films on sapphire substrate by hydride vapor phase epitaxy. , 0, , .		0
139	Adjustment of Electromagnetic Properties in SrRuO ₃ via Ru Content. Journal of Superconductivity and Novel Magnetism, 0, , 1.	0.8	0