Ru-Shi Liu

List of Publications by Year
in descending order

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605 papers	34,802 citations	2975 93 h-index	5539 163 g-index
645 all docs	645 docs citations	645 times ranked	29911 citing authors

#	Article	IF	Citations
1	Systematic treatment and evaluation of nitride phosphor with hybrid layer modification against moisture degradation. Chemical Engineering Journal, 2022, 430, 132789.	12.7	9
2	Photoluminescence enhancement study in a Bi-doped Cs₂AgInCl₆ double perovskite by pressure and temperature-dependent self-trapped exciton emission. Dalton Transactions, 2022, 51, 2026-2032.	3.3	14
3	Revealing the absence of carbon in aprotic Liâ€“CO₂ batteries: a mechanism study toward CO₂ reduction under a pure CO₂ environment. Journal of Materials Chemistry A, 2022, 10, 3460-3468.	10.3	12
4	Ni²⁺-Doped Garnet Solid-Solution Phosphor-Converted Broadband Shortwave Infrared Light-Emitting Diodes toward Spectroscopy Application. ACS Applied Materials & Interfaces, 2022, 14, 4265-4275.	8.0	68
5	Gap surface plasmon-enhanced photoluminescence from upconversion nanoparticle-sensitized perovskite quantum dots in a metalâ€“insulatorâ€“metal configuration under NIR excitation. Journal of Materials Chemistry C, 2022, 10, 532-541.	5.5	9
6	Integrated therapy platform of exosomal system: hybrid inorganic/organic nanoparticles with exosomes for cancer treatment. Nanoscale Horizons, 2022, 7, 352-367.	8.0	30
7	Simultaneous construction of impermeable dual-shell stabilizing fluoride phosphors for white light-emitting diodes. Chemical Engineering Journal, 2022, 435, 134951.	12.7	10
8	Molybdenum Disulfide/Tin Disulfide Ultrathin Nanosheets as Cathodes for Sodiumâ€“Carbon Dioxide Batteries. ACS Applied Materials & Interfaces, 2022, 14, 5834-5842.	8.0	10
9	Effect of Temperature and Pressure on Structural and Optical Properties of Organicâ€“Inorganic Hybrid Manganese Halides. Inorganic Chemistry, 2022, 61, 2595-2602.	4.0	25
10	Nitrogen-inserted nickel nanosheets with controlled orbital hybridization and strain fields for boosted hydrogen oxidation in alkaline electrolytes. Energy and Environmental Science, 2022, 15, 1234-1242.	30.8	42
11	The optical research progress of nanophosphors composed of transition elements in the fourth period of near-infrared windows I and II for deep-tissue theranostics. Nanoscale, 2022, 14, 7123-7136.	5.6	19
12	Progress and Viewpoints of Multifunctional Composite Nanomaterials for Glioblastoma Theranostics. Pharmaceutics, 2022, 14, 456.	4.5	6
13	M_xLa_{1â€“x}SiO_{2â€“y}N_z (M = Ca/Sr/Ba): Elucidating and Tuning the Structure and Eu²⁺ Local Environments to Develop Full-Visible Spectrum Phosphors. Chemistry of Materials, 2022, 34, 4039-4049.	6.7	14
14	Stable Luminous Organicâ€“Inorganic Hybrid Manganese Halide Nanostructures for Light-Emitting Diodes. ACS Applied Nano Materials, 2022, 5, 4623-4628.	5.0	5
15	Correlated Na⁺ Ion Migration Invokes Zero Thermal Quenching in a Sodium Superionic Conductor-type Phosphor. Chemistry of Materials, 2022, 34, 107-115.	6.7	13
16	Disorderâ€“Order Conversionâ€Induced Enhancement of Thermal Stability of Pyroxene Nearâ€Infrared Phosphors for Lightâ€Emitting Diodes. Angewandte Chemie, 2022, 134, .	2.0	17
17	Disorderâ€“Order Conversionâ€Induced Enhancement of Thermal Stability of Pyroxene Nearâ€Infrared Phosphors for Lightâ€Emitting Diodes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	51
18	Halideâ€type Liâ€ion conductors: Future options for highâ€voltage allâ€solidâ€state batteries. Journal of the Chinese Chemical Society, 2022, 69, 1233-1241.	1.4	2

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19	Evolutionary Generation of Phosphor Materials and Their Progress in Future Applications for Light-Emitting Diodes. Chemical Reviews, 2022, 122, 11474-11513.	47.7	167
20	In Situ Growth of High-Quality CsPbBr₃ Quantum Dots with Unusual Morphology inside a Transparent Glass with a Heterogeneous Crystallization Environment for Wide Gamut Displays. ACS Applied Materials & Interfaces, 2022, 14, 30029-30038.	8.0	17
21	Na@C composite anode for a stable Na|NZSP interface in solid-state Naâ€“CO2 battery. Journal of Alloys and Compounds, 2022, 922, 166123.	5.5	3
22	Enticing applications of <scp>nearâ€infrared</scp> phosphors: Review and future perspectives. Journal of the Chinese Chemical Society, 2021, 68, 206-215.	1.4	24
23	Singleâ€Crystal Red Phosphors and Their Coreâ€“Shell Structure for Improved Waterâ€Resistance for Laser Diodes Applications. Angewandte Chemie - International Edition, 2021, 60, 3940-3945.	13.8	46
24	Singleâ€Crystal Red Phosphors and Their Coreâ€“Shell Structure for Improved Waterâ€Resistance for Laser Diodes Applications. Angewandte Chemie, 2021, 133, 3986-3991.	2.0	14
25	Hidden Structural Evolution and Bond Valence Control in Near-Infrared Phosphors for Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 109-114.	17.4	110
26	Capturing carbon dioxide in Naâ€“<scp>CO₂</scp> batteries: A route for green energy. Journal of the Chinese Chemical Society, 2021, 68, 421-428.	1.4	10
27	Comprehensive view on recent developments in hydrogen evolution using MoS₂ on a Si photocathode: from electronic to electrochemical aspects. Journal of Materials Chemistry A, 2021, 9, 3767-3785.	10.3	14
28	Long-Term Near-Infrared Signal Tracking of the Therapeutic Changes of Glioblastoma Cells in Brain Tissue with Ultrasound-Guided Persistent Luminescent Nanocomposites. ACS Applied Materials & Interfaces, 2021, 13, 6099-6108.	8.0	12
29	Surface-Protected High-Efficiency Nanophosphors via Space-Limited Ship-in-a-Bottle Synthesis for Broadband Near-Infrared Mini-Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 659-664.	17.4	38
30	Catalytically Active Site Identification of Molybdenum Disulfide as Gas Cathode in a Nonaqueous Liâ€“CO₂ Battery. ACS Applied Materials & Interfaces, 2021, 13, 6156-6167.	8.0	18
31	Nitrate reduction to ammonium: from CuO defect engineering to waste NO_x-to-NH₃economic feasibility. Energy and Environmental Science, 2021, 14, 3588-3598.	30.8	161
32	Dual-emission Eu-doped Ca2â^'xSrxPN3 nitridophosphate phosphors prepared by hot isostatic press. Journal of Materials Chemistry C, 2021, 9, 8158-8162.	5.5	1
33	Interfacial chemistry in anode-free batteries: challenges and strategies. Journal of Materials Chemistry A, 2021, 9, 7396-7406.	10.3	65
34	Nearâ€Infrared Nanophosphor Embedded in Mesoporous Silica Nanoparticle with High Lightâ€Harvesting Efficiency for Dual Photosystem Enhancement. Angewandte Chemie, 2021, 133, 7031-7035.	2.0	1
35	Nearâ€Infrared Nanophosphor Embedded in Mesoporous Silica Nanoparticle with High Lightâ€Harvesting Efficiency for Dual Photosystem Enhancement. Angewandte Chemie - International Edition, 2021, 60, 6955-6959.	13.8	31
36	High-Performance NaK₂Li[Li₃SiO₄]₄:Eu Green Phosphor for Backlighting Light-Emitting Diodes. Chemistry of Materials, 2021, 33, 1893-1899.	6.7	31

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37	Chemical and Mechanical Pressure-Induced Photoluminescence Tuning via Structural Evolution and Hydrostatic Pressure. Chemistry of Materials, 2021, 33, 3832-3840.	6.7	20
38	Graphene oxide @ nickel phosphate nanocomposites for photocatalytic hydrogen production. Chemical Engineering Journal Advances, 2021, 6, 100105.	5.2	7
39	An Advanced In Situ Magnetic Resonance Imaging and Ultrasonic Theranostics Nanocomposite Platform: Crossing the Bloodâ€“Brain Barrier and Improving the Suppression of Glioblastoma Using Iron-Platinum Nanoparticles in Nanobubbles. ACS Applied Materials & Interfaces, 2021, 13, 26759-26769.	8.0	42
40	In Situ/Operando Methods of Characterizing All-Solid-State Li-Ion Batteries: Understanding Li-Ion Transport during Cycle. Journal of Physical Chemistry C, 2021, 125, 16921-16937.	3.1	9
41	Naâ€“CO2 battery with NASICON-structured solid-state electrolyte. Nano Energy, 2021, 85, 105972.	16.0	29
42	Designing Undercoordinated Niâ€“N_x and Feâ€“N_x on Holey Graphene for Electrochemical CO₂ Conversion to Syngas. ACS Nano, 2021, 15, 12006-12018.	14.6	68
43	Formation and Near-Infrared Emission of CsPbI₃ Nanoparticles Embedded in Cs₄PbI₆ Crystals. ACS Applied Materials & Interfaces, 2021, 13, 34742-34751.	8.0	8
44	Linking Macro- and Micro-structural Analysis with Luminescence Control in Oxynitride Phosphors for Light-Emitting Diodes. Chemistry of Materials, 2021, 33, 7897-7904.	6.7	8
45	Effective Ru/CNT Cathode for Rechargeable Solid-State Liâ€“CO₂ Batteries. ACS Applied Materials & Interfaces, 2021, 13, 44266-44273.	8.0	24
46	Reconstruction of Mn4+-free shell achieving highly stable red-emitting fluoride phosphors for light-emitting diodes. Chemical Engineering Journal, 2021, 426, 131350.	12.7	19
47	Microfluidic synthesis of CsPbBr3/Cs4PbBr6 nanocrystals for inkjet printing of mini-LEDs. Chemical Engineering Journal, 2021, 426, 130849.	12.7	33
48	Synergetic effect-triggered performance promotion of Sr3â^'xBaxP5N10Cl:Eu2+ phosphors. Journal of Materials Chemistry C, 2021, 9, 12063-12067.	5.5	3
49	Comparative Study of Liâ€“CO₂ and Naâ€“CO₂ Batteries with Ru@CNT as a Cathode Catalyst. ACS Applied Materials & Interfaces, 2021, 13, 480-490.	8.0	35
50	Synthesis of ultra-stable perovskite composite quantum dots for light-emitting diodes. Green Chemistry, 2021, 23, 8871-8877.	9.0	13
51	Natural Carbon Nanodots: Toxicity Assessment and Theranostic Biological Application. Pharmaceutics, 2021, 13, 1874.	4.5	27
52	Chromium Ion Pair Luminescence: A Strategy in Broadband Near-Infrared Light-Emitting Diode Design. Journal of the American Chemical Society, 2021, 143, 19058-19066.	13.7	125
53	Extensively Reducing Interfacial Resistance by the Ultrathin Pt Layer between the Garnet-Type Solid-State Electrolyte and Liâ€“Metal Anode. ACS Applied Materials & Interfaces, 2021, 13, 56181-56190.	8.0	13
54	Plasmon-Triggered Upconversion Emissions and Hot Carrier Injection for Combinatorial Photothermal and Photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 58422-58433.	8.0	19

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55	Phosphorous-doped molybdenum disulfide anchored on silicon as an efficient catalyst for photoelectrochemical hydrogen generation. Applied Catalysis B: Environmental, 2020, 263, 118259.	20.2	40
56	Photo-/electro-luminescence enhancement of CsPbX₃ (X = Cl, Br, or I) perovskite quantum dots via thiocyanate surface modification. Journal of Materials Chemistry C, 2020, 8, 1065-1071.	5.5	26
57	Cuboid-Size-Controlled Color-Tunable Eu-Doped Alkaliâ€“Lithosilicate Phosphors. Chemistry of Materials, 2020, 32, 1748-1759.	6.7	56
58	Magnetically Guided Theranostics: Optimizing Magnetic Resonance Imaging with Sandwich-Like Kaolinite-Based Iron/Platinum Nanoparticles for Magnetic Fluid Hyperthermia and Chemotherapy. Chemistry of Materials, 2020, 32, 697-708.	6.7	29
59	Study on the surface modification of spinel LiNi0.45Cr0.1Mn1.45O4. Journal of Alloys and Compounds, 2020, 821, 153418.	5.5	0
60	Monitoring the phase evolution in LiCoO₂ electrodes during battery cycles using inâ€situ neutron diffraction technique. Journal of the Chinese Chemical Society, 2020, 67, 344-352.	1.4	17
61	[INVITED] Near-infrared phosphors and their full potential: A review on practical applications and future perspectives. Journal of Luminescence, 2020, 219, 116944.	3.1	105
62	Chromium(III)-Doped Fluoride Phosphors with Broadband Infrared Emission for Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 376-385.	4.0	84
63	Theranostic nanobubble encapsulating a plasmon-enhanced upconversion hybrid nanosystem for cancer therapy. Theranostics, 2020, 10, 782-796.	10.0	46
64	Gelatin sponge functionalized with gold/silver clusters for antibacterial application. Nanotechnology, 2020, 31, 134004.	2.6	20
65	Recent Developments in Leadâ€Free Double Perovskites: Structure, Doping, and Applications. Chemistry - an Asian Journal, 2020, 15, 242-252.	3.3	74
66	Interface Between Solid-State Electrolytes and Li-Metal Anodes: Issues, Materials, and Processing Routes. ACS Applied Materials & Interfaces, 2020, 12, 47181-47196.	8.0	62
67	Perovskite Quantum Dots for Application in High Color Gamut Backlighting Display of Light-Emitting Diodes. ACS Energy Letters, 2020, 5, 3374-3396.	17.4	162
68	Multi-Site Cation Control of Ultra-Broadband Near-Infrared Phosphors for Application in Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 15101-15110.	4.0	42
69	Highly Luminescent CsPbBr₃@Cs₄PbBr₆ Nanocrystals and Their Application in Electroluminescent Emitters. Journal of Physical Chemistry Letters, 2020, 11, 10196-10202.	4.6	30
70	High-performance Naâ€“CO₂ batteries with ZnCo₂O₄@CNT as the cathode catalyst. Journal of Materials Chemistry A, 2020, 8, 23974-23982.	10.3	25
71	Molybdenum Tungsten Disulfide with a Large Number of Sulfur Vacancies and Electronic Unoccupied States on Silicon Micropillars for Solar Hydrogen Evolution. ACS Applied Materials & Interfaces, 2020, 12, 54671-54682.	8.0	23
72	Ultra-high-efficiency near-infrared Ga₂O₃:Cr³⁺ phosphor and controlling of phytochrome. Journal of Materials Chemistry C, 2020, 8, 11013-11017.	5.5	111

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73	Transforming active sites in nickelâ€“nitrogenâ€“carbon catalysts for efficient electrochemical CO2 reduction to CO. Nano Energy, 2020, 78, 105213.	16.0	69
74	Broadband NaK₂Li[Li₃SiO₄]₄:Ce Alkali Lithosilicate Blue Phosphors. Journal of Physical Chemistry Letters, 2020, 11, 6621-6625.	4.6	14
75	In situ synthesis of high-efficiency CsPbBr₃/CsPb₂Br₅ composite nanocrystals in aqueous solution of microemulsion. Green Chemistry, 2020, 22, 5257-5261.	9.0	16
76	Inserting Co and P into MoS₂ photocathodes: enhancing hydrogen evolution reaction catalytic performance by activating edges and basal planes with sulfur vacancies. Catalysis Science and Technology, 2020, 10, 6902-6909.	4.1	11
77	Boosting Solar Hydrogen Production of Molybdenum Tungsten Sulfide-Modified Si Micropyramids by Introducing Phosphate. ACS Applied Materials & Interfaces, 2020, 12, 41515-41526.	8.0	10
78	Matchmaker of Marriage between a Li Metal Anode and NASICON-Structured Solid-State Electrolyte: Plastic Crystal Electrolyte and Three-Dimensional Host Structure. ACS Applied Materials & Interfaces, 2020, 12, 44754-44761.	8.0	22
79	Efficient Luminescence from CsPbBr₃ Nanoparticles Embedded in Cs₄PbBr₆. Journal of Physical Chemistry Letters, 2020, 11, 7637-7642.	4.6	29
80	A selective drug delivery system based on phospholipid-type nanobubbles for lung cancer therapy. Nanomedicine, 2020, 15, 2689-2705.	3.3	8
81	ZnSe:Te/ZnSeS/ZnS nanocrystals: an access to cadmium-free pure-blue quantum-dot light-emitting diodes. Nanoscale, 2020, 12, 11556-11561.	5.6	23
82	Plasmonic hot electrons for sensing, photodetection, and solar energy applications: A perspective. Journal of Chemical Physics, 2020, 152, 220901.	3.0	141
83	Ultra-broadband near-infrared emission CuInS₂/ZnS quantum dots with high power efficiency and stability for the theranostic applications of mini light-emitting diodes. Chemical Communications, 2020, 56, 8285-8288.	4.1	22
84	Improvement of lithium anode deterioration for ameliorating cyclabilities of non-aqueous Liâ€“CO₂ batteries. Nanoscale, 2020, 12, 8385-8396.	5.6	29
85	Editorial: Electrode Materials for Lithium and Post-Lithium Rechargeable Batteries. Frontiers in Materials, 2020, 7, .	2.4	2
86	Spinel Zinc Cobalt Oxide (ZnCo₂O₄) Porous Nanorods as a Cathode Material for Highly Durable Liâ€“CO₂ Batteries. ACS Applied Materials & Interfaces, 2020, 12, 17353-17363.	8.0	37
87	Nextâ€Generation Cancerâ€Specific Hybrid Theranostic Nanomaterials: MAGEâ€A3 NIR Persistent Luminescence Nanoparticles Conjugated to Afatinib for In Situ Suppression of Lung Adenocarcinoma Growth and Metastasis. Advanced Science, 2020, 7, 1903741.	11.2	34
88	Curtailing the Overpotential of Liâ€“CO 2 Batteries with Shapeâ€Controlled Cu 2 O as Cathode: Effect of Illuminating the Cathode. ChemSusChem, 2020, 13, 2719-2725.	6.8	24
89	Penetrating Biological Tissue Using Light-Emitting Diodes with a Highly Efficient Near-Infrared ScBO₃:Cr³⁺ Phosphor. Chemistry of Materials, 2020, 32, 2166-2171.	6.7	142
90	Strategies for Designing Antithermalâ€Quenching Red Phosphors. Advanced Science, 2020, 7, 1903060.	11.2	121

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91	Harnessing the interplay of Feâ€“Ni atom pairs embedded in nitrogen-doped carbon for bifunctional oxygen electrocatalysis. Nano Energy, 2020, 71, 104597.	16.0	231
92	Improvement in quantum yield by suppression of trions in room temperature synthesized CsPbBr₃ perovskite quantum dots for backlight displays. Nanoscale, 2020, 12, 3820-3826.	5.6	34
93	Correlated N/O anion orders in melilite phosphors. Journal of Solid State Chemistry, 2020, 284, 121198.	2.9	1
94	Thermally Stable and Deep Red Luminescence of Sr_{1â€“x}Ba_x[Mg₂Al₂N₄]:Eu²⁺ (x = 0â€“1) Phosphors for Solid State and Agricultural Lighting Applications. ACS Applied Materials & Interfaces, 2020, 12, 23165-23171.	8.0	42
95	Broadband Cr³⁺, Sn⁴⁺â€Doped Oxide Nanophosphors for Infrared Mini Lightâ€Emitting Diodes. Angewandte Chemie, 2019, 131, 2091-2094.	2.0	11
96	Development of upconversion nanoparticle-conjugated indium phosphide quantum dot for matrix metalloproteinase-2 cancer transformation sensing. Nanomedicine, 2019, 14, 1791-1804.	3.3	10
97	Graphitic carbon nitride-based nanocomposites and their biological applications: a review. Nanoscale, 2019, 11, 14993-15003.	5.6	72
98	Ultra-Broadband Phosphors Converted Near-Infrared Light Emitting Diode with Efficient Radiant Power for Spectroscopy Applications. ACS Photonics, 2019, 6, 3215-3224.	6.6	64
99	Broadband near-infrared persistent luminescence of Ba[Mg₂Al₂N₄] with Eu²⁺ and Tm³⁺ after red light charging. Journal of Materials Chemistry C, 2019, 7, 1705-1712.	5.5	34
100	Plasmonic Nanoparticles: Plasmon-Enhanced Electrocatalytic Properties of Rationally Designed Hybrid Nanostructures at a Catalytic Interface (Adv. Mater. Interfaces 2/2019). Advanced Materials Interfaces, 2019, 6, 1970011.	3.7	0
101	An insight into the preferential substitution and structure repair in Eu²⁺-doped whitlockite-type phosphors based on the combined experimental and theoretical calculations. Journal of Materials Chemistry C, 2019, 7, 8954-8961.	5.5	14
102	Chemical Control of SrLi(Al_{1â€“x}Ga_x)₃N₄:Eu²⁺ Red Phosphors at Extreme Conditions for Application in Light-Emitting Diodes. Chemistry of Materials, 2019, 31, 4614-4618.	6.7	37
103	Alcohol-Guided Growth of Two-Dimensional Narrow-Band Red-Emitting K₂TiF₆:Mn⁴⁺ for White-Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2019, 11, 20143-20149.	8.0	33
104	An efficient multi-doping strategy to enhance Li-ion conductivity in the garnet-type solid electrolyte Li₇La₃Zr₂O₁₂. Journal of Materials Chemistry A, 2019, 7, 8589-8601.	10.3	124
105	Microfluidic Synthesis of Semiconducting Colloidal Quantum Dots and Their Applications. ACS Applied Nano Materials, 2019, 2, 1773-1790.	5.0	69
106	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of Sr(LiAl₃)_{1â^’x}(SiMg₃)_xN₄:Eu²⁺ Phosphors. Angewandte Chemie - International Edition, 2019, 58, 7767-7772.	13.6	57
107	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of Sr(LiAl 3) 1â^’ x (SiMg 3) x N 4 :Eu 2+ Phosphors. Angewandte Chemie, 2019, 131, 7849-7854.	2.0	6
108	(INVITED) Recent progress on broadband near-infrared phosphors-converted light emitting diodes for future miniature spectrometers. Optical Materials: X, 2019, 1, 100011.	0.8	31

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109	Tuning the Coordination Environment in Single-Atom Catalysts to Achieve Highly Efficient Oxygen Reduction Reactions. Journal of the American Chemical Society, 2019, 141, 20118-20126.	13.7	683
110	Broadband Cr³⁺, Sn⁴⁺â€Doped Oxide Nanophosphors for Infrared Mini Lightâ€Emitting Diodes. Angewandte Chemie - International Edition, 2019, 58, 2069-2072.	13.8	95
111	Quantum dots for light conversion, therapeutic and energy storage applications. Journal of Solid State Chemistry, 2019, 270, 71-84.	2.9	16
112	Plasmonâ€Enhanced Electrocatalytic Properties of Rationally Designed Hybrid Nanostructures at a Catalytic Interface. Advanced Materials Interfaces, 2019, 6, 1801144.	3.7	24
113	Pressure-controlled chemical vapor deposition of graphene as catalyst for solar hydrogen evolution reaction. Catalysis Today, 2019, 335, 395-401.	4.4	6
114	Super-Hydrophobic Cesium Lead Halide Perovskite Quantum Dot-Polymer Composites with High Stability and Luminescent Efficiency for Wide Color Gamut White Light-Emitting Diodes. Chemistry of Materials, 2019, 31, 1042-1047.	6.7	203
115	Hydrogen-Containing Na3HTi1â€“xMnxF8 Narrow-Band Phosphor for Light-Emitting Diodes. ACS Energy Letters, 2019, 4, 527-533.	17.4	16
116	Nano-liposphere as acoustically active ultrasound contrast agents: evolving tumor imaging and therapy technique. Nanotechnology, 2019, 30, 182001.	2.6	15
117	Recent advances in quantum dot-based light-emitting devices: Challenges and possible solutions. Materials Today, 2019, 24, 69-93.	14.2	213
118	Near-Infrared-Activated Fluorescence Resonance Energy Transfer-Based Nanocomposite to Sense MMP2-Overexpressing Oral Cancer Cells. ACS Omega, 2018, 3, 1627-1634.	3.5	7
119	Optimizing the Lithium Phosphorus Oxynitride Protective Layer Thickness on Lowâ€Grade Composite Siâ€Based Anodes for Lithiumâ€Ion Batteries. ChemistrySelect, 2018, 3, 729-735.	1.5	7
120	Synergistic Improvement in Charge Overpotential of Liâ€“O₂ Batteries by Oxidized Carbon Nanotubes and Cobalt Nitride Composites. Journal of Physical Chemistry C, 2018, 122, 13416-13423.	3.1	10
121	Nanobubble-embedded inorganic 808Ânm excited upconversion nanocomposites for tumor multiple imaging and treatment. Chemical Science, 2018, 9, 3141-3151.	7.4	53
122	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn⁴⁺â€Activated Narrow Band Fluoride Phosphors. Angewandte Chemie - International Edition, 2018, 57, 1797-1801.	13.8	93
123	Cobalt Diselenide Nanorods Grafted on Graphitic Carbon Nitride: A Synergistic Catalyst for Oxygen Reactions in Rechargeable Liâ^'O2 Batteries. ChemElectroChem, 2018, 5, 5-5.	3.4	1
124	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn⁴⁺â€Activated Narrow Band Fluoride Phosphors. Angewandte Chemie, 2018, 130, 1815-1819.	2.0	9
125	Single 808 nm Laser Treatment Comprising Photothermal and Photodynamic Therapies by Using Gold Nanorods Hybrid Upconversion Particles. Journal of Physical Chemistry C, 2018, 122, 2402-2412.	3.1	74
126	Highly Efficient Photoelectrochemical Hydrogen Generation Reaction Using Tungsten Phosphosulfide Nanosheets. ACS Applied Materials & Interfaces, 2018, 10, 17280-17286.	8.0	19

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127	Thermal stabilization and energy transfer in narrow-band red-emitting Sr[(Mg₂Al₂)_{1â^'y}(Li₂Si₂)_yN₄]:Eu²⁺ Journal of Materials Chemistry C, 2018, 6, 5975-5983.	6.8	7
128	Thermal quenching of Ce3+luminescence in the cuspidine-type oxide nitride compounds Y4Si2â^'xAlxO7+xN2â^'x. Journal of Luminescence, 2018, 193, 125-132.	3.1	7
129	Critical Reviewâ€"Narrow-Band Emission of Nitride Phosphors for Light-Emitting Diodes: Perspectives and Opportunities. ECS Journal of Solid State Science and Technology, 2018, 7, R3111-R3133.	1.8	62
130	Cobalt Diselenide Nanorods Grafted on Graphitic Carbon Nitride: A Synergistic Catalyst for Oxygen Reactions in Rechargeable Liâ^'O₂ Batteries. ChemElectroChem, 2018, 5, 29-35.	3.4	20
131	Perovskite Quantum Dots and Their Application in Lightâ€Emitting Diodes. Small, 2018, 14, 1702433.	10.0	238
132	Single platinum atoms immobilized on an MXene as an efficient catalyst for the hydrogen evolution reaction. Nature Catalysis, 2018, 1, 985-992.	34.4	1,236
133	Biogenic Reduction of Graphene Oxide: An Efficient Superparamagnetic Material for Photocatalytic Hydrogen Production. ACS Applied Energy Materials, 2018, 1, 5907-5918.	5.1	23
134	Ameliorating Interfacial Ionic Transportation in All-Solid-State Li-Ion Batteries with Interlayer Modifications. ACS Energy Letters, 2018, 3, 2775-2795.	17.4	66
135	Vertically-aligned graphene nanowalls grown via plasma-enhanced chemical vapor deposition as a binder-free cathode in Liâ€"O₂ batteries. Nanotechnology, 2018, 29, 505401.	2.6	8
136	Unraveling the effect of salt chemistry on long-durability high-phosphorus-concentration anode for potassium ion batteries. Nano Energy, 2018, 53, 967-974.	16.0	151
137	Super Broadband Near-Infrared Phosphors with High Radiant Flux as Future Light Sources for Spectroscopy Applications. ACS Energy Letters, 2018, 3, 2679-2684.	17.4	286
138	Amorphous Phosphorus-Doped Cobalt Sulfide Modified on Silicon Pyramids for Efficient Solar Water Reduction. ACS Applied Materials & Interfaces, 2018, 10, 37142-37149.	8.0	27
139	Continuous Synthesis of Highly Stable Cs₄PbBr₆ Perovskite Microcrystals by a Microfluidic System and Their Application in White-Light-Emitting Diodes. Inorganic Chemistry, 2018, 57, 13071-13074.	4.0	49
140	Control of Narrow-Band Emission in Phosphor Materials for Application in Light-Emitting Diodes. ACS Energy Letters, 2018, 3, 2573-2586.	17.4	118
141	In-Situ Transmission X-Ray Microscopy Probed by Synchrotron Radiation for Li-Ion Batteries. Frontiers in Energy Research, 2018, 6, .	2.3	4
142	All-Solid-State Li-Ion Battery Using Li_{1.5}Al_{0.5}Ge_{1.5}(PO₄)₃ As Electrolyte Without Polymer Interfacial Adhesion. Journal of Physical Chemistry C, 2018, 122, 14383-14389.	3.1	50
143	Pâ€121: Successive and Scalable Synthesis of Highly Stable Cs₄PbBr₆ Perovskite Microcrystal by Microfluidic System and Their Application in Backlight Display. Digest of Technical Papers SID International Symposium, 2018, 49, 1664-1666.	0.3	1
144	CdSe/ZnS QD@CNT nanocomposite photocathode for improvement on charge overpotential in photoelectrochemical Li-O2 batteries. Chemical Engineering Journal, 2018, 349, 235-240.	12.7	38

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145	Tunable Nonthermal Distribution of Hot Electrons in a Semiconductor Injected from a Plasmonic Gold Nanostructure. ACS Nano, 2018, 12, 7117-7126.	14.6	65
146	Disentangling Red Emission and Compensatory Defects in Sr[LiAl₃N₄]:Ce³⁺ Phosphor. Chemistry of Materials, 2018, 30, 4493-4497.	6.7	26
147	Pressure-controlled synthesis of high-performance SrLiAl₃N₄:Eu²⁺ narrow-band red phosphors. Journal of Materials Chemistry C, 2018, 6, 10174-10178.	5.5	25
148	Impact of Lanthanide Nanomaterials on Photonic Devices and Smart Applications. Small, 2018, 14, e1801882.	10.0	128
149	In Operando Transmission X-ray Microscopy Illuminated by Synchrotron Radiation for Li-Ion Batteries. ACS Energy Letters, 2018, 3, 1911-1928.	17.4	11
150	Ultrafast Self-Crystallization of High-External-Quantum-Efficient Fluoride Phosphors for Warm White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 17508-17511.	8.0	43
151	Integrated Surface Modification to Enhance the Luminescence Properties of K₂TiF₆:Mn⁴⁺ Phosphor and Its Application in White-Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2018, 10, 29233-29237.	8.0	74
152	High Color Rendering Index of Rb₂GeF₆:Mn⁴⁺ for Light-Emitting Diodes. Chemistry of Materials, 2017, 29, 935-939.	6.7	172
153	Effects of Defects on Photocatalytic Activity of Hydrogen-Treated Titanium Oxide Nanobelts. ACS Catalysis, 2017, 7, 1742-1748.	11.2	173
154	Cadmiumâ€Free InP/ZnSeS/ZnS Heterostructureâ€Based Quantum Dot Lightâ€Emitting Diodes with a ZnMgO Electron Transport Layer and a Brightness of Over 10 000 cd m^{â^'2}. Small, 2017, 13, 1603962.	10.0	124
155	A heteroelectrode structure for solar water splitting: integrated cobalt ditelluride across a TiO₂-passivated silicon microwire array. Catalysis Science and Technology, 2017, 7, 1488-1496.	4.1	24
156	Phosphors for White LEDs. , 2017, , 181-222.		4
157	Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Nearâ€Infrared Light. Small, 2017, 13, 1700038.	10.0	94
158	Nanosized-Fe 3 PtN supported on nitrogen-doped carbon as electro-catalyst for oxygen reduction reaction. International Journal of Hydrogen Energy, 2017, 42, 15761-15769.	7.1	2
159	Photodynamic Therapy: Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Nearâ€Infrared Light (Small 21/2017). Small, 2017, 13, .	10.0	0
160	Aluminate Red Phosphor in Light-Emitting Diodes: Theoretical Calculations, Charge Varieties, and High-Pressure Luminescence Analysis. ACS Applied Materials & Interfaces, 2017, 9, 23995-24004.	8.0	49
161	Capacity Enhancement of the Quenched Li-Ni-Mn-Co Oxide High-voltage Li-ion Battery Positive Electrode. Electrochimica Acta, 2017, 236, 10-17.	5.2	15
162	Silicon microwire arrays decorated with amorphous heterometal-doped molybdenum sulfide for water photoelectrolysis. Nano Energy, 2017, 32, 422-432.	16.0	58

#	Article	IF	Citations
163	Advanced sensing, imaging, and therapy nanoplatforms based on Nd³⁺-doped nanoparticle composites exhibiting upconversion induced by 808 nm near-infrared light. Nanoscale, 2017, 9, 18153-18168.	5.6	37
164	Recent Advancements in Li-Ion Conductors for All-Solid-State Li-Ion Batteries. ACS Energy Letters, 2017, 2, 2734-2751.	17.4	226
165	Highâ€Performance CsPb_{1â^'x}Sn_xBr₃ Perovskite Quantum Dots for Lightâ€Emitting Diodes. Angewandte Chemie, 2017, 129, 13838-13842.	2.0	41
166	Highâ€Performance CsPb_{1â^'x}Sn_xBr₃ Perovskite Quantum Dots for Lightâ€Emitting Diodes. Angewandte Chemie - International Edition, 2017, 56, 13650-13654.	13.8	133
167	Controlling of Structural Ordering and Rigidity of Î²-SiAlON:Eu through Chemical Cosubstitution to Approach Narrow-Band-Emission for Light-Emitting Diodes Application. Chemistry of Materials, 2017, 29, 6781-6792.	6.7	57
168	Enhanced Photoluminescence Emission and Thermal Stability from Introduced Cation Disorder in Phosphors. Journal of the American Chemical Society, 2017, 139, 11766-11770.	13.7	190
169	Silicon Anode Design for Lithium-Ion Batteries: Progress and Perspectives. Journal of Physical Chemistry C, 2017, 121, 27775-27787.	3.1	169
170	Temperature effect on the emission spectra of narrow band Mn⁴⁺phosphors for application in LEDs. Physical Chemistry Chemical Physics, 2017, 19, 32505-32513.	2.8	33
171	Voltammetric Enhancement of Li-Ion Conduction in Al-Doped Li_{7â€“x}La₃Zr₂O₁₂ Solid Electrolyte. Journal of Physical Chemistry C, 2017, 121, 15565-15573.	3.1	71
172	Characteristics and Properties of A(I,II)M(IV)F6 Fluoride Phosphors. , 2017, , 371-398.		0
173	Introduction to the Basic Properties of Luminescent Materials. , 2017, , 1-29.		1
174	(Invited) Photoelectrochemical Hydrogen Evolution Using Heterostructure of Si with Binary Cobalt Sulï¬Đe or Ternary Cobalt Phosphosulï¬Đe. ECS Meeting Abstracts, 2017, , .	0.0	0
175	(Invited) Narrow Band Emission of Nitrides Phosphors and All Inorganic Perovskite Quantum Dots for the Application in Light Emitting Diodes. ECS Meeting Abstracts, 2017, , .	0.0	0
176	Mesoporous Silica Particles Integrated with Allâ€Inorganic CsPbBr₃ Perovskite Quantumâ€Đot Nanocomposites (MPâ€PQDs) with High Stability and Wide Color Gamut Used for Backlight Display. Angewandte Chemie - International Edition, 2016, 55, 7924-7929.	13.8	730
177	Mesoporous Silica Particles Integrated with Allâ€Inorganic CsPbBr₃ Perovskite Quantumâ€Đot Nanocomposites (MPâ€PQDs) with High Stability and Wide Color Gamut Used for Backlight Display. Angewandte Chemie, 2016, 128, 8056-8061.	2.0	81
178	Ca1â^'xLixAl1â^'xSi1+xN3:Eu2+ solid solutions as broadband, color-tunable and thermally robust red phosphors for superior color rendition white light-emitting diodes. Light: Science and Applications, 2016, 5, e16155-e16155.	16.6	186
179	Evaluation of the intracellular uptake and cytotoxicity effect of TiO₂nanostructures for various human oral and lung cells under dark conditions. Toxicology Research, 2016, 5, 303-311.	2.1	14
180	Narrow Red Emission Band Fluoride Phosphor KNaSiF₆:Mn⁴⁺ for Warm White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 11194-11203.	8.0	228

#	Article	IF	Citations
181	UV/VUV switch-driven color-reversal effect for Tb-activated phosphors. Light: Science and Applications, 2016, 5, e16066-e16066.	16.6	57
182	Near-Infrared Light-Mediated Photodynamic Therapy Nanoplatform by the Electrostatic Assembly of Upconversion Nanoparticles with Graphitic Carbon Nitride Quantum Dots. Inorganic Chemistry, 2016, 55, 10267-10277.	4.0	69
183	Green Light-Excitable Ce-Doped Nitridomagnesoaluminate Sr[Mg₂Al₂N₄] Phosphor for White Light-Emitting Diodes. Chemistry of Materials, 2016, 28, 6822-6825.	6.7	138
184	Inorganic red perovskite quantum dot integrated blue chip: a promising candidate for high color-rendering in w-LEDs. RSC Advances, 2016, 6, 79410-79414.	3.6	26
185	CoSe₂ Embedded in C₃N₄: An Efficient Photocathode for Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2016, 8, 26690-26696.	8.0	48
186	Improvement of the Water Resistance of a Narrowâ€Band Redâ€Emitting SrLiAl₃N₄:Eu²⁺ Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. Angewandte Chemie - International Edition, 2016, 55, 9652-9656.	13.8	63
187	Improvement of the Water Resistance of a Narrowâ€Band Redâ€Emitting SrLiAl₃N₄:Eu²⁺ Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. Angewandte Chemie, 2016, 128, 9804-9808.	2.0	13
188	Facile Atmospheric Pressure Synthesis of High Thermal Stability and Narrow-Band Red-Emitting SrLiAl₃N₄:Eu²⁺ Phosphor for High Color Rendering Index White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 19612-19617.	8.0	120
189	Frontispiece: Mesoporous Silica Particles Integrated with Allâ€Inorganic CsPbBr₃ Perovskite Quantumâ€Dot Nanocomposites (MPâ€PQDs) with High Stability and Wide Color Gamut Used for Backlight Display. Angewandte Chemie - International Edition, 2016, 55, .	13.8	1
190	Synergistic-Effect-Controlled CoTe₂/Carbon Nanotube Hybrid Material for Efficient Water Oxidation. Journal of Physical Chemistry C, 2016, 120, 28093-28099.	3.1	39
191	Plasmon-Enhanced Photodynamic Cancer Therapy by Upconversion Nanoparticles Conjugated with Au Nanorods. ACS Applied Materials & Interfaces, 2016, 8, 32108-32119.	8.0	86
192	The substitution of the platinum counter electrode in a plasmonic photoelectrochemical system with near-infrared absorption for solar water splitting. RSC Advances, 2016, 6, 103160-103168.	3.6	5
193	Structural phase transitions and photoluminescence properties of oxonitridosilicate phosphors under high hydrostatic pressure. Scientific Reports, 2016, 6, 34010.	3.3	13
194	Narrow-band red-emitting Mn⁴⁺-doped hexafluoride phosphors: synthesis, optoelectronic properties, and applications in white light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 10759-10775.	5.5	138
195	Robust and Stable Narrow-Band Green Emitter: An Option for Advanced Wide-Color-Gamut Backlight Display. Chemistry of Materials, 2016, 28, 8493-8497.	6.7	164
196	Enhance Color Rendering Index via Full Spectrum Employing the Important Key of Cyan Phosphor. ACS Applied Materials & Interfaces, 2016, 8, 30677-30682.	8.0	85
197	Syntheses and properties of several metastable and stable hydrides derived from intermetallic compounds under high hydrogen pressure. Applied Surface Science, 2016, 388, 723-730.	6.1	3
198	The Origin of Capacity Fade in the Li₂MnO₃·LiMO₂ (M) Tj ETQq0 0 0 rgBT /Overlo Transmission X-ray Microscopy Study. Journal of the American Chemical Society, 2016, 138, 8824-8833.	13.7	96

#	Article	IF	Citations
199	MMP2-sensing up-conversion nanoparticle for fluorescence biosensing in head and neck cancer cells. Biosensors and Bioelectronics, 2016, 80, 131-139.	10.1	42
200	Critical Red Components for Next-Generation White LEDs. Journal of Physical Chemistry Letters, 2016, 7, 495-503.	4.6	401
201	Formation, crystal growth and colour appearance of Mimetic Tianmu glaze. Ceramics International, 2016, 42, 7506-7513.	4.8	6
202	Wide Range pH-Tolerable Silicon@Pyrite Cobalt Dichalcogenide Microwire Array Photoelectrodes for Solar Hydrogen Evolution. ACS Applied Materials & Interfaces, 2016, 8, 5400-5407.	8.0	22
203	Phosphors for White LEDs. , 2016, , 1-42.		0
204	Pressure effect on the zero-phonon line emission of Mn4+ in K2SiF6. Journal of Chemical Physics, 2015, 143, 134704.	3.0	29
205	Formation of Sr₂Si₅N₈:Eu²⁺ and Its Transformation to SrSi₆N₈:Eu²⁺ ControlledÂby Temperature and Gas Pressure. Journal of the American Ceramic Society, 2015, 98, 2662-2669.	3.8	4
206	Waterproof Alkyl Phosphate Coated Fluoride Phosphors for Optoelectronic Materials. Angewandte Chemie - International Edition, 2015, 54, 10862-10866.	13.8	160
207	High specific capacity retention of graphene/silicon nanosized sandwich structure fabricated by continuous electron beam evaporation as anode for lithium-ion batteries. Electrochimica Acta, 2015, 165, 166-172.	5.2	34
208	Ternary Spinel MCo₂O₄ (M = Mn, Fe, Ni, and Zn) Porous Nanorods as Bifunctional Cathode Materials for Lithiumâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2015, 7, 12038-12046.	8.0	186
209	A low-temperature co-precipitation approach to synthesize fluoride phosphors K₂MF₆:Mn⁴⁺(M = Ge, Si) for white LED applications. Journal of Materials Chemistry C, 2015, 3, 1655-1660.	5.5	182
210	A rare earth-free GaZnON phosphor prepared by combustion for white light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 1473-1479.	5.5	12
211	Evaluations of the Chemical Stability and Cytotoxicity of CuInS₂ and CuInS₂/ZnS Core/Shell Quantum Dots. Journal of Physical Chemistry C, 2015, 119, 2852-2860.	3.1	77
212	Pressure dependence of the Sr2Si5N8:Eu2+ luminescence. Journal of Luminescence, 2015, 159, 183-187.	3.1	7
213	Structural Ordering and Charge Variation Induced by Cation Substitution in (Sr,Ca)AlSiN₃:Eu Phosphor. Journal of the American Chemical Society, 2015, 137, 8936-8939.	13.7	198
214	Preparation of a novel red Rb₂SiF₆:Mn⁴⁺phosphor with high thermal stability through a simple one-step approach. Journal of Materials Chemistry C, 2015, 3, 7277-7280.	5.5	98
215	Heterostructure of Si and CoSe₂: A Promising Photocathode Based on a Nonâ€noble Metal Catalyst for Photoelectrochemical Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 6211-6216.	13.8	134
216	Single-phased white-light-emitting Ca₄(PO₄)₂O:Ce³⁺,Eu²⁺ phosphors based on energy transfer. Dalton Transactions, 2015, 44, 11399-11407.	3.3	75

#	Article	IF	Citations
217	Photoluminescent Evolution Induced by Structural Transformation Through Thermal Treating in the Red Narrow-Band Phosphor K₂GeF₆:Mn⁴⁺. ACS Applied Materials & Interfaces, 2015, 7, 10656-10659.	8.0	133
218	The CoTe₂nanostructure: an efficient and robust catalyst for hydrogen evolution. Chemical Communications, 2015, 51, 17012-17015.	4.1	54
219	An integrated cobalt disulfide (CoS₂) co-catalyst passivation layer on silicon microwires for photoelectrochemical hydrogen evolution. Journal of Materials Chemistry A, 2015, 3, 23466-23476.	10.3	68
220	Plasmon-induced hyperthermia: hybrid upconversion NaYF₄:Yb/Er and gold nanomaterials for oral cancer photothermal therapy. Journal of Materials Chemistry B, 2015, 3, 8293-8302.	5.8	65
221	Structure, Luminescence, and Application of a Robust Carbidonitride Blue Phosphor (Al_{1â€“x}Si_xC_xN_{1â€“x}:Eu²⁺) for Near UV-LED Driven Solid State Lighting. Chemistry of Materials, 2015, 27, 8457-8466.	6.7	75
222	Agâ€“Si artificial microflowers for plasmon-enhanced solar water splitting. Chemical Communications, 2015, 51, 549-552.	4.1	33
223	Thermal effects in (oxy)nitride phosphors. Journal of Solid State Lighting, 2014, 1, .	2.3	23
224	Using binary resistors to achieve multilevel resistive switching in multilayer NiO/Pt nanowire arrays. NPG Asia Materials, 2014, 6, e85-e85.	7.9	35
225	Quantum-Dot-Sensitized Nitrogen-Doped ZnO for Efficient Photoelectrochemical Water Splitting. European Journal of Inorganic Chemistry, 2014, 2014, 773-779.	2.0	31
226	High-Performance Lithium-Ion Battery and Symmetric Supercapacitors Based on FeCo₂O₄ Nanoflakes Electrodes. ACS Applied Materials & Interfaces, 2014, 6, 22701-22708.	8.0	230
227	Advances in Carbonâ€incorporated Nonâ€Noble Transition Metal Catalysts for Oxygen Reduction Reaction in Polymer Electrolyte Fuel Cells. Journal of the Chinese Chemical Society, 2014, 61, 93-100.	1.4	15
228	Enhancement of UV absorption and near-infrared emission of Er3+ in Li2SrSiO4:Ce3+, Er3+ for Ge solar spectral convertor. Optical Materials, 2014, 36, 1871-1873.	3.6	9
229	Efficient energy storage capabilities promoted by hierarchical MnCo2O4 nanowire-based architectures. RSC Advances, 2014, 4, 17230.	3.6	60
230	Chemical Pressure Control for Photoluminescence of MSiAl₂O₃N₂:Ce³⁺/Eu²⁺ (M = Sr, Ba) Oxynitride Phosphors. Chemistry of Materials, 2014, 26, 2075-2085.	6.7	91
231	Photoluminescence Tuning via Cation Substitution in Oxonitridosilicate Phosphors: DFT Calculations, Different Site Occupations, and Luminescence Mechanisms. Chemistry of Materials, 2014, 26, 2991-3001.	6.7	244
232	Equation of state for Eu-doped SrSi2O2N2. Journal of Chemical Physics, 2014, 141, 014705.	3.0	8
233	Synthesis of Na₂SiF₆:Mn⁴⁺ red phosphors for white LED applications by co-precipitation. Journal of Materials Chemistry C, 2014, 2, 10268-10272.	5.5	187
234	Domination of Second-Sphere Shrinkage Effect To Improve Photoluminescence of Red Nitride Phosphors. Inorganic Chemistry, 2014, 53, 12822-12831.	4.0	23

#	Article	IF	Citations
235	Spectroscopic properties and energy level location of Eu2+ in Sr2Si5N8 phosphor. Optical Materials, 2014, 37, 734-739.	3.6	13
236	Emission-Tunable CuInS₂/ZnS Quantum Dots: Structure, Optical Properties, and Application in White Light-Emitting Diodes with High Color Rendering Index. ACS Applied Materials & Interfaces, 2014, 6, 15379-15387.	8.0	222
237	Crystal and local structure refinement in Ca₂Al₃O₆F explored by X-ray diffraction and Raman spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 5952-5957.	2.8	41
238	Highly efficient non-rare-earth red emitting phosphor for warm white light-emitting diodes. Nature Communications, 2014, 5, 4312.	12.8	1,069
239	All-In-One Light-Tunable Borated Phosphors with Chemical and Luminescence Dynamical Control Resolution. ACS Applied Materials & Interfaces, 2014, 6, 9160-9172.	8.0	32
240	Plasmonic Photocatalyst for Photodegradation with Spinning Optical Disk Reactor. , 2014, , .		0
241	Plasmon-enhanced near-infrared-active materials in photoelectrochemical water splitting. Chemical Communications, 2013, 49, 7917.	4.1	61
242	Influence of pyrolysis temperature on oxygen reduction reaction activity of carbon-incorporating iron nitride/nitrogen-doped graphene nanosheets catalyst. International Journal of Hydrogen Energy, 2013, 38, 3956-3962.	7.1	32
243	Chitosan-Modified Stable Colloidal Gold Nanostars for the Photothermolysis of Cancer Cells. Journal of Physical Chemistry C, 2013, 117, 2396-2410.	3.1	36
244	Facile dental resin composites with tunable fluorescence by tailoring Cd-free quantum dots. RSC Advances, 2013, 3, 16639.	3.6	3
245	Neighboring-Cation Substitution Tuning of Photoluminescence by Remote-Controlled Activator in Phosphor Lattice. Journal of the American Chemical Society, 2013, 135, 12504-12507.	13.7	191
246	Melilite-type blue chromophores based on Mn3+ in a trigonal-bipyramidal coordination induced by interstitial oxygen. Journal of Materials Chemistry C, 2013, 1, 5843.	5.5	24
247	Flower-like ZnCo2O4 nanowires: toward a high-performance anode material for Li-ion batteries. RSC Advances, 2013, 3, 20143.	3.6	82
248	Hydrogen Generation: Plasmonic ZnO/Ag Embedded Structures as Collecting Layers for Photogenerating Electrons in Solar Hydrogen Generation Photoelectrodes (Small 17/2013). Small, 2013, 9, 2830-2830.	10.0	0
249	Mesoporous ZnCo2O4 nanoflakes with bifunctional electrocatalytic activities toward efficiencies of rechargeable lithiumâ€“oxygen batteries in aprotic media. Nanoscale, 2013, 5, 12115.	5.6	100
250	Single-phased white-light-emitting KCaGd(PO4)2:Eu2+,Tb3+,Mn2+ phosphors for LED applications. RSC Advances, 2013, 3, 9023.	3.6	73
251	Electrochemical reduction of high-efficiency ozone generation through nitrogen-doped diamond-like carbon electrodes. RSC Advances, 2013, 3, 5917.	3.6	11
252	Spiralâ€Type Heteropolyhedral Coordination Network Based on Singleâ€Crystal LiSrPO₄: Implications for Luminescent Materials. Chemistry - A European Journal, 2013, 19, 15358-15365.	3.3	14

#	Article	IF	Citations
253	Targeting polymeric fluorescent nanodiamond-gold/silver multi-functional nanoparticles as a light-transforming hyperthermia reagent for cancer cells. Nanoscale, 2013, 5, 3931.	5.6	53
254	Nanoâ€“bio effects: interaction of nanomaterials with cells. Nanoscale, 2013, 5, 3547.	5.6	223
255	Rutile-type (Ti,Sn)O2 nanorods as efficient anode materials toward its lithium storage capabilities. Nanoscale, 2013, 5, 2254.	5.6	16
256	Plasmonic ZnO/Ag Embedded Structures as Collecting Layers for Photogenerating Electrons in Solar Hydrogen Generation Photoelectrodes. Small, 2013, 9, 2926-2936.	10.0	76
257	Cd-ZnGeON solid solution: the effect of local electronic environment on the photocatalytic water cleavage ability. Journal of Materials Chemistry A, 2013, 1, 7422.	10.3	9
258	Plasmonic photocatalysis. Reports on Progress in Physics, 2013, 76, 046401.	20.1	1,140
259	Luminescence Spectra of Î²-SiAlON/Pr3+ Under High Hydrostatic Pressure. Journal of Physical Chemistry C, 2013, 117, 13181-13186.	3.1	20
260	Near-Infrared Quantum Cutting Platform in Thermally Stable Phosphate Phosphors for Solar Cells. Inorganic Chemistry, 2013, 52, 7352-7357.	4.0	47
261	New Pr3+ site in Î²-SiAlON red phosphor. Optical Materials, 2013, 35, 2001-2005.	3.6	11
262	NIR-assisted orchid virus therapy using urchin bimetallic nanomaterials in phalaenopsis. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2013, 4, 045006.	1.5	4
263	Plasmonic zinc oxide/silver photoelectrode for green hydrogen production. SPIE Newsroom, 2013, , .	0.1	0
264	Enhancing the Color Rendering Index for Phosphorâ€converted White LEDs Using Cadmiumâ€Free CuInS2/ZnS QDs. Journal of the Chinese Chemical Society, 2013, 60, 801-806.	1.4	8
265	ZnO nanorod optical disk photocatalytic reactor for photodegradation of methyl orange. Optics Express, 2013, 21, 7240.	3.4	40
266	Nanosegregation and Neighborâ€Cation Control of Photoluminescence in Carbidonitridosilicate Phosphors. Angewandte Chemie - International Edition, 2013, 52, 8102-8106.	13.8	44
267	Hydrides Formed in ZrCo2 â€“ Based Intermetallic Compounds Under High Hydrogen Pressure / Wodorki Wytwarzane Pod Wysokimi Cisnieniami Wodoru Ze ZwiazkÃ³w Miedzymetalicznych Na Osnowie ZrCo2. Archives of Metallurgy and Materials, 2013, 58, 223-226.	0.6	2
268	Appropriate green phosphor of SrSi_2O_2N_2:Eu^2+,Mn^2+ for AC LEDs. Optics Express, 2012, 20, 18031.	3.4	42
269	Improvement of resistive switching in NiO-based nanowires by inserting Pt layers. Applied Physics Letters, 2012, 101, .	3.3	26
270	Origin of Thermal Degradation of Sr_{2â€“x}Si₅N₈:Eu_x Phosphors in Air for Light-Emitting Diodes. Journal of the American Chemical Society, 2012, 134, 14108-14117.	13.7	278

#	Article	IF	Citations
271	Controlling The Activator Site To Tune Europium Valence in Oxyfluoride Phosphors. Chemistry of Materials, 2012, 24, 2220-2227.	6.7	164
272	Fast Fabrication of a Ag Nanostructure Substrate Using the Femtosecond Laser for Broad-Band and Tunable Plasmonic Enhancement. ACS Nano, 2012, 6, 5190-5197.	14.6	67
273	A Special Issue for the Electrical Energy Storage and Conversionâ€¦. Journal of the Chinese Chemical Society, 2012, 59, 1159-1162.	1.4	0
274	A Study on the Luminescence and Energy Transfer of Single-Phase and Color-Tunable KCaY(PO₄)₂:Eu²⁺,Mn²⁺ Phosphor for Application in White-Light LEDs. Inorganic Chemistry, 2012, 51, 9636-9641.	4.0	260
275	Tunable Blue-Green Color Emission and Energy Transfer of Ca₂Al₃O₆F:Ce³⁺,Tb³⁺ Phosphors for Near-UV White LEDs. Journal of Physical Chemistry C, 2012, 116, 15604-15609.	3.1	445
276	Blue Emission by Interstitial Site Occupation of Ce³⁺ in AlN. Chemistry of Materials, 2012, 24, 3486-3492.	6.7	57
277	Zeolitic imidazolate framework [Zn2(IM)4Â·(DMF)] for UV-white light-emitting diodes. Dalton Transactions, 2012, 41, 11885.	3.3	11
278	Plasmon Inducing Effects for Enhanced Photoelectrochemical Water Splitting: X-ray Absorption Approach to Electronic Structures. ACS Nano, 2012, 6, 7362-7372.	14.6	307
279	Xâ€ray Absorption Spectroscopy Approaches to Electronic State and Coordination Type of Lithium Phosphorus Oxynitride Thin Films. Journal of the Chinese Chemical Society, 2012, 59, 1270-1274.	1.4	0
280	Introduction to Energy Storage Subâ€program of National Science and Technology Programâ€Energy in Taiwan. Journal of the Chinese Chemical Society, 2012, 59, 1173-1180.	1.4	0
281	Sulfonation of graphene nanosheet-supported platinum via a simple thermal-treatment toward its oxygen reduction activity in acid medium. International Journal of Hydrogen Energy, 2012, 37, 14205-14210.	7.1	22
282	A new green phosphor of SrAl2O4:Eu2+,Ce3+,Li+ for alternating current driven light-emitting diodes. Materials Research Bulletin, 2012, 47, 4071-4075.	5.2	51
283	Ca2Al3O6F:Eu2+: a green-emitting oxyfluoride phosphor for white light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 15183.	6.7	267
284	The Effect of Surface Coating on Energy Migration-Mediated Upconversion. Journal of the American Chemical Society, 2012, 134, 20849-20857.	13.7	405
285	Seedless, silver-induced synthesis of star-shaped gold/silver bimetallic nanoparticles as high efficiency photothermal therapy reagent. Journal of Materials Chemistry, 2012, 22, 2244-2253.	6.7	205
286	Luminescence and density functional theory (DFT) calculation of undoped nitridosilicate phosphors for light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 5828.	6.7	17
287	The temperatureâ€sensitive luminescence of (Y,Gd)VO₄:Bi³⁺,Eu³⁺ and its application for stealth antiâ€counterfeiting. Physica Status Solidi - Rapid Research Letters, 2012, 6, 321-323.	2.4	16
288	Cation-Size-Mismatch Tuning of Photoluminescence in Oxynitride Phosphors. Journal of the American Chemical Society, 2012, 134, 8022-8025.	13.7	207

#	Article	IF	Citations
289	Nano-architecture and material designs for water splitting photoelectrodes. Chemical Society Reviews, 2012, 41, 5654.	38.1	483
290	Magnetically recyclable Fe@Co core-shell catalysts for dehydrogenation of sodium borohydride in fuel cells. International Journal of Hydrogen Energy, 2012, 37, 3338-3343.	7.1	36
291	The triggering of apoptosis in macrophages by pristine graphene through the MAPK and TGF-beta signaling pathways. Biomaterials, 2012, 33, 402-411.	11.4	444
292	Improvement of emission efficiency and color rendering of high-power LED by controlling size of phosphor particles and utilization of different phosphors. Microelectronics Reliability, 2012, 52, 900-904.	1.7	37
293	(Ba,Sr)Y2Si2Al2O2N5â€‰:â€‰Eu2+: a novel near-ultraviolet converting green phosphor for white light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 3740.	6.7	100
294	Modulating cell-uptake behavior of Au-based nanomaterials via quantitative biomolecule modification. Journal of Materials Chemistry, 2011, 21, 14821.	6.7	8
295	An alternative cobalt oxide-supported platinum catalyst for efficient hydrolysis of sodium borohydride. Journal of Materials Chemistry, 2011, 21, 11754.	6.7	43
296	Mechanism of light emission and electronic properties of a Eu3+-doped Bi2SrTa2O9 system determined by coupled X-ray absorption and emission spectroscopy. Journal of Materials Chemistry, 2011, 21, 17119.	6.7	17
297	Combinatorial chemistry approach to searching phosphors for white light-emitting diodes in (Gd-Y-Bi-Eu)VO4 quaternary system. Journal of Materials Chemistry, 2011, 21, 3677.	6.7	73
298	Nitrogen-doped graphene nanosheet-supported non-precious iron nitride nanoparticles as an efficient electrocatalyst for oxygen reduction. RSC Advances, 2011, 1, 1349.	3.6	91
299	Photocatalytic CdSe QDs-decorated ZnO nanotubes: an effective photoelectrode for splitting water. Chemical Communications, 2011, 47, 3493.	4.1	90
300	Advances in Phosphors for Light-emitting Diodes. Journal of Physical Chemistry Letters, 2011, 2, 1268-1277.	4.6	1,099
301	Highly Stable Red Oxynitride Î²-SiAlON:Pr³⁺ Phosphor for Light-Emitting Diodes. Chemistry of Materials, 2011, 23, 3698-3705.	6.7	171
302	Ni@NiO Coreâ€“Shell Structure-Modified Nitrogen-Doped InTaO₄ for Solar-Driven Highly Efficient CO₂ Reduction to Methanol. Journal of Physical Chemistry C, 2011, 115, 10180-10186.	3.1	165
303	Architecture of Metallic Nanostructures: Synthesis Strategy and Specific Applications. Journal of Physical Chemistry C, 2011, 115, 3513-3527.	3.1	156
304	Eu^2+-activated silicon-oxynitride Ca_3Si_2O_4N_2: a green-emitting phosphor for white LEDs. Optics Express, 2011, 19, A331.	3.4	115
305	Electrodeposition of nano-dimensioned FeSe. Thin Solid Films, 2011, 519, 8397-8400.	1.8	23
306	A novel CO-tolerant PtRu coreâ€“shell structured electrocatalyst with Ru rich in core and Pt rich in shell for hydrogen oxidation reaction and its implication in proton exchange membrane fuel cell. Journal of Power Sources, 2011, 196, 9117-9123.	7.8	44

#	Article	IF	Citations
307	Carbon incorporated FeN/C electrocatalyst for oxygen reduction enhancement in direct methanol fuel cells: X-ray absorption approach to local structures. Electrochimica Acta, 2011, 56, 8734-8738.	5.2	25
308	Diodeâ€Like Iâ€“V Characteristics of a Nonplanar Polyaromatic Compound: a Spectroscopic Study of Isolated and Stacked Dibenzo[g,p]chrysene. Chemistry - an Asian Journal, 2011, 6, 1181-1187.	3.3	10
309	Multi-Bandgap-Sensitized ZnO Nanorod Photoelectrode Arrays for Water Splitting: An X-ray Absorption Spectroscopy Approach for the Electronic Evolution under Solar Illumination. Journal of Physical Chemistry C, 2011, 115, 21971-21980.	3.1	67
310	A New Approach to Solar Hydrogen Production: a ZnOâ€“ZnS Solid Solution Nanowire Array Photoanode. Advanced Energy Materials, 2011, 1, 742-747.	19.5	86
311	An intelligent approach to the discovery of luminescent materials using a combinatorial approach combined with Taguchi methodology. Luminescence, 2011, 26, 229-238.	2.9	18
312	ZrNi5-based hydrogenated phases formed under high hydrogen pressure conditions. Applied Surface Science, 2011, 257, 8237-8240.	6.1	5
313	Structural, electronic and magnetic properties of YFeMnH5. International Journal of Hydrogen Energy, 2011, 36, 1046-1052.	7.1	3
314	Calorimetric properties of C14 and C15 YMn2 and YMn2(H,D)6. International Journal of Hydrogen Energy, 2011, 36, 2285-2290.	7.1	2
315	Functional electroless gold Ohmic contacts in light emitting diodes. Applied Physics Letters, 2011, 99, 063511.	3.3	4
316	Temperature Dependent Emission of Strontium-Barium Orthosilicate (Sr_{2â^'x}Ba_x)SiO₄:Eu₂₊ Phosphors for High-Power White Light-Emitting Diodes. Journal of the Electrochemical Society, 2011, 158, P118-P121.	2.9	50
317	Biocompatible transferrin-conjugated sodium hexametaphosphate-stabilized gold nanoparticles: synthesis, characterization, cytotoxicity and cellular uptake. Nanotechnology, 2011, 22, 395706.	2.6	29
318	Preparation and Characterization of Ni or Co/Cu Multilayer Nanowires. Journal of the Chinese Chemical Society, 2010, 57, 888-891.	1.4	4
319	Biocompatibility of Fe₃O₄nanoparticles evaluated byin vitrocytotoxicity assays using normal, glia and breast cancer cells. Nanotechnology, 2010, 21, 075102.	2.6	230
320	Structure, composition, morphology, photoluminescence and cathodoluminescence properties of ZnGeN2 and ZnGeN2:Mn2+ for field emission displays. Acta Materialia, 2010, 58, 6728-6735.	7.9	70
321	Quantum Dot Monolayer Sensitized ZnO Nanowireâ€Array Photoelectrodes: True Efficiency for Water Splitting. Angewandte Chemie - International Edition, 2010, 49, 5966-5969.	13.8	254
322	Hydrides of Laves phases intermetallic compounds synthesized under high hydrogen pressure. Solid State Ionics, 2010, 181, 306-310.	2.7	22
323	Isovalent and aliovalent substitution effects on redox chemistry of Sr2MgMoO6â^'Î´ SOFC-anode material. Solid State Ionics, 2010, 181, 754-759.	2.7	54
324	Array of CdSe QD-Sensitized ZnO Nanorods Serves as Photoanode for Water Splitting. Journal of the Electrochemical Society, 2010, 157, B1430.	2.9	41

#	Article	IF	Citations
325	Improving Optical Properties of White LED Fabricated by a Blue LED Chip with Yellow/Red Phosphors. Journal of the Electrochemical Society, 2010, 157, H900.	2.9	84
326	Energy Transfer and Significant Improvement Moist Stability of BaMgAl[sub 10]O[sub 17]:Eu[sup 2+],Mn[sup 2+] as a Phosphor for White Light-Emitting Diodes. Journal of the Electrochemical Society, 2010, 157, J307.	2.9	33
327	O-K and Co-L XANES Study on Oxygen Intercalation in Perovskite SrCoO_{3-Î´}. Chemistry of Materials, 2010, 22, 70-76.	6.7	102
328	Effects of additional Ce3+ doping on the luminescence of Li2SrSiO4:Eu2+ yellow phosphor. Applied Physics Letters, 2010, 96, .	3.3	65
329	ZnB_2O_4:Bi^3+,Eu^3+:a highly efficient, red-emitting phosphor. Optics Express, 2010, 18, 2946.	3.4	82
330	Study of electrochemical properties of coating ZrO2 on LiCoO2. Journal of Alloys and Compounds, 2010, 496, 512-516.	5.5	85
331	Versatile Phosphate Phosphors ABPO₄ in White Light-Emitting Diodes: Collocated Characteristic Analysis and Theoretical Calculations. Journal of the American Chemical Society, 2010, 132, 3020-3028.	13.7	324
332	Electronic Structures, Hole-Doping, and Superconductivity of the s = 1, 2, 3, and 4 Members of the (Cu,Mo)-12s2 Homologous Series of Superconductive Copper Oxides. Journal of the American Chemical Society, 2010, 132, 838-841.	13.7	18
333	Light Converting Inorganic Phosphors for White Light-Emitting Diodes. Materials, 2010, 3, 2172-2195.	2.9	480
334	Combinatorial Approach to the Development of a Single Mass YVO₄:Bi³⁺,Eu³⁺ Phosphor with Red and Green Dual Colors for High Color Rendering White Light-Emitting Diodes. ACS Combinatorial Science, 2010, 12, 587-594.	3.3	140
335	Strong orbital polarization in orthorhombic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>DyMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>: A combined x-ray linear dichroism andab initioelectronic structure study. Physical Review B, 2010, 81, .	3.2	20
336	Improvement efficiency of a dye-sensitized solar cell using Eu3+ modified TiO2 nanoparticles as a secondary layer electrode. Journal of Materials Chemistry, 2010, 20, 6505.	6.7	37
337	Effect of LiI Amount to Enhance the Electrochemical Performance of Carbon-Coated LiFePO[sub 4]. Electrochemical and Solid-State Letters, 2009, 12, A111.	2.2	10
338	Photoluminescent and Thermal Stable Properties of Tb[sup 3+]-Doped Ca-Î±-SiAlON under VUV Excitation. Journal of the Electrochemical Society, 2009, 156, J189.	2.9	21
339	Crystal structure and electronic and thermal properties of TbFeAsO0.85. Applied Physics Letters, 2009, 94, 192507.	3.3	9
340	Intense X-ray induced formation of silver nanoparticles stabilized byÂbiocompatible polymers. Applied Physics A: Materials Science and Processing, 2009, 97, 295-300.	2.3	17
341	Particle Size Effect on the Packaging Performance of YAG:Ce Phosphors in White LEDs. International Journal of Applied Ceramic Technology, 2009, 6, 465-469.	2.1	65
342	Neutron polarization analysis on the multiferroic TbMn2O5. Physica B: Condensed Matter, 2009, 404, 2517-2519.	2.7	3

#	Article	IF	Citations
343	KBaPO4:Ln (Ln=Eu, Tb, Sm) phosphors for UV excitable white light-emitting diodes. Journal of Luminescence, 2009, 129, 1682-1684.	3.1	107
344	Comparative XANES study on the two electron-doped high-Tc superconductor systems, (Sr,La)CuO2 and (Nd,Ce)2CuO4. Journal of Solid State Chemistry, 2009, 182, 1217-1221.	2.9	4
345	An oleic acid-capped CdSe quantum-dot sensitized solar cell. Applied Physics Letters, 2009, 94, .	3.3	126
346	Biosensing, Cytotoxicity, and Cellular Uptake Studies of Surface-Modified Gold Nanorods. Journal of Physical Chemistry C, 2009, 113, 7574-7578.	3.1	126
347	Formation of Hydrides in (Ti_{1â^'x}Zr_x)Co_{2.00} (0 <) Tj ETQq1 1 0.784314 rgBT /O	4.0	4
348	Synthesis, electrochemical properties, and characterization of LiFePO4/C composite by a two-source method. Journal of Alloys and Compounds, 2009, 487, 58-63.	5.5	33
349	Versatile phosphors BaY_2Si_3O_10:RE (RE = Ce^3+, Tb^3+, Eu^3+) for light-emitting diodes. Optics Express, 2009, 17, 18103.	3.4	70
350	Bonding anisotropy in multiferroic TbMnO3 probed by polarization dependent x-ray absorption spectroscopy. Applied Physics Letters, 2009, 94, .	3.3	16
351	Pdâ^'Câ^'Fe Nanoparticles Investigated by X-ray Absorption Spectroscopy as Electrocatalysts for Oxygen Reduction. Chemistry of Materials, 2009, 21, 4030-4036.	6.7	33
352	Ferromagnetic CoPt₃ Nanowires: Structural Evolution from fcc to Ordered L1₂. Journal of the American Chemical Society, 2009, 131, 15794-15801.	13.7	38
353	Significant Improved Luminescence Intensity of Eu[sup 2+]-Doped Ca[sub 3]SiO[sub 4]Cl[sub 2] Green Phosphor for White LEDs Synthesized Through Two-Stage Method. Journal of the Electrochemical Society, 2009, 156, G29.	2.9	66
354	A Versatile Route to the Controlled Synthesis of Gold Nanostructures. Crystal Growth and Design, 2009, 9, 2079-2087.	3.0	63
355	High pressure photoluminescence of Ce3+-doped (Y1.725Tb0.575Ce0.05Gd0.65)Al5O12. Optical Materials, 2008, 30, 722-724.	3.6	6
356	Band overlap via chemical pressure control in double perovskite (Sr2â^'xCax)FeMoO6 (0â©½xâ©½2.0) with TMR effect. Current Applied Physics, 2008, 8, 110-113.	2.4	12
357	Systematic CuL2,3-edge and OK-edge XANES spectroscopy study on the infinite-layer superconductor system, (Sr,La)CuO2. Solid State Communications, 2008, 147, 370-373.	1.9	9
358	Investigation of the Growth Mechanism of Iron Oxide Nanoparticles via a Seed-Mediated Method and Its Cytotoxicity Studies. Journal of Physical Chemistry C, 2008, 112, 15684-15690.	3.1	47
359	Synthesis, Crystal Structure, and Luminescence Properties of a Novel Green-Yellow Emitting Phosphor LiZn_{1â^'x}PO₄:Mn_x for Light Emitting Diodes. Chemistry of Materials, 2008, 20, 1215-1217.	6.7	165
360	Full-Color and Thermally Stable KSrPO[sub 4]:Ln (Ln=Eu,â€,Tb,â€,Sm) Phosphors for White-Light-Emitting Diodes. Journal of the Electrochemical Society, 2008, 155, J248.	2.9	103

#	Article	IF	Citations
361	Optimizing the size and surface properties of polyethylene glycol (PEG)â€“gold nanoparticles by intense x-ray irradiation. Journal Physics D: Applied Physics, 2008, 41, 195301.	2.8	58
362	Quantitative XANES Spectroscopy Study on the Prototype Hole- and Electron-Doped High-T_c Superconductor Systems, (La,Sr)₂CuO₄ and (Nd,Ce)₂CuO₄. Chemistry of Materials, 2008, 20, 5414-5420.	6.7	8
363	Structural Transformation of LiVOPO₄ to Li₃V₂(PO₄)₃ with Enhanced Capacity. Journal of Physical Chemistry B, 2008, 112, 11250-11257.	2.6	28
364	Combinatorial Search for Green and Blue Phosphors of High Thermal Stabilities under UV Excitation Based on the K(Sr1â^'xâ^'y)PO4:Tb3+xEu2+y System. ACS Combinatorial Science, 2008, 10, 847-850.	3.3	21
365	Investigation on Mechanism of Catalysis by Ptâ^'LiCoO₂ for Hydrolysis of Sodium Borohydride Using X-ray Absorption. Journal of Physical Chemistry B, 2008, 112, 4870-4875.	2.6	27
366	Hollow Platinum Spheres with Nano-Channels: Synthesis and Enhanced Catalysis for Oxygen Reduction. Journal of Physical Chemistry C, 2008, 112, 7522-7526.	3.1	220
367	A Simplified Synthetic Experiment of YBa2Cu3O7â€“x Superconductor for First-Year Chemistry Laboratory. Journal of Chemical Education, 2008, 85, 825.	2.3	2
368	Effect of Co₂P on Electrochemical Performance of Li(Mn_{0.35}Co_{0.2}Fe_{0.45})PO₄/C. Journal of Physical Chemistry B, 2008, 112, 8017-8023.	2.6	19
369	Direct White Light Phosphor Based on Metallorganic Coordination Extended Networks for UV-Light-Emitting Diodes. Journal of the Electrochemical Society, 2008, 155, P71.	2.9	13
370	Vacuum Ultraviolet Excitable Mn[sup 2+]-Doped LiZnPO[sub 4] Phosphors for PDP Applications. Journal of the Electrochemical Society, 2008, 155, J284.	2.9	14
371	Effects of oxygen deficiency on the magnetic ordering of Mn in Tb0.9Na0.1MnO2.9. Journal of Physics Condensed Matter, 2008, 20, 104234.	1.8	3
372	Near-ultraviolet excitable orange-yellow Sr3(Al2O5)Cl2:Eu2+ phosphor for potential application in light-emitting diodes. Applied Physics Letters, 2008, 93, .	3.3	103
373	Structural, electronic and magnetic properties of ErFeMn and ErFeMnH4.7compounds. New Journal of Physics, 2007, 9, 271-271.	2.9	5
374	Enhanced luminescence of SrSi2O2N2:Eu2+ phosphors by codoping with Ce3+, Mn2+, and Dy3+ ions. Applied Physics Letters, 2007, 91, 061119.	3.3	95
375	Large positive magnetoresistance effect below Curie temperature in In1.90â^'xMn0.1SnxO3. Journal of Applied Physics, 2007, 101, 09H121.	2.5	3
376	Resonant x-ray emission spectroscopy of multiferroic TbMnO3. Applied Physics Letters, 2007, 91, .	3.3	12
377	Thermally stable luminescence of KSrPO4:Eu2+ phosphor for white light UV light-emitting diodes. Applied Physics Letters, 2007, 90, 151108.	3.3	313
378	Highly stable three-band white light from an InGaN-based blue light-emitting diode chip precoated with (oxy)nitride green/red phosphors. Applied Physics Letters, 2007, 90, 123503.	3.3	105

#	Article	IF	Citations
379	Luminescent Properties and Structure Investigation of Y[sub 3]Al[sub 5]O[sub 12]âˆ•Ce Phosphors with Si Addition. Journal of the Electrochemical Society, 2007, 154, P16.	2.9	20
380	In Situ and Ex Situ Monitoring of Oxygen Absorption in YBaCo4O7+Î´. Chemistry Letters, 2007, 36, 1368-1369.	1.3	29
381	Plasmonic optical properties of a single gold nano-rod. Optics Express, 2007, 15, 7132.	3.4	63
382	Magnetocaloric effect and magnetic properties of Tb0.9Sn0.1MnO3. Journal of Applied Physics, 2007, 101, 103904.	2.5	28
383	Synthesis and Characterization of Multi-Pod-Shaped Gold/Silver Nanostructures. Journal of Physical Chemistry C, 2007, 111, 5909-5914.	3.1	71
384	Combinatorial Study of the Optimization of Y2O3:Bi,Eu Red Phosphors. ACS Combinatorial Science, 2007, 9, 343-346.	3.3	65
385	Control of hole distribution through isovalent R-cation substitution in Cu2Ba2RCu2O8 superconductors. Applied Physics Letters, 2007, 90, 032511.	3.3	0
386	Chemical Size Effect on the Magnetic and Electrical Properties in the (Tb1-xEux)MnO3(0 â‰¤xâ‰¤ 1.0) System. Journal of Physical Chemistry B, 2007, 111, 2262-2267.	2.6	26
387	Controlling Length of Gold Nanowires with Large-Scale:â€‰ X-ray Absorption Spectroscopy Approaches to the Growth Process. Journal of Physical Chemistry C, 2007, 111, 18550-18557.	3.1	43
388	Controlling Optical Properties of Aluminum Oxide Using Electrochemical Deposition. Journal of the Electrochemical Society, 2007, 154, K11.	2.9	39
389	Influence of Oxygen Defects on the Crystal Structure and Magnetic Properties of the (Tb1-xNax)MnO3-y(0 â‰¤xâ‰¤ 0.3) System. Inorganic Chemistry, 2007, 46, 4575-4582.	4.0	4
390	Charge compensation and oxidation in NaxCoO2â^Î´ and LixCoO2â^Î´ studied by XANES. Journal of Solid State Chemistry, 2007, 180, 1608-1615.	2.9	12
391	Neutron diffraction study of multiferroic Tb0.85Na0.15MnO3â^'y. Journal of Magnetism and Magnetic Materials, 2007, 310, 1151-1153.	2.3	2
392	The effect of terbium concentration on the luminescent properties of yttrium oxysulfide phosphor for FED application. Journal of Luminescence, 2007, 122-123, 574-576.	3.1	20
393	Chemical substitution effects of Tb3+ in YAG:Ce phosphors and enhancement of their emission intensity using flux combination. Journal of Luminescence, 2007, 122-123, 580-582.	3.1	38
394	energy transfer in (,) doped with. Radiation Measurements, 2007, 42, 755-758.	1.4	15
395	Synthesis and characterization of long gold nanorods. IEEJ Transactions on Electrical and Electronic Engineering, 2007, 2, 468-472.	1.4	2
396	Magnetic ordering of Mn and Ru in (La0.52Ba0.48) (Mn0.51Ru0.49)O3. Physica Status Solidi (B): Basic Research, 2007, 244, 2233-2241.	1.5	4

#	Article	IF	Citations
397	Synthesis and Characterization of LiFePO[sub 4] and LiTi[sub 0.01]Fe[sub 0.99]PO[sub 4] Cathode Materials. Journal of the Electrochemical Society, 2006, 153, A25.	2.9	99
398	Chemical Control of Hole Distribution and Superconductivity in (Cu,Mo)Sr2(Ce,R)sCu2O5+2s+Î´ (s = 2,) Tj ETQq0 0 0 rgBT /Overlock 10	6.7	1
399	Fabrication of Nanorattles with Passive Shell. Journal of Physical Chemistry B, 2006, 110, 19162-19167.	2.6	38
400	energy transfer in Ce3+-doped Y3â^'xTbxGd0.65Al5O12. Journal of Physics Condensed Matter, 2006, 18, 10531-10543.	1.8	14
401	Characterisation of olivine-type LiMnxFe1â^'xPO4 cathode materials. Journal of Alloys and Compounds, 2006, 425, 362-366.	5.5	45
402	Morphology and Surface Plasma Changes of Auâ€“Pt Bimetallic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2006, 6, 1411-1415.	0.9	5
403	Controlling Length and Monitoring Growth of Gold Nanorods. Journal of the Chinese Chemical Society, 2006, 53, 1343-1348.	1.4	3
404	Synthesis of Ag nanospheres particles in ethylene glycol by electrochemical-assisted polyol process. Chemical Physics Letters, 2006, 420, 304-308.	2.6	75
405	Local structural characterization of Au/Pt bimetallic nanoparticles. Chemical Physics Letters, 2006, 420, 484-488.	2.6	25
406	Characterization of coreâ€“shell type and alloy Ag/Au bimetallic clusters by using extended X-ray absorption fine structure spectroscopy. Chemical Physics Letters, 2006, 421, 118-123.	2.6	99
407	Local structural characterization of gold nanowires using extended X-ray absorption fine structure spectroscopy. Chemical Physics Letters, 2006, 428, 93-97.	2.6	1
408	Crystalline and magnetic structures of Sr2FeMoO6 double perovskites. Physica B: Condensed Matter, 2006, 385-386, 418-420.	2.7	15
409	Magnetic order and spin fluctuations in Ni-rich Li0.9Ni1.1O2. Physica B: Condensed Matter, 2006, 385-386, 432-434.	2.7	0
410	Preparation and properties of bio-compatible magnetic Fe3O4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 304, e415-e417.	2.3	39
411	Transformation of Co nanodisks to Co caterpillars. Journal of Magnetism and Magnetic Materials, 2006, 304, e19-e21.	2.3	4
412	Hole states of X-Bi2Sr2CaCu2O8 [X=I, HgI2, and (Py-CH3)2HgI4] probed by O K-edge X-ray absorption spectroscopy. Journal of Physics and Chemistry of Solids, 2006, 67, 223-226.	4.0	0
413	A study on LiFePO4 and its doped derivatives as cathode materials for lithium-ion batteries. Journal of Power Sources, 2006, 159, 282-286.	7.8	77
414	Electron-doping through LaIII-for-SrII substitution in (Sr1â^'xLax)2FeTaO6: Effects on the valences and ordering of the B-site cations, Fe and Ta. Journal of Solid State Chemistry, 2006, 179, 111-116.	2.9	11

#	Article	IF	Citations
415	Hole doping into Co-12s2 copper oxides with s fluorite-structured layers between CuO2 planes. Journal of Solid State Chemistry, 2006, 179, 632-645.	2.9	5
416	Diffusional mechanism of deintercalation in LiFe1â^'yMnyPO4 cathode material. Solid State Ionics, 2006, 177, 2617-2624.	2.7	106
417	MÃ¶ssbauer study on LiFePO4 cathode material for lithium ion batteries. Hyperfine Interactions, 2006, 167, 767-772.	0.5	15
418	Synthesis and magnetic properties of multilayer Ni/Cu and NiFe/Cu nanowires. Pramana - Journal of Physics, 2006, 67, 85-91.	1.8	6
419	Generating Isotropic Superparamagnetic Interconnectivity for the Two-Dimensional Organization of Nanostructured Building Blocks. Angewandte Chemie - International Edition, 2006, 45, 2713-2717.	13.8	50
420	High-resolution XANES study of Eu(Ba1â^'xRx)2Cu3O7+Î´ (R = Eu, Pr). New Journal of Physics, 2006, 8, 215-215.	2.9	3
421	Structural, thermal and magnetic properties of ErMn2D6synthesized under high deuterium pressure. Journal of Physics Condensed Matter, 2006, 18, 6409-6420.	1.8	12
422	Formation of nanostructured cobalt wires with Chinese caterpillar type structure. Journal of Vacuum Science & Technology B, 2006, 24, 1440.	1.3	0
423	Pb-for-Bi substitution for enhancing thermoelectric characteristics of [(Bi,Pb)2Ba2O4Â±Ï‰]0.5CoO2. Applied Physics Letters, 2006, 88, 232102.	3.3	20
424	Magnetic instability and oxygen deficiency in Na-dopedTbMnO3. Physical Review B, 2006, 74, .	3.2	24
425	Neutron diffraction study, magnetic properties and thermal stability of YMn2D6 synthesized under high deuterium pressure. Journal of Solid State Chemistry, 2005, 178, 356-362.	2.9	34
426	Hole doping and superconductivity characteristics of the s=1, 2 and 3 members of the (Cu,Mo)-12s2 homologous series of layered copper oxides. Journal of Solid State Chemistry, 2005, 178, 3464-3470.	2.9	11
427	Effects of Bâ€²-site transition metal on the properties of double perovskites Sr2FeMO6 (M=Mo, W): Bâ€² 4dâ€“5d system. Solid State Communications, 2005, 133, 265-270.	1.9	34
428	Electrochemical studies on mixtures of LiNi0.8Co0.17Al0.03O2 and LiCoO2 cathode materials for lithium ion batteries. Solid State Communications, 2005, 133, 687-690.	1.9	7
429	Eu substitution and particle size control of Y2O2S for the excitation by UV light emitting diodes. Solid State Communications, 2005, 136, 205-209.	1.9	86
430	Development of wavelet de-noising technique for PET images. Computerized Medical Imaging and Graphics, 2005, 29, 297-304.	5.8	41
431	Anode catalysts for enhanced methanol oxidation: An in situ XANES study of PtRu/C and PtMo/C catalysts. Chemical Physics Letters, 2005, 412, 444-448.	2.6	23
432	Structure and physical properties of double perovskite compounds Sr2FeMO6 (M=Mo, W). Materials Chemistry and Physics, 2005, 93, 314-319.	4.0	17

#	Article	IF	Citations
433	Co valence by K-edge X-ray absorption spectroscopy, magnetic properties, and structure of polycrystalline bulk Zn/sub 1-x/Co/sub x/O. IEEE Transactions on Magnetics, 2005, 41, 2727-2729.	2.1	1
434	Enhancement of ferromagnetic interactions in multiferric (Tb/sub 1-x/Na/sub x/)MnO/sub 3/ system. IEEE Transactions on Magnetics, 2005, 41, 2751-2753.	2.1	4
435	Oxygen nonstoichiometry and valence of copper in the Cu-1222 superconductor. Journal of Solid State Chemistry, 2005, 178, 1705-1711.	2.9	4
436	Orbital ordering and valence states in(La1+xCa1â^'x)CoRuO6double perovskites. Physical Review B, 2005, 72, .	3.2	7
437	Chemical control of high-Tcsuperconductivity of the triple-fluorite-layer copper oxide(Cu,Mo)Sr2(Ce,R)3Cu2O11+Î´(R=Y,Laâ€“Yb). Physical Review B, 2005, 72, .	3.2	7
438	Soft-x-ray absorption spectroscopy of heterostructured high-Tcsuperconducting nanohybrids:Xâ^'Bi2Sr2CaCu2O8[X=I,HgI2, and(Pyâ^'CH3)2HgI4]. Physical Review B, 2005, 71, .	3.2	5
439	Synthesis of Y[sub 2]O[sub 3]:Eu, Bi Red Phosphors by Homogeneous Coprecipitation and Their Photoluminescence Behaviors. Journal of the Electrochemical Society, 2005, 152, J93.	2.9	83
440	A Novel Anode Material LiVMoO[sub 6] for Rechargeable Lithium-Ion Batteries. Electrochemical and Solid-State Letters, 2005, 8, A650.	2.2	14
441	Investigation of the Luminescent Properties of Tb[sup 3+]-Substituted YAG:Ce, Gd Phosphors. Journal of the Electrochemical Society, 2005, 152, J41.	2.9	71
442	Controlling the Length and Shape of Gold Nanorods. Journal of Physical Chemistry B, 2005, 109, 19553-19555.	2.6	67
443	SYNTHESIS, STRUCTURAL AND MAGNETIC PROPERTIES OF DOUBLE PEROVSKITES Sr2CrWO6. International Journal of Modern Physics B, 2005, 19, 537-540.	2.0	4
444	Formation mechanism and Coulomb blockade effect in self-assembled gold quantum dots. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 60.	1.6	8
445	Synthesis and Characterization of Novel Au(core)-Au/Pt Alloy(shell) Nanostructure. Materials Research Society Symposia Proceedings, 2004, 818, 299.	0.1	1
446	Internal oxidation in Bi2.1 â€“ xPbxSr2 â€“ yCa1 â€“ zYy + zCu2O8 + d solid solutions. Mendeleev Communications, 2004, 14, 181-182.	1.6	0
447	Electrochemical and in situ XANES studies of a LiNi0.8Co0.17Al0.03O2 cathode material. Solid State Communications, 2004, 132, 273-277.	1.9	2
448	Investigation of Fe valence in LiFePO4 by MÃ¶ssbauer and XANES spectroscopic techniques. Solid State Communications, 2004, 132, 455-458.	1.9	55
449	Iron valence in double-perovskite (Ba,Sr,Ca)2FeMoO6: isovalent substitution effect. Journal of Solid State Chemistry, 2004, 177, 2655-2662.	2.9	39
450	Synthesis and Luminescent Properties of a New Yellowish-Orange Afterglow Phosphor Y2O2S:Ti,Mg.. ChemInform, 2004, 35, no.	0.0	0

#	Article	IF	Citations
451	The novel YMn2D6 deuteride synthesized under high pressure of gaseous deuterium. Solid State Communications, 2004, 130, 815-820.	1.9	30
452	Structural, electrical and magnetic characterization of the double perovskites Sr2CrMO6 (M=Mo, W): Bâ€² 4dâ€“5d system. Solid State Communications, 2004, 131, 531-535.	1.9	23
453	Short range magnetic corrections in spinel Li(Mn0.976Co0.024)2O4. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 833-834.	2.3	0
454	Fabrication and magnetic properties of nickel nanowires. Journal of Magnetism and Magnetic Materials, 2004, 282, 28-31.	2.3	39
455	Studies of microstructure and ruthenium valence in the ruthenocuprates Pb2RuSr2Cu2O8Cl and (Ru,) Tj ETQq1 1 0.784314 rgBT /Ov	2.9	10
456	Hole concentration in the three-CuO2-plane copper-oxide superconductor Cu-1223. Journal of Solid State Chemistry, 2004, 177, 1037-1043.	2.9	35
457	Effect of Sr-for-Ba isovalent substitution on the local structure, hole distribution and magnetic irreversibility of Cu(Ba,Sr)2YbCu2O6.95(2). Journal of Solid State Chemistry, 2004, 177, 1925-1932.	2.9	4
458	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 613-618.	1.4	0
459	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 1205-1210.	1.4	5
460	Oxygen Content and Valence of Ru in RuSr2(Gd0.75Ce0.25)2Cu2O10â^'Î´ (Ru-1222) Magnetosuperconductor. Journal of Low Temperature Physics, 2003, 131, 1211-1216.	1.4	17
461	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 381-386.	1.4	1
462	An investigation of smooth nano-sized copper seed layers on TiN and TaSiN by new non-toxic electroless plating. Solid State Communications, 2003, 125, 445-448.	1.9	9
463	XANES and wet-chemical analyses of the charge balance in (Hg,Pb)(Ba,Sr)2Ca2Cu3O8+z. Physica C: Superconductivity and Its Applications, 2003, 392-396, 93-98.	1.2	4
464	Charge transport mechanism in LiCoyMn2â^'yO4 cathode material. Solid State Ionics, 2003, 157, 101-108.	2.7	13
465	Oxygen non-stoichiometry in Ru-1212 and Ru-1222 magnetosuperconductors. Physica C: Superconductivity and Its Applications, 2003, 392-396, 87-92.	1.2	17
466	Chemical Tuning of Structure, Magnetization, and Conductivity in the Self-doped Double-Perovskite (Sr2-xCax)FeMoO6(0 â‰¤xâ‰¤ 2.0) System. Chemistry of Materials, 2003, 15, 425-432.	6.7	25
467	Layer-specific hole concentrations inBi2Sr2(Y1â^'xCax)Cu2O8+Î´as probed by XANES spectroscopy and coulometric redox analysis. Physical Review B, 2003, 67, .	3.2	32
468	Valence State of Iron in the Sr2Fe(Mo,W,Ta)O6.0Double-Perovskite System:Â an FeK-edge andL2,3-edge XANES Study. Chemistry of Materials, 2003, 15, 4118-4121.	6.7	32

#	Article	IF	Citations
469	Synthesis and Luminescent Properties of a New Yellowish-Orange Afterglow Phosphor Y2O2S:Ti,Mg. Chemistry of Materials, 2003, 15, 3966-3968.	6.7	127
470	Optical studies of lattice and charge excitations in La1.2(Sr1.8â^'xCax)Mn2O7. Journal of Applied Physics, 2003, 93, 6894-6896.	2.5	1
471	Hole doping in Pb-free and Pb-substituted(Bi,Pb)2Sr2Ca2Cu3O10+Î´superconductors. Physical Review B, 2003, 68, .	3.2	20
472	Synthesis and Characterization of Double Perovskites Sr2FeMO6 (M = Mo, W). International Journal of Modern Physics B, 2003, 17, 3500-3502.	2.0	1
473	Coulomb Blockade Effect in a Nano-Sized Gold Chain. International Journal of Modern Physics B, 2003, 17, 3637-3639.	2.0	2
474	Ru valence inRuSr2Gd2â^'xCexCu2O10+Î´as measured by x-ray-absorption near-edge spectroscopy. Physical Review B, 2002, 65, .	3.2	43
475	Local Structure and First Cycle Redox Mechanism of Layered Li[sub 1.2]Cr[sub 0.4]Mn[sub 0.4]O[sub 2] Cathode Material. Journal of the Electrochemical Society, 2002, 149, A431.	2.9	165
476	Synthesis and characterization of the colossal magnetoresistance manganite La1.2(Sr1.4Ca0.4)Mn2O7 by citrate gel. Materials Research Bulletin, 2002, 37, 235-246.	5.2	15
477	Ce K-edge EXAFS study of nanocrystalline CeO2. Materials Research Bulletin, 2002, 37, 555-562.	5.2	28
478	Chemical pressure control of Curie temperature in La0.6(Ba0.4â^'xCax)MnO3. Materials Chemistry and Physics, 2002, 75, 26-31.	4.0	8
479	Crystal structure and magnetic properties of the double perovskite (Sr2â^'xCax)FeMoO6 (0â©½xâ©½1.0). Journal of Magnetism and Magnetic Materials, 2002, 239, 164-166.	2.3	4
480	XANES Study on the Generation and Distribution of Holes via Ca Substitution and O Doping in Cu(Ba0.8Sr0.2)2(Yb1â^'xCax)Cu2O6+z. Journal of Solid State Chemistry, 2002, 166, 229-236.	2.9	15
481	`Maturization' of high-Tc precursor powders for use in superconducting tapes. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1167-1170.	1.2	0
482	Short-range magnetic correlations in spinel LiMn2O4. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 95, 162-170.	3.5	9
483	Chemical pressure controlled colossal magnetoresistance effects in La0.6(Sr0.4â^'xCax)MnO3. Solid State Sciences, 2001, 3, 1063-1072.	0.7	8
484	Determination of Ru valence from x-ray absorption near-edge structure inRuSr2GdCu2O8-type superconductors. Physical Review B, 2001, 63, .	3.2	97
485	Absence of phase transformation at low temperature in Co-doped LiMn2O4 samples. Dalton Transactions RSC, 2001, , 37-40.	2.3	14
486	Studies into the phase transformation of Bi-2223 precursor powders using X-ray diffraction and SQUID susceptibility measurements. IEEE Transactions on Applied Superconductivity, 2001, 11, 3182-3185.	1.7	6

#	Article	IF	Citations
487	Effect of Co doping in LiMn2O4. Journal of Power Sources, 2001, 102, 21-28.	7.8	44
488	Evidence for electron-doped (n-type) superconductivity in the infinite-layer (Sr0.9La0.1)CuO2 compound by X-ray absorption near-edge spectroscopy. Solid State Communications, 2001, 118, 367-370.	1.9	13
489	Superlattice structures in solid solution of high-Tc YBa2Cu3O7â^'Î´ and (Pb,Cu)Sr2(Ca,Y)Cu2O7â^'Î´ superconductors. Journal of Physics and Chemistry of Solids, 2001, 62, 1847-1859.	4.0	0
490	Effect of Pb doping in high-Tc Bi2Sr2CaCu2Oy superconductors studied by X-ray absorption near-edge structure spectroscopy. Physica C: Superconductivity and Its Applications, 2001, 364-365, 567-570.	1.2	6
491	Internal Chemical Pressure Effect and Magnetic Properties of La0.6(Sr0.4â^'xBax)MnO3. Journal of Solid State Chemistry, 2001, 156, 117-121.	2.9	10
492	Chemical control of colossal magnetoresistance in manganites. Materials Chemistry and Physics, 2001, 72, 281-285.	4.0	2
493	Phase stability study of La1.2Ca1.8Mn2O7. Materials Research Bulletin, 2001, 36, 1139-1148.	5.2	22
494	Crystal and electronic structures of inverse spinel-type LiNiVO4. Materials Research Bulletin, 2001, 36, 1479-1486.	5.2	29
495	A comparison of the properties of Bi-2223 precursor powders synthesized by various methods. Materials Research Bulletin, 2001, 36, 1653-1658.	5.2	18
496	The Study of Nanocrystalline Cerium Oxide by X-Ray Absorption Spectroscopy. Journal of Solid State Chemistry, 2000, 149, 408-413.	2.9	112
497	Strain effect on the thermoelectric power of YBa2â^'xSrxCu3O7. Physica C: Superconductivity and Its Applications, 2000, 336, 249-253.	1.2	8
498	Substitution effects in Bi2Sr2(Ca1â^'xYx)Cu2O8+Î´ studied by X-ray absorption spectroscopy. Physica C: Superconductivity and Its Applications, 2000, 341-348, 383-386.	1.2	2
499	New advanced magnetic La1.2(Sr1.8â^'xCax)Mn2O7 compounds with colossal magnetoresistance. Journal of Magnetism and Magnetic Materials, 2000, 209, 113-115.	2.3	3
500	Superlattice structures between YBa2Cu3O7â^'Î´ and (Pb,Cu)Sr2(Ca,Y)Cu2O7â^'Î´ high-Tc cuprates. Solid State Sciences, 2000, 2, 645-649.	0.7	2
501	Electronic and Local Structural Properties of the Bi2Sr2(Ca1-xYx)Cu2O8+Î´ Family of Materials, Studied by X-ray Absorption Spectroscopy. Chemistry of Materials, 2000, 12, 1115-1121.	6.7	17
502	Magnetic structure and spin reorientation of the Mn ions in NdMnO3. Journal of Applied Physics, 2000, 87, 5822-5824.	2.5	51
503	Dimensional and Chemical Control of Colossal Magnetoresistance in New Manganites. Japanese Journal of Applied Physics, 2000, 39, 473.	1.5	2
504	Cr doping in the La1.2Sr1.8Mn2O7system. Journal of Physics Condensed Matter, 1999, 11, 5187-5194.	1.8	22

#	Article	IF	Citations
505	XANES STUDY OF THE VALENCE OF Pb IN (Tl0.5Pb0.5)Sr2Ca1-xYxCu2O7-Î´. International Journal of Modern Physics B, 1999, 13, 3693-3696.	2.0	5
506	Hole states in fluorine-dopedLa2CuO4thin films probed by polarized x-ray-absorption spectroscopy. Physical Review B, 1999, 60, 6888-6892.	3.2	12
507	Magnetic order and spin reorientation in Nd0.45Ca0.55MnO3. Journal of Applied Physics, 1999, 85, 5588-5590.	2.5	7
508	Superconductivity suppression ofR(Ba1â^'zRz)2Cu3O7+Î´(R=Nd,Pr) probed by soft-x-ray absorption spectroscopy. Physical Review B, 1999, 59, 3855-3861.	3.2	11
509	Size effects in the NMR of SnO2 powders. Materials Research Bulletin, 1999, 34, 1513-1520.	5.2	41
510	Enhancement of critical Pr ion concentration (xcr) in (La1â^'xPrx)Ba2Cu3Oz. Journal of Applied Physics, 1999, 86, 6985-6992.	2.5	8
511	Chemical size effect on the magnetic and electrical properties of colossal magnetoresistance La1.2(Sr1.8â€...â^'â€...xCax)Mn2O7 materials. Journal of the Chemical Society Dalton Transactions, 1999, , 623-628.	1.1	6
512	Hole states in Eu0.9â€Šâ^'â€ŠxPrxCa0.1BaSrCu3O7â€Šâ^'â€ŠÎ´ studied by X-ray absorption spectroscopy. Journal of the Chemical Society Dalton Transactions, 1999, , 2065-2070.	1.1	1
513	The chemical control of colossal magnetoresistance (CMR) in the new two-dimensional La1.2(Sr1.8â^'xCax)Mn2O7 system. Solid State Sciences, 1999, 1, 61-65.	0.7	9
514	Structural, electrical and magnetic properties of two-dimensional La1.2(Sr1.8â^'xCax)Mn2O7 manganites. Journal of Applied Physics, 1999, 86, 2178-2184.	2.5	26
515	Soft X-ray absorption study of (Nd1.05â^'xPrx)Ba1.95Cu3O7 using synchrotron radiation. Chemical Physics Letters, 1998, 294, 209-216.	2.6	4
516	Title is missing!. Journal of Superconductivity and Novel Magnetism, 1998, 11, 53-57.	0.5	2
517	Chemical Control of Underdoped and Overdoped States in Y(Ba2 â^' y Sr y)Cu3O6 + Î´. Journal of Superconductivity and Novel Magnetism, 1998, 11, 563-567.	0.5	3
518	X-ray absorption near edge structure studies of colossal magnetoresistance ferromagnet (La1.4Sr1.6)Mn2O7. Solid State Communications, 1998, 105, 605-608.	1.9	14
519	Crystal and electronic structures of (Ba, Sr)TiO3. Materials Letters, 1998, 37, 285-289.	2.6	18
520	Hole states in (Cd0.5Pb0.5)Sr2(CaxY1â€...â^'â€...x)Cu2O7 studied by X-ray absorption spectroscopy. Journal of the Chemical Society Dalton Transactions, 1998, , 2569-2572.	1.1	1
521	Hole Distribution in Underdoped and Overdoped Y(Ba2-ySry)Cu3O6+Î´Compounds Studied by X-ray Absorption Spectroscopy. Inorganic Chemistry, 1998, 37, 5527-5531.	4.0	11
522	Pressure effects on the transport and magnetic properties ofLa1.4Sr1.6Mn2O7. Physical Review B, 1998, 58, 12224-12229.	3.2	27

#	Article	IF	Citations
523	The study of the hole distribution in high- 1212-type cuprates via x-ray absorption spectroscopy. Superconductor Science and Technology, 1998, 11, 1028-1031.	3.5	5
524	Structure and Magnetoresistance of Pr0.7(Sr0.3-yCay) MnO3. International Journal of Modern Physics B, 1998, 12, 1763-1771.	2.0	2
525	Tilted antiferromagnetic ordering of Mn in Nd0.62Ca0.38MnO3. Journal of Applied Physics, 1998, 83, 7345-7347.	2.5	3
526	Cu K-Edge Study of (Tl0.5Pb0.5)Sr2Ca1-xYxCu2O7-Î´. International Journal of Modern Physics B, 1998, 12, 3296-3298.	2.0	1
527	Pressure dependence of the superconducting critical temperature of theTl0.5Pb0.5Sr2Ca1â^'xYxCu2O7system. Physical Review B, 1997, 55, 11832-11838.	3.2	20
528	Origin of superconductivity suppression in (Dy1â^'xPrx)Ba2Cu3O7studied by soft-x-ray absorption spectroscopy. Physical Review B, 1997, 55, 14586-14591.	3.2	15
529	Soft-x-ray absorption spectroscopy ofNd1+xBa2â^'xCu3O7+Î´s(x=0â€“0.6). Physical Review B, 1997, 55, 3186-3191.	3.2	17
530	Crystal Structures and Peculiar Magnetic Properties of Î±- and Î³-Al2O3 Powders. Modern Physics Letters B, 1997, 11, 1169-1174.	1.9	33
531	Enhancement of Zero Resistance Temperature above 90 K and Hole Distribution in (Hg0.5Pb0.5)Sr2(Ca0.7Y0.3)Cu2O7-Î´ via Chemical Substitution of Ba into Sr Sites. Inorganic Chemistry, 1997, 36, 1378-1382.	4.0	3
532	Interaction between a cylindrical superconducting impurity and a vortex in a type-II superconductor. Physica C: Superconductivity and Its Applications, 1997, 275, 135-140.	1.2	2
533	The study of electronic structure in new Hg-based Sr-containing 1212-typed (Hg0.5Pb0.5)Sr2(Ca1â^'xYx)Cu2O7 superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 961-962.	1.2	0
534	Hole states in oxycarbonate high-Tc superconductor (Tl0.8Cr0.2)Sr4Cu2(CO3)O7 probed by soft X-ray absorption spectroscopy. Physica C: Superconductivity and Its Applications, 1997, 277, 145-151.	1.2	0
535	Hole distribution in the underdoped, optimally doped, and overdoped superconductors (Tl0.5Pb0.5)Sr2(Ca1â^'xYx)Cu2O7. Physica C: Superconductivity and Its Applications, 1997, 282-287, 981-982.	1.2	0
536	X-ray Absorption Studies in Spinel-Type LiMn2O4. Journal of Solid State Chemistry, 1997, 128, 326-329.	2.9	38
537	Charge transfer process in Tl2Ba2Ca2Cu3O10 and Tl2Ba2CaCu2O8 thin films probed by polarized X-ray absorption spectroscopy. Chemical Physics Letters, 1997, 276, 303-308.	2.6	2
538	Comparison of irreversibility lines of silver-sheathed Bi-2223, Tl-1223 and Tl-1234 superconducting tapes. Materials Chemistry and Physics, 1996, 43, 83-85.	4.0	1
539	The growth of large-area superconducting YBa2Cu3O7â^'x thin films by pulsed laser ablation. Materials Chemistry and Physics, 1996, 43, 66-69.	4.0	2
540	Erratum to â€œComparison of irreversibility lines of silver-sheathed Bi-2223, Tl-1223 and Tl-1234 superconducting tapesâ€•[Materials Chemistry and Physics 43 (1996) 83-85]. Materials Chemistry and Physics, 1996, 46, 103.	4.0	0

#	Article	IF	Citations
541	Determination of Mn Valence from X-Ray Absorption Near Edge Structure and Study of Magnetic Behavior in Hole-Doped (Nd1â^'xCax)MnO3System. Journal of Solid State Chemistry, 1996, 125, 112-115.	2.9	30
542	High-resolution X-ray absorption near edge structure studies of monophasic Tl2Ba2Ca2Cu3O10â^'Î´ (Tl-2223) superconductor. Solid State Communications, 1996, 99, 493-498.	1.9	20
543	Electronic structure in (Hg0.5Pb0.5)Sr2(Ca1â^'xYx)Cu2O7 compounds studied by soft X-ray absorption spectroscopy. Physica C: Superconductivity and Its Applications, 1996, 272, 180-186.	1.2	2
544	Pressure dependence of the superconducting critical temperature ofTl2Ba2Ca2Cu3O10+yandTl2Ba2Ca3Cu4O12+yup to 21 GPa. Physical Review B, 1996, 54, 10175-10185.	3.2	36
545	Hole distribution in (Tl0.5Pb0.5)Sr2(Ca1â^'xYx)Cu2O7studied by x-ray absorption spectroscopy. Physical Review B, 1996, 54, 12587-12593.	3.2	20
546	Further measurements on the Tl0.5Pb0.5Sr2(Ca1â^'yYy)Cu2O7â^'Î´ system Pb NMR and magnetic susceptibility. Physica C: Superconductivity and Its Applications, 1995, 244, 207-213.	1.2	5
547	Electron-spin-resonance studies of the hole-doping effect on (Tl0.5Pb0.5)Sr2(Ca1â^'xYx)Cu2O7high-Tcsuperconductors. Physical Review B, 1995, 52, 12883-12889.	3.2	3
548	Interfacial Study ofTl2Ba2Ca2Cu3O10Thin Films on Silver Foil. Japanese Journal of Applied Physics, 1994, 33, 3900-3901.	1.5	0
549	Crystal Structure and Superconductivity of the Mo-Stabilized Sr-Based YSr2Cu2.7Mo0.3O7-Î´ Compound. Journal of Solid State Chemistry, 1994, 112, 203-207.	2.9	11
550	Crystal structure of the (Pb, Hg)Sr2(Ca, Y)Cu2O7-Î´ superconductor. Physica C: Superconductivity and Its Applications, 1994, 222, 13-18.	1.2	28
551	63Cu NMR shift and relaxation behavior in Tl2Ba2Ca2Cu3O10â^'Î´ (Tc=125K). Physica C: Superconductivity and Its Applications, 1994, 226, 106-112.	1.2	19
552	Improvement of phase purity and accelerated formation of the Tl-1223 phase from the stoichiometric compositions (Tl0.6Pb0.2Bi0.2) (Sr2-xBax)Ca2Cu3O9 (x=0.2-0.3). Physica C: Superconductivity and Its Applications, 1994, 222, 278-282.	1.2	30
553	A study of the orientation dependence of the 63Cu nuclear magnetic resonance in the (Tl0.5Pb0.5)Sr2(Ca1â^'yYy)Cu2O7-Î´system. Physica C: Superconductivity and Its Applications, 1994, 220, 93-100.	1.2	3
554	Flux dynamics and critical currents of high Tc tapes. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3417-3418.	1.2	0
555	Crystal structure and superconductivity in the Hg-containing Ba- and Sr-based cuprates. Physica C: Superconductivity and Its Applications, 1994, 235-240, 897-898.	1.2	1
556	Charge distribution in (Tl,Pb)Sr2Ca2Cu3O9â^'Ïƒ (Tc=124K): an 17O NMR study. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1709-1710.	1.2	3
557	The Great Flexibility of the Rock Salt Layers in the Lead-Based 1212 High-Tc Superconductive Cuprates: The Oxides (Pb, A)Sr2(Ca, Ln)Cu2O7-Î´. Journal of Solid State Chemistry, 1993, 102, 31-39.	2.9	32
558	Superconductivity up to 90 K in a New Family of the (Pb,Hg)Sr2(Ca,Y)Cu2O7 System. Journal of Solid State Chemistry, 1993, 103, 280-286.	2.9	89

#	Article	IF	Citations
559	Superconductivity in Pb-based 1212 cuprates; evidence for under-doping from thermoelectric power. Solid State Communications, 1993, 87, 31-34.	1.9	0
560	Tc enhancement of the (Tl, Pb, Bi)Sr-Ca-Cu-O and Tl-Ba-Ca-Cu-O systems. Applied Superconductivity, 1993, 1, 527-534.	0.5	2
561	Superconductivity up to 32 K in a new family of the Hg-containing (Pb, Hg) (Sr, La)2CuO5â˜Î´ (1201) system. Physica C: Superconductivity and Its Applications, 1993, 216, 237-242.	1.2	34
562	A new 92 K high-Tc superconductor. Physica C: Superconductivity and Its Applications, 1993, 205, 206-211.	1.2	50
563	Synthesis of a 90 K Y2Ba4Cu7O15â˜x superconductor under ambient pressure by triethylammoniumoxalate co-precipitation. Physica C: Superconductivity and Its Applications, 1993, 215, 435-438.	1.2	4
564	Superconductivity at 133 K in Tl2Ba2Ca2Cu3O10+x under high pressure. Physica C: Superconductivity and Its Applications, 1993, 218, 24-28.	1.2	27
565	The chemical control of high-Tc superconductivity: Metal-superconductor-insulator transition in (Tl1â˜yPby)Sr2(Ca1â˜xYx)Cu2O7. Journal of Electronic Materials, 1993, 22, 1199-1203.	2.2	1
566	Correlations between bond lengths,Tc, and O vibration frequencies: Raman-scattering and infrared-absorption study of the 1:2:1:2 structure (Ca1â˜yYy)Sr2(Tl0.5Pb0.5)Cu2O7as a function of doping. Physical Review B, 1993, 47, 12104-12109.	3.2	15
567	Microstructure, thermoelectric power and magnetic irreversibility of coprecipitated YBa2Cu4O8 powders. Solid State Communications, 1992, 81, 767-770.	1.9	6
568	Synthesis, at ambient pressure, of the 80 K superconductor YBa2Cu4O8 by triethylammonium oxalate co-precipitation. Journal of the Chemical Society Chemical Communications, 1991, , 664.	2.0	3
569	The synthesis, by triethylammoniumoxalate coprecipitation, and superconducting properties of Y(Ba1â˜xSrx)2Cu4O8. Journal of Solid State Chemistry, 1991, 92, 247-252.	2.9	22
570	Determination of the concentrations of trace and doping elements in GaAs by neutron activation analysis. Journal of Radioanalytical and Nuclear Chemistry, 1990, 141, 317-326.	1.5	5
571	Local-magnetic-moment variation in pure and impure phases of Tl-Ca-Ba-Cu-O superconductors. Journal of Physics and Chemistry of Solids, 1990, 51, 65-71.	4.0	3
572	Superconductivity with Tc(zero) above 105 K in Tl-containing septenary oxides with Y1Ba2Cu3Oy-like structure. Physica C: Superconductivity and Its Applications, 1990, 165, 347-353.	1.2	51
573	First example of indium as a practical alternative to thallium in high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1990, 165, 111-114.	1.2	24
574	Superconductivity and the metal-semiconductor transition in the septenary oxide system, (Tl0.5Pb0.5)(Ca1â˜yYy)Sr2Cu2O7â˜Î´. Journal of Solid State Chemistry, 1990, 86, 334-339.	2.9	85
575	ESR Spectra and Low-Field Microwave Absorption in Bismuth and Thallium Based Cuprate Superconductors. Japanese Journal of Applied Physics, 1990, 29, L258-L261.	1.5	7
576	Equilibrium phase relations in the Biâ€“Caâ€“Srâ€“Cuâ€“O system at 850 and 900Â°C. Journal of Materials Research, 1990, 5, 1403-1408.	2.6	45

#	Article	IF	Citations
577	Superconductivity Above 100 K in Tl-Pb-Ca-R-Sr-Cu-O System. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 17-24.	0.3	1
578	Preparation and characterization of superconducting bismuth lead strontium calcium copper oxides[(Bi,Pb)2Sr2Ca2Cu3] oxides with Tc above 110 K by coprecipitation in triethylamine media. Inorganic Chemistry, 1990, 29, 3117-3119.	4.0	22
579	Coprecipitation process for the preparation of superconductive Bîî—¸Srî—¸Caî—¸Cu oxides. Materials Letters, 1990, 9, 105-108.	2.6	10
580	Resistive, magnetic, and structural studies of Tl0.5Pb0.5(Ca1â˜'xMx)Sr2Cu2Oycompounds withMequal to the natural mixture of rareâ€earth elements. Applied Physics Letters, 1989, 55, 2029-2031.	3.3	4
581	Bulk superconductivity withTc(zero) up to 95 K in a Tl0.5Pb0.5Ca0.9Ce0.1Sr2Cu2oxide with an Y1Ba2Cu3Oyâ€like structure. Applied Physics Letters, 1989, 54, 2464-2466.	3.3	13
582	Zero resistance up to 162 K in a multiphase Tl-Ca-Ba-Cu-O system. Physical Review B, 1989, 39, 2792-2795.	3.2	11
583	Synthesis of High-TcYBa2Cu3O7-xSuperconductors at a Low Annealing Temperature from a Glass Precursor. Japanese Journal of Applied Physics, 1989, 28, L41-L44.	1.5	5
584	Reversible Phase Transition of the Bi-Ca-Sr-Cu-O System between Semiconductivity and Superconductivity. Japanese Journal of Applied Physics, 1989, 28, L395-L398.	1.5	8
585	Synthesis and characterization for a new family of Tl-containing septenary oxides with Tc,zero above 105 K. Physica C: Superconductivity and Its Applications, 1989, 162-164, 869-870.	1.2	25
586	Characterization of Bi Pb Sb Ca Sr Cu O superconductor sintered in controlled atmosphere. Physica C: Superconductivity and Its Applications, 1989, 162-164, 911-912.	1.2	3
587	Absence of oxygen stoichiometry effects on Tc in a Tl-1122 superconductor. Physica C: Superconductivity and Its Applications, 1989, 161, 523-526.	1.2	18
588	A new series of (Tl 1â˜'y Bi y)(Ca 1â˜'x Y x)Sr 2 Cu 2 O z superconductors with â€œ1122â€•structure. Physica C: Superconductivity and Its Applications, 1989, 162-164, 39-40.	1.2	10
589	Formation of YBa 2 BiO 6 and its effect on the superconductivity in Bi replaced YBa 2 Cu 3 O y. Physica C: Superconductivity and Its Applications, 1989, 162-164, 71-72.	1.2	2
590	A sol-gel route to prepare Tl Ca Ba Cu O superconductor with Tc above 120 K. Physica C: Superconductivity and Its Applications, 1989, 162-164, 113-114.	1.2	9
591	Coexistence of paramagnetism and superconductivity in (Gd 0.2 Ca 0.8)Sr 2 (Tl 0.5 Pb 0.5)Cu 2 O y. Physica C: Superconductivity and Its Applications, 1989, 162-164, 323-324.	1.2	0
592	The fabrication and characterization of superconducting Tl-Pb-Ca-Pr-Sr-Cu-O compounds with Y1Ba2Cu3Oy-like structure and Tc (zero) up to 106 K. Physica C: Superconductivity and Its Applications, 1989, 159, 385-390.	1.2	27
593	Preparation of HIGH-Jc superconducting oxide in the Bi-Sr-Ca-Cu-O system by oxalate gel processing. Materials Letters, 1989, 8, 228-232.	2.6	24
594	Rapid calcination and post-annealing of the Bîî—¸Srî—¸Caî—¸Cuî—¸O High-Tc superconductor. Materials Letters, 1989, 8, 293-296.	2.6	0

#	Article	IF	Citations
595	Synthesis, transport, magnetization and structural characterizations of Tl-Ca-Ba-Cu-O specimens with T0=123 K and Tonset=155 K. Physica C: Superconductivity and Its Applications, 1988, 156, 109-112.	1.2	14
596	Epitaxial growth of high-Tc superconducting Tl-Ca-Ba-Cu-O films by liquid phase epataxial process. Physica C: Superconductivity and Its Applications, 1988, 156, 785-787.	1.2	10
597	Growth of high Tc-superconducting Y-Ba-Cu-O thin films by a chemical spray pyrolysis method. Physica C: Superconductivity and Its Applications, 1988, 153-155, 804-805.	1.2	1
598	Superconductivity of Y1Ba2â^'xSrxCu3Oy system. Physica C: Superconductivity and Its Applications, 1988, 153-155, 866-867.	1.2	11
599	Transport, magnetic and microstructural characteristics in the high-critical-temperature superconductor Bi-Ca-Sr-Cu-O. Physica C: Superconductivity and Its Applications, 1988, 152, 345-348.	1.2	5
600	Growth of Bi-Ca-Sr-Cu-O epitaxial layer by liquid phase epitaxial process. Physica C: Superconductivity and Its Applications, 1988, 156, 197-199.	1.2	5
601	A new high-Tc superconducting Tl-Pb-Ca-Sr-Cu-O system. Physica C: Superconductivity and Its Applications, 1988, 156, 791-794.	1.2	18
602	Structural characterization of a TlCaBaCu oxide inTconset=155 K andTczero=123 K superconducting specimens. Applied Physics Letters, 1988, 53, 1434-1436.	3.3	17
603	Epitaxial growth of high Tc superconducting Yâ€Baâ€Cuâ€O thin films on (001)MgO by a chemical spray pyrolysis method. Journal of Applied Physics, 1988, 64, 2523-2526.	2.5	22
604	Spectrophotometric and polarographic methods for the determination of silicon at ng/g levels in gallium arsenide. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1986, 325, 272-277.	0.8	8
605	Highly efficient urchin-like bimetallic nanoparticles for photothermal cancer therapy. SPIE Newsroom, 0, , .	0.1	4