

Mingmei Wu

List of Publications by Year in descending order

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162
papers

11,344
citations

24978

57
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30848

102
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166
all docs

166
docs citations

166
times ranked

10974
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic solvent-assisted co-precipitation synthesis of red-emitting $\text{K}_2\text{TiF}_6\text{:Mn}$ phosphors with improved quantum efficiency and optimized morphology. Dalton Transactions, 2022, 51, 1378-1383.	1.6	4
2	A novel Mn^{4+} -activated fluoride red phosphor $\text{Cs}_{30}\text{(Nb}_2\text{O}_2\text{F}_9)_9\text{(OH)}_3\text{H}_2\text{O:Mn}^{4+}$ with good waterproof stability for WLEDs. Journal of Materials Chemistry C, 2022, 10, 7049-7057.		
3	Dual-mode chromatic electrophoretic display: A prospective technology based on fluorescent electrophoretic particles. Chemical Engineering Journal, 2022, 439, 135726.	6.6	6
4	High moisture resistance of an efficient Mn^{4+} -activated red phosphor $\text{Cs}_2\text{NbOF}_5\text{:Mn}^{4+}$ for WLEDs. Chemical Engineering Journal, 2021, 405, 126678.	6.6	61
5	Single-Crystal Red Phosphors and Their Core-Shell Structure for Improved Water-Resistance for Laser Diodes Applications. Angewandte Chemie - International Edition, 2021, 60, 3940-3945.	7.2	46
6	Single-Crystal Red Phosphors and Their Core-Shell Structure for Improved Water-Resistance for Laser Diodes Applications. Angewandte Chemie, 2021, 133, 3986-3991.	1.6	14
7	Phase control of ultrafine FeSe nanocrystals in a N-doped carbon matrix for highly efficient and stable oxygen reduction reaction. Journal of Materials Chemistry A, 2021, 9, 3464-3471.	5.2	13
8	$\text{CaY}_2\text{Al}_4\text{SiO}_{12}\text{:Ce}^{3+}, \text{Mn}^{2+}$: a single component phosphor to produce high color rendering index WLEDs with a blue chip. Journal of Materials Chemistry C, 2021, 9, 11292-11298.	2.7	36
9	An Anode Material for Lithium Storage: Si@N,S-Doped Carbon Synthesized <i>via In Situ</i> Self-Polymerization. ACS Applied Energy Materials, 2021, 4, 3555-3562.	2.5	5
10	Single phase white LED phosphor $\text{Ca}_3\text{YAl}_3\text{B}_4\text{O}_{15}\text{:Ce}^{3+}, \text{Tb}^{3+}, \text{Sm}^{3+}$ with superior performance: Color-tunable and energy transfer study. Chemical Engineering Journal, 2021, 410, 128455.	6.6	80
11	Ultrathin [110]-Confined $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanoflakes for High Rate Lithium Storage. Advanced Energy Materials, 2021, 11, 2003270.	10.2	22
12	Lithium-Ion Batteries: Ultrathin [110]-Confined $\text{Li}_4\text{Ti}_5\text{O}_{12}$ Nanoflakes for High Rate Lithium Storage (Adv. Energy Mater. 22/2021). Advanced Energy Materials, 2021, 11, 2170084.	10.2	1
13	A facile self-passivation strategy for improving moisture-resistance of fluoride red phosphors without surface modification. Optical Materials, 2021, 117, 111184.	1.7	7
14	Stabilization of binder-free vanadium oxide-based oxygen electrodes using Pd clusters for Li-O_2 batteries. Chemical Communications, 2020, 56, 1823-1826.	2.2	16
15	Single-Crystal Red Phosphors: Enhanced Optical Efficiency and Improved Chemical Stability for WLEDs. Advanced Optical Materials, 2020, 8, 1901512.	3.6	36
16	Utilizing a Photocatalysis Process to Achieve a Cathode with Low Charging Overpotential and High Cycling Durability for a Li-O_2 Battery. Angewandte Chemie, 2020, 132, 21095-21099.	1.6	14
17	Utilizing a Photocatalysis Process to Achieve a Cathode with Low Charging Overpotential and High Cycling Durability for a Li-O_2 Battery. Angewandte Chemie - International Edition, 2020, 59, 20909-20913.	7.2	39
18	Amorphous NiWO_4 nanoparticles boosting the alkaline hydrogen evolution performance of Ni_3S_2 electrocatalysts. Applied Catalysis B: Environmental, 2020, 274, 119120.	10.8	99

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19	Improved thermal stability of luminescence by anion modification in Na ₂ Y(MoO ₄)(PO ₄):Tb ³⁺ ,Eu ³⁺ red-emitting phosphors. <i>Journal of Alloys and Compounds</i> , 2020, 837, 155438.	2.8	18
20	Free-standing Crystalline@Amorphous Core-shell Nanoarrays for Efficient Energy Storage. <i>Small</i> , 2020, 16, e2000040.	5.2	21
21	A novel multi-center activated single-component white light-emitting phosphor for deep UV chip-based high color-rendering WLEDs. <i>Chemical Engineering Journal</i> , 2020, 390, 124601.	6.6	116
22	Synthesis, structure and photoluminescence properties of a novel Rb ₂ NaAlF ₆ :Mn ⁴⁺ red phosphor for solid-state lighting. <i>Journal of Luminescence</i> , 2020, 226, 117491.	1.5	9
23	Effect of O ₂ adsorption on the termination of Li-ion O ₂ batteries discharge. <i>Electrochimica Acta</i> , 2020, 340, 135977.	2.6	4
24	Double sites occupancy of Mn ⁴⁺ in Cs ₂ NaAlF ₆ with enhanced photoluminescence for white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2020, 832, 154884.	2.8	21
25	Structural modulation induced intensity enhancement of full color spectra: a case of Ba ₃ ZnTa ₂ NbO ₉ :Eu ³⁺ phosphors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6715-6723.	2.7	15
26	Bright Green Emitting CaYAlO ₄ :Tb ³⁺ ,Ce ³⁺ Phosphor: Energy Transfer and 3D-Printing Artwork. <i>Advanced Optical Materials</i> , 2020, 8, 2000523.	3.6	26
27	Electronic and optical properties of a novel fluoroaluminate red phosphor Cs ₂ NaAl ₃ F ₁₂ :Mn ⁴⁺ with high color purity for white light-emitting diodes. <i>Dalton Transactions</i> , 2019, 48, 12459-12465.	1.6	29
28	Three-dimensional, hetero-structured, Cu ₃ P@C nanosheets with excellent cycling stability as Na-ion battery anode material. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16999-17007.	5.2	71
29	Oxygen-Cluster-Modified Anatase with Graphene Leads to Efficient and Recyclable Photo-Catalytic Conversion of CO ₂ to CH ₄ Supported by the Positron Annihilation Study. <i>Scientific Reports</i> , 2019, 9, 13103.	1.6	27
30	Na ₂ Tb _{0.5} (MoO ₄)(PO ₄):0.5Eu ³⁺ : A red-emitting phosphor with both high thermal stability and high colour purity. <i>Optical Materials</i> , 2019, 97, 109376.	1.7	12
31	Eu ³⁺ -Activated Sr ₃ ZnTa ₂ O ₉ single-component white light phosphors: emission intensity enhancement and color rendering improvement. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2596-2603.	2.7	63
32	N-, O- and P-doped hollow carbons: Metal-free bifunctional electrocatalysts for hydrogen evolution and oxygen reduction reactions. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 239-248.	10.8	131
33	Li ₂ TiO ₃ :Mn ⁴⁺ Deep-red Phosphor for the Lifetime-based Luminescence Thermometry. <i>ChemistrySelect</i> , 2019, 4, 7067-7075.	0.7	41
34	The enhancement of emission intensity and enlargement of color gamut by a simple local structure substitution with highly thermal stability preserved. <i>Optical Materials</i> , 2019, 95, 109201.	1.7	5
35	Crystal structure and photoluminescence tuning of novel single-phase Ca ₈ ZnLu(PO ₄) ₇ :Eu ²⁺ ,Mn ²⁺ phosphors for near-UV converted white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8374-8382.	2.7	52
36	Efficient Luminescence Enhancement of Mg ₂ TiO ₄ :Mn ⁴⁺ Red Phosphor by Incorporating Plasmonic Ag@SiO ₂ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21004-21009.	4.0	25

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37	Multi-dimensional anatase TiO ₂ materials: Synthesis and their application as efficient charge transporter in perovskite solar cells. <i>Solar Energy</i> , 2019, 184, 323-330.	2.9	35
38	Synthesis and optimization of the trimesic acid modified polymeric carbon nitride for enhanced photocatalytic reduction of CO ₂ . <i>Journal of Colloid and Interface Science</i> , 2019, 548, 197-205.	5.0	66
39	A promising europium-based down conversion material: organic-inorganic perovskite solar cells with high photovoltaic performance and UV-light stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6467-6474.	5.2	43
40	Engineering high reversibility and fast kinetics of Bi nanoflakes by surface modulation for ultrastable nickel-bismuth batteries. <i>Chemical Science</i> , 2019, 10, 3602-3607.	3.7	49
41	(Ca _{0.8} Mg _{0.2} Cl ₂ /SiO ₂):Eu ²⁺ : a violet-blue emitting phosphor with a low UV content for UV-LED based phototherapy illuminators. <i>New Journal of Chemistry</i> , 2019, 43, 3921-3926.	1.4	8
42	Facile synthesis of impurity-free iron single atom catalysts for highly efficient oxygen reduction reaction and active-site identification. <i>Catalysis Science and Technology</i> , 2019, 9, 6556-6560.	2.1	10
43	Ni ₃ S ₂ in Situ Grown on Ni Foam Coupled with Nitrogen-Doped Carbon Nanotubes as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction in Alkaline Solution. <i>ACS Omega</i> , 2019, 4, 20244-20251.	1.6	23
44	In Situ Activation of 3D Porous Bi/Carbon Architectures: Toward High Energy and Stable Nickel-Bismuth Batteries. <i>Advanced Materials</i> , 2018, 30, e1707290.	11.1	139
45	Facile and scalable carbon- and binder-free electrode materials for ultra-stable and highly improved Li-O ₂ batteries. <i>Chemical Communications</i> , 2018, 54, 2858-2861.	2.2	12
46	Mn ²⁺ and Mn ⁴⁺ red phosphors: synthesis, luminescence and applications in WLEDs. A review. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2652-2671.	2.7	511
47	An efficient synthetic strategy for uniform perovskite core-shell nanocubes NaMgF ₃ :Mn ²⁺ , Yb ³⁺ @NaMgF ₃ :Yb ³⁺ with enhanced near infrared upconversion luminescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2342-2350.	2.7	6
48	White Light Emission and Enhanced Color Stability in a Single-Component Host. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18066-18072.	4.0	117
49	Self-assembled superstructure of carbon-wrapped, single-crystalline Cu ₃ P porous nanosheets: One-step synthesis and enhanced Li-ion battery anode performance. <i>Energy Storage Materials</i> , 2018, 15, 75-81.	9.5	75
50	Ultrathin nanobelts-assembled Chinese knot-like 3D TiO ₂ for fast and stable lithium storage. <i>Nano Research</i> , 2018, 11, 2116-2128.	5.8	14
51	Broad-band emission of A ₃ B ₂ O ₉ complex perovskites (A = Ba, Sr; Tj ETQq1 1 0.784 Chemistry C, 2018, 6, 12566-12574.	2.7	11
52	Ca ₃ Lu(AlO) ₃ (BO ₃) ₄ :Sm ³⁺ : a novel red-emitting phosphor with high colour purity for NUV-based warm white LEDs. <i>RSC Advances</i> , 2018, 8, 40693-40700.	1.7	29
53	Synthesis and improved photoluminescence of hexagonal crystals of Li ₂ ZrF ₆ :Mn ⁴⁺ for warm WLED application. <i>Dalton Transactions</i> , 2018, 47, 16516-16523.	1.6	11
54	Layered Structure Produced Nonconcentration Quenching in a Novel Eu ³⁺ -Doped Phosphor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41479-41486.	4.0	133

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55	Hierarchical Ta-Doped TiO ₂ Nanorod Arrays with Improved Charge Separation for Photoelectrochemical Water Oxidation under FTO Side Illumination. <i>Nanomaterials</i> , 2018, 8, 983.	1.9	12
56	Nitrogen-, Oxygen- and Sulfur-Doped Carbon-Encapsulated Ni ₃ S ₂ and NiS Core-Shell Architectures: Bifunctional Electrocatalysts for Hydrogen Evolution and Oxygen Reduction Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15582-15590.	3.2	52
57	Hierarchical Porous Prism Arrays Composed of Hybrid Ni-NiO-Carbon as Highly Efficient Electrocatalysts for Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38906-38914.	4.0	56
58	Ta-Doped porous TiO ₂ nanorod arrays by substrate-assisted synthesis: efficient photoelectrocatalysts for water oxidation. <i>Nanoscale</i> , 2018, 10, 19367-19374.	2.8	15
59	Luminescence enhancement and energy transfers of Ce ³⁺ and Sm ³⁺ in CaSrSiO ₄ phosphor. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7612-7618.	2.7	65
60	Synthesis and improved photoluminescence of a novel red phosphor LiSrGaF ₆ :Mn ⁴⁺ for applications in warm WLEDs. <i>Dalton Transactions</i> , 2018, 47, 12944-12950.	1.6	20
61	Lattice defects of ZnO and hybrids with GO: Characterization, EPR and optoelectronic properties. <i>AIP Advances</i> , 2018, 8, .	0.6	30
62	Ultrafine SnO ₂ Nanocrystals Self-Anchored in Carbon for Stable Lithium Storage. <i>ChemElectroChem</i> , 2018, 5, 2320-2320.	1.7	0
63	Ultrafine SnO ₂ Nanocrystals Self-Anchored in Carbon for Stable Lithium Storage. <i>ChemElectroChem</i> , 2018, 5, 2341-2347.	1.7	14
64	Optimized photoluminescence of red phosphor Na ₂ SnF ₆ :Mn ⁴⁺ as red phosphor in the application in warm-white LEDs. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2005-2015.	1.9	45
65	Hollow nanocubes constructed from oriented anatase TiO ₂ nanoarrays: topotactic conversion and fast lithium-ion storage. <i>CrystEngComm</i> , 2017, 19, 2456-2463.	1.3	11
66	Tunable luminescence and energy transfer properties of Bi ³⁺ and Mn ⁴⁺ co-doped Ca ₁₄ Al ₁₀ Zn ₆ O ₃₅ phosphors for agricultural applications. <i>RSC Advances</i> , 2017, 7, 14868-14875.	1.7	90
67	Rational design of a tripartite-layered TiO ₂ photoelectrode: a candidate for enhanced power conversion efficiency in dye sensitized solar cells. <i>Nanoscale</i> , 2017, 9, 9913-9920.	2.8	24
68	Luminescence properties and energy transfer of YGa _{1.5} Al _{1.5} (BO ₃) ₄ :Tb ³⁺ ,Eu ³⁺ as a multi-colour emitting phosphor for WLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6294-6299.	2.7	71
69	Hexagonal β -Na(Y,Yb)F ₄ based core/shell nanorods: epitaxial growth, enhanced and tailored up-conversion emission. <i>RSC Advances</i> , 2017, 7, 19205-19210.	1.7	3
70	Ni, O, and S-tridoped Carbon-Encapsulated Co ₉ S ₈ Nanomaterials: Efficient Bifunctional Electrocatalysts for Overall Water Splitting. <i>Advanced Functional Materials</i> , 2017, 27, 1606585.	7.8	365
71	Efficient energy transfer and luminescence properties of Ca ₃ Y(GaO) ₃ (BO ₃) ₄ :Tb ³⁺ ,Eu ³⁺ as a green-to-red colour tunable phosphor under near-UV excitation. <i>Dalton Transactions</i> , 2017, 46, 1885-1891.	1.6	64
72	Anatase TiO ₂ single crystal hollow nanoparticles: their facile synthesis and high-performance in dye-sensitized solar cells. <i>CrystEngComm</i> , 2017, 19, 325-334.	1.3	23

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73	Chestnut-Like TiO ₂ @Fe ₂ O ₃ Core-Shell Nanostructures with Abundant Interfaces for Efficient and Ultralong Life Lithium-Ion Storage. ACS Applied Materials & Interfaces, 2017, 9, 354-361.	4.0	56
74	An Ultrastable and High-Performance Flexible Fiber-Shaped Ni-Zn Battery based on a NiO Heterostructured Nanosheet Cathode. Advanced Materials, 2017, 29, 1702698.	11.1	314
75	Au/SiO ₂ nanoparticles in TiO ₂ :Sm ³⁺ films for improved fluorescence sensing of oxygen. Journal of Materials Chemistry C, 2017, 5, 11958-11964.	2.7	7
76	Dual-emissions with energy transfer from the phosphor Ca ₁₄ Al ₁₀ Zn ₆ O ₃₅ :Bi ³⁺ ,Eu ³⁺ for application in agricultural lighting. Journal of Alloys and Compounds, 2017, 724, 735-743.	2.8	41
77	A Facile Activation Strategy for an MOF-Derived Metal-Free Oxygen Reduction Reaction Catalyst: Direct Access to Optimized Pore Structure and Nitrogen Species. ACS Catalysis, 2017, 7, 6082-6088.	5.5	188
78	Optical performance of Mn ⁴⁺ in a new hexa-coordinated fluorozirconate complex of Cs ₂ ZrF ₆ . Journal of Materials Chemistry C, 2016, 4, 7443-7448.	2.7	62
79	A Facile Route to BaSiF ₆ :Mn ⁴⁺ Phosphor with Intense Red Emission and Its Humidity Stability. Journal of the American Ceramic Society, 2016, 99, 3008-3014.	1.9	34
80	In Situ Topotactic Synthesis of Monodispersed Hierarchically Nanostructured Yttrium-Based Microspindles from a Mesocrystal Precursor. European Journal of Inorganic Chemistry, 2016, 2016, 3990-3993.	1.0	3
81	Efficient Pt-free electrocatalyst for oxygen reduction reaction: Highly ordered mesoporous N and S co-doped carbon with saccharin as single-source molecular precursor. Applied Catalysis B: Environmental, 2016, 194, 202-208.	10.8	93
82	Double substitution induced tunable luminescent properties of Ca ₃ ~xYxSc ₂ ~xMgxSi ₃ O ₁₂ :Ce ³⁺ phosphors for white LEDs. Journal of Materials Chemistry C, 2016, 4, 5671-5678.	2.7	32
83	Hydrothermal synthesis, morphology and photoluminescent properties of an Mn ⁴⁺ -doped novel red fluoride phosphor elpasolite K ₂ LiAlF ₆ . Journal of Materials Chemistry C, 2016, 4, 5690-5695.	2.7	148
84	One-step synthesis and luminescence properties of tetragonal double tungstates nanocrystals. Nanoscale, 2016, 8, 15486-15489.	2.8	18
85	Advanced red phosphors for white light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 8611-8623.	2.7	382
86	K(Mn,Zn)F ₃ mesoporous microspheres: one-pot synthesis via the nanoscale Kirkendall effect. CrystEngComm, 2016, 18, 1384-1392.	1.3	2
87	Rational design of anatase TiO ₂ architecture with hierarchical nanotubes and hollow microspheres for high-performance dye-sensitized solar cells. Journal of Power Sources, 2016, 303, 57-64.	4.0	44
88	Blue-emitting phosphor Ba ₄ OCl ₆ :Eu ²⁺ with good thermal stability and a tiny chromaticity shift for white LEDs. Journal of Materials Chemistry C, 2016, 4, 2367-2373.	2.7	66
89	HF-Free Hydrothermal Route for Synthesis of Highly Efficient Narrow-Band Red Emitting Phosphor K ₂ Si~x~F ₆ :Mn ⁴⁺ for Warm White Light-Emitting Diodes. Chemistry of Materials, 2016, 28, 1495-1502.	3.2	365
90	Formation of colloidal nanocrystal clusters of iron oxide by controlled ligand stripping. Chemical Communications, 2016, 52, 128-131.	2.2	17

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91	Facile Preparation and Ultrastable Performance of Single-Component White-Light-Emitting Phosphor-in-Glass used for High-Power Warm White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28122-28127.	4.0	112
92	Facile Synthesis of Anatase TiO ₂ Microcages: Topotactic Synthesis and Ultrastable Li ⁺ Ion Storage. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500210.	1.9	18
93	Correlation between Multiple Growth Stages and Photocatalysis of SrTiO ₃ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3530-3537.	1.5	29
94	A new red phosphor BaGeF ₆ :Mn ⁴⁺ : hydrothermal synthesis, photo-luminescence properties, and its application in warm white LED devices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3055-3059.	2.7	144
95	Red emitting phosphors of Eu ³⁺ doped Na ₂ Ln ₂ Ti ₃ O ₁₀ (Ln = Gd, Y) for white light emitting diodes. <i>Journal of Alloys and Compounds</i> , 2015, 635, 66-72.	2.8	57
96	Porous NaTi ₂ (PO ₄) ₃ nanocubes: a high-rate nonaqueous sodium anode material with more than 10 ⁴ cycle life. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18718-18726.	5.2	85
97	Energy transfer and luminescent properties of Ca ₈ MgLu(PO ₄) ₇ :Tb ³⁺ /Eu ³⁺ as a green-to-red color tunable phosphor under NUV excitation. <i>RSC Advances</i> , 2015, 5, 59830-59836.	1.7	60
98	Tunable Luminescent Properties and Concentration-Dependent, Site-Preferable Distribution of Eu ²⁺ Ions in Silicate Glass for White LEDs Applications. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10044-10054.	4.0	197
99	3D hierarchical AlV ₃ O ₉ microspheres: First synthesis, excellent lithium ion cathode properties, and investigation of electrochemical mechanism. <i>Nano Energy</i> , 2015, 15, 281-292.	8.2	40
100	A novel pure red phosphor Ca ₈ MgLu(PO ₄) ₇ :Eu ³⁺ for near ultraviolet white light-emitting diodes. <i>Ceramics International</i> , 2015, 41, 9610-9614.	2.3	55
101	High-performance flexible dye-sensitized solar cells by using hierarchical anatase TiO ₂ nanowire arrays. <i>RSC Advances</i> , 2015, 5, 88052-88058.	1.7	24
102	Fabrication and application of non-rare earth red phosphors for warm white-light-emitting diodes. <i>RSC Advances</i> , 2015, 5, 84821-84826.	1.7	34
103	Efficient and Stable Carbon-coated Nickel Foam Cathodes for the Electro-Fenton Process. <i>Electrochimica Acta</i> , 2015, 176, 811-818.	2.6	39
104	A new and efficient red phosphor for solid-state lighting: Cs ₂ TiF ₆ :Mn ⁴⁺ . <i>Journal of Materials Chemistry C</i> , 2015, 3, 9615-9619.	2.7	94
105	Ultrathin Anatase TiO ₂ Nanosheets Embedded with TiO ₂ Nanodomains for Lithium Ion Storage: Capacity Enhancement by Phase Boundaries. <i>Advanced Energy Materials</i> , 2015, 5, 1401756.	10.2	208
106	K ₂ Ln(PO ₄) ₂ (WO ₄) ₂ :Tb ³⁺ ,Eu ³⁺ (Ln = Y, Gd) Tj ETQq0 0 0 rgBT /Overlock <i>Journal of Materials Chemistry C</i> , 2015, 3, 2107-2114.	2.7	175
107	Two-color emitting of Eu ²⁺ and Tb ³⁺ co-doped Sr ₂ MgSi ₂ O ₇ for UV LEDs. <i>Optical Materials</i> , 2014, 36, 1649-1654.	1.7	31
108	Highly Thermally Stable Single-Component White-Emitting Silicate Glass for Organic-Resin-Free White-Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2709-2717.	4.0	220

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109	Synthesis of water-soluble Y^{2+} - NaYF_4 nanocrystals in a green way. <i>CrystEngComm</i> , 2014, 16, 6526-6529.	1.3	4
110	Topotactic Growth, Selective Adsorption, and Adsorption-Driven Photocatalysis of Protonated Layered Titanate Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17730-17739.	4.0	37
111	Studies of Terbium Bridge: Saturation Phenomenon, Significance of Sensitizer and Mechanisms of Energy Transfer, and Luminescence Quenching. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10792-10801.	4.0	57
112	A high color purity red emitting phosphor $\text{CaYAlO}_4:\text{Mn}^{4+}$ for LEDs. <i>Journal of Solid State Lighting</i> , 2014, 1, .	2.3	39
113	Titanium dioxide@titanium nitride nanowires on carbon cloth with remarkable rate capability for flexible lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 272, 946-953.	4.0	114
114	Color-Tunable Phosphor of Eu^{2+} and Mn^{2+} Codoped $\text{Ca}_2\text{Sr}(\text{PO}_4)_2$ for UV Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12494-12499.	1.5	114
115	Outward conversion of core-shell nanostructured ZnS microspheres to mesoporous ZnO ones. <i>CrystEngComm</i> , 2013, 15, 3334.	1.3	16
116	Monodispersed Y^{2+} - NaYF_4 Mesocrystals: In Situ Ion Exchange and Multicolor Up- and Down-Conversions. <i>Crystal Growth and Design</i> , 2013, 13, 2292-2297.	1.4	48
117	Controlled Growth and Up-Conversion Improvement of Sodium Yttrium Fluoride Crystals. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1269-1274.	1.0	22
118	UV-Vis-NIR luminescence properties and energy transfer mechanism of $\text{LiSrPO}_4:\text{Eu}^{2+}, \text{Pr}^{3+}$ suitable for solar spectral convertor. <i>Optics Express</i> , 2013, 21, 3161.	1.7	42
119	Standard White-Emitting $\text{Ca}_8\text{MgY}(\text{PO}_4)_7:\text{Eu}^{2+}, \text{Mn}^{2+}$ Phosphor for White-Light-Emitting LEDs. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, R178-R185.	0.9	59
120	Spontaneous Growth of Dendrite $\text{CaTiO}_3:\text{Pr}^{3+}$ Frameworks Assembled by Nanoslices Under Mild Sol-Hydrothermal Condition. <i>Integrated Ferroelectrics</i> , 2012, 137, 46-51.	0.3	0
121	Multiple Nucleation and Crystal Growth of Barium Titanate. <i>Crystal Growth and Design</i> , 2012, 12, 1247-1253.	1.4	71
122	Synthesis of Pd on porous hollow carbon spheres as an electrocatalyst for alcohol electrooxidation. <i>RSC Advances</i> , 2011, 1, 191.	1.7	30
123	Rutile nanowire arrays: tunable surface densities, wettability and photochemistry. <i>Journal of Materials Chemistry</i> , 2011, 21, 15806.	6.7	15
124	Facile shape and size-controlled growth of uniform magnetite and hematite nanocrystals with tunable properties. <i>Science China Chemistry</i> , 2011, 54, 923-929.	4.2	13
125	Facile Solvothermal Synthesis of Uniform Iron Selenide Nanoplates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2098-2102.	1.0	15
126	Hierarchical Durian-Shaped Dodecahedral Rutile Microparticles. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4429-4433.	1.0	3

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127	Topotactic Conversion Route to Mesoporous Quasi-Single-Crystalline Co_3O_4 Nanobelts with Optimizable Electrochemical Performance. <i>Advanced Functional Materials</i> , 2010, 20, 617-623.	7.8	202
128	Complex ZnO nanotree arrays with tunable top, stem and branch structures. <i>Nanoscale</i> , 2010, 2, 1674.	2.8	56
129	Continuous Shape- and Spectroscopy-Tuning of Hematite Nanocrystals. <i>Inorganic Chemistry</i> , 2010, 49, 8411-8420.	1.9	291
130	Multiple Growth Stages and Their Kinetic Models of Anatase Nanoparticles under Hydrothermal Conditions. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14461-14466.	1.5	36
131	Formation Mechanism of CaTiO_3 Hollow Crystals with Different Microstructures. <i>Journal of the American Chemical Society</i> , 2010, 132, 14279-14287.	6.6	198
132	Composition and size tailored synthesis of iron selenide nanoflakes. <i>CrystEngComm</i> , 2010, 12, 4386.	1.3	30
133	Cross-Medial Arrays of Ta-Doped Rutile Titania. <i>Journal of the American Chemical Society</i> , 2009, 131, 12048-12049.	6.6	35
134	Tunable Thickness and Photoluminescence of Bipyramidal Hexagonal NaYF_4 Microdisks. <i>Chemistry of Materials</i> , 2009, 21, 160-168.	3.2	62
135	Hierarchically Nanostructured Rutile Arrays: Acid Vapor Oxidation Growth and Tunable Morphologies. <i>ACS Nano</i> , 2009, 3, 1212-1218.	7.3	105
136	Hollow Single-Crystal Spinel Nanocubes: The Case of Zinc Cobalt Oxide Grown by a Unique Kirkendall Effect. <i>Inorganic Chemistry</i> , 2008, 47, 5522-5524.	1.9	48
137	ZnO Pine-Nanotree Arrays Grown from Facile Metal Chemical Corrosion and Oxidation. <i>Chemistry of Materials</i> , 2008, 20, 1197-1199.	3.2	83
138	Perovskite hollow cubes: morphological control, three-dimensional twinning and intensely enhanced photoluminescence. <i>Journal of Materials Chemistry</i> , 2008, 18, 3543.	6.7	52
139	Analysis of Upconversion Fluorescence Dynamics in NaYF_4 Codoped with Er^{3+} and Yb^{3+} . <i>Spectroscopy Letters</i> , 2007, 40, 259-269.	0.5	14
140	Controlled Hydrothermal Growth and Up-Conversion Emission of NaLnF_4 (Ln = Y, Dy, Yb). <i>Inorganic Chemistry</i> , 2007, 46, 5404-5410.	1.9	133
141	Hexagonal and Prismatic Nanowalled ZnO Microboxes. <i>Inorganic Chemistry</i> , 2006, 45, 3256-3260.	1.9	42
142	Hydrothermally-mediated preparation and photoluminescent properties of $\text{Sr}_3\text{Al}_2\text{O}_6:\text{Eu}^{3+}$ phosphor. <i>Materials Research Bulletin</i> , 2006, 41, 225-231.	2.7	23
143	Comparative Sol-Hydro(Solvo)thermal Synthesis of TiO_2 Nanocrystals. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2229-2235.	1.0	33
144	Three-band white light from InGaN-based blue LED chip precoated with Green/red phosphors. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1160-1162.	1.3	174

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145	Microcavity lasing behavior of oriented hexagonal ZnO nanowhiskers grown by hydrothermal oxidation. <i>Applied Physics Letters</i> , 2004, 84, 2739-2741.	1.5	131
146	Tailored photoluminescence of YAG:Ce phosphor through various methods. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 845-850.	1.9	320
147	Comparative investigation on synthesis and photoluminescence of YAG:Ce phosphor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 106, 251-256.	1.7	239
148	Hydrothermal Synthesis of Prismatic NaHoF ₄ Microtubes and NaSmF ₄ Nanotubes. <i>Inorganic Chemistry</i> , 2004, 43, 1594-1596.	1.9	63
149	Enhanced blue and green upconversion in hydrothermally synthesized hexagonal NaY _{1-x} Yb _x F ₄ :Ln ³⁺ (Ln ³⁺ = Er ³⁺ or Tm ³⁺). <i>Journal of Alloys and Compounds</i> , 2004, 368, 94-100.	2.8	87
150	Synthesis of Eu ³⁺ -doped calcium and strontium carbonate phosphors at room temperature. <i>Materials Research Bulletin</i> , 2003, 38, 1537-1544.	2.7	54
151	Synthesis and red luminescence of Pr ³⁺ -doped CaTiO ₃ nanophosphor from polymer precursor. <i>Journal of Solid State Chemistry</i> , 2003, 174, 69-73.	1.4	151
152	Oxide coating for alkaline earth sulfide based phosphor. <i>Journal of Luminescence</i> , 2003, 105, 121-126.	1.5	58
153	Hollow Spheres Based on Mesostructured Lead Titanate with Amorphous Framework. <i>Langmuir</i> , 2003, 19, 1362-1367.	1.6	42
154	Size- and shape-tailored hydrothermal synthesis of YVO ₄ crystals in ultra-wide pH range conditions. <i>Journal of Materials Chemistry</i> , 2003, 13, 1223-1228.	6.7	100
155	Kinetically Controlled Synthesis of Wurtzite ZnS Nanorods through Mild Thermolysis of a Covalent Organic Inorganic Network. <i>Inorganic Chemistry</i> , 2003, 42, 3100-3106.	1.9	173
156	Sol-Hydrothermal Synthesis and Hydrothermally Structural Evolution of Nanocrystal Titanium Dioxide. <i>Chemistry of Materials</i> , 2002, 14, 1974-1980.	3.2	288
157	Hydrothermal preparation and characterization of Zn ₂ SnO ₄ particles. <i>Materials Research Bulletin</i> , 2001, 36, 1391-1397.	2.7	53
158	A templated borate polymer from boric acid flux synthesis: [Cu(en) ₂][B ₇ O ₁₃ H ₃] _n . <i>Inorganic Chemistry Communication</i> , 2000, 3, 401-404.	1.8	48
159	Preparation of vanadium dioxide powders by thermolysis of a precursor at low temperature. <i>Journal of Materials Science</i> , 2000, 35, 3425-3429.	1.7	28
160	Microemulsion-Mediated Hydrothermal Synthesis and Characterization of Nanosize Rutile and Anatase Particles. <i>Langmuir</i> , 1999, 15, 8822-8825.	1.6	175
161	Hydrothermal Synthesis of Tetragonal Barium Titanate from Barium Hydroxide and Titanium Dioxide under Moderate Conditions. <i>Journal of the American Ceramic Society</i> , 1999, 82, 3254-3256.	1.9	51
162	Preparation and Dielectric Properties of PMN-PT Ceramics. <i>Journal of Materials Science Letters</i> , 1998, 17, 1567-1568.	0.5	9