Yuansheng Wang

List of Publications by Year
in descending order

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		18482	26613
199	13,361	62	107
papers	citations	h-index	g-index

205	205	205	9209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of Ratiometric Dualâ€Emitting Mechanoluminescence: Lanthanide/Transitionâ€Metal Combination Strategy. Laser and Photonics Reviews, 2022, 16, .	8.7	30
2	Toward Highâ€Quality Laserâ€Driven Lightings: Chromaticityâ€Tunable Phosphorâ€inâ€Glass Film with â€œPhosphor Patternâ€•Design. Laser and Photonics Reviews, 2022, 16, .	8.7	37
3	Patterned glass ceramic design for high-brightness high-color-quality laser-driven lightings. Journal of Advanced Ceramics, 2022, 11, 862-873.	17.4	40
4	Toward high-power-density laser-driven lighting: enhancing heat dissipation in phosphor-in-glass film by introducing h-BN. Optics Letters, 2022, 47, 3455.	3.3	14
5	Thermo-enhanced upconversion luminescence in inert-core/active-shell UCNPs: the inert core matters. Nanoscale, 2021, 13, 6569-6576.	5.6	30
6	Stable CsPbBr₃â€Glass Nanocomposite for Lowâ€Ã‰tendue Wideâ€Colorâ€Gamut Laserâ€Driven Projection Display. Laser and Photonics Reviews, 2021, 15, 2100044.	8.7	65
7	Î²â€SiAlON:Eu²⁺ Phosphorâ€inâ€Glass Film: An Efficient Laserâ€Driven Color Converter for Highâ€Brightness Wideâ€Colorâ€Gamut Projection Displays. Laser and Photonics Reviews, 2021, 15, 2100317.	8.7	37
8	Abnormal thermally enhanced upconversion luminescence of lanthanide-doped phosphors: proposed mechanisms and potential applications. Journal of Materials Chemistry C, 2021, 9, 2220-2230.	5.5	41
9	Laser-direct-writing of molecule-like Ag_m^{x+}nanoclusters in transparent tellurite glass for 3D volumetric optical storage. Nanoscale, 2021, 13, 19663-19670.	5.6	7
10	Plasmon-driven N₂ photofixation in pure water over MoO_{3â^’x} nanosheets under visible to NIR excitation. Journal of Materials Chemistry A, 2020, 8, 2827-2835.	10.3	44
11	X-ray excited CsPb(Cl,Br)3 perovskite quantum dots-glass composite with long-lifetime. Journal of the European Ceramic Society, 2020, 40, 2234-2238.	5.7	55
12	A solid-state colorimetric fluorescence Pb²⁺-sensing scheme: mechanically-driven CsPbBr₃ nanocrystallization in glass. Nanoscale, 2020, 12, 8801-8808.	5.6	22
13	Utilizing Auâ€“CuS heterodimer to intensify upconversion emission of NaGdF4:Yb/Er nanocrystals. Journal of Materials Science, 2020, 55, 6891-6902.	3.7	10
14	High-security-level multi-dimensional optical storage medium: nanostructured glass embedded with LiGa5O8: Mn2+ with photostimulated luminescence. Light: Science and Applications, 2020, 9, 22.	16.6	152
15	Pumping-controlled multicolor modulation of upconversion emission for dual-mode dynamic anti-counterfeiting. Nanophotonics, 2020, 9, 1519-1528.	6.0	10
16	CsPb(Br,I)3 embedded glass: Fabrication, tunable luminescence, improved stability and wide-color gamut LCD application. Chemical Engineering Journal, 2019, 378, 122255.	12.7	65
17	Perceiving Linear-Velocity by Multiphoton Upconversion. ACS Applied Materials & Interfaces, 2019, 11, 46379-46385.	8.0	22
18	Nanostructured NdF3 glass ceramic: An efficient bandpass color filter for wide-color-gamut white LED. Journal of the European Ceramic Society, 2019, 39, 2155-2160.	5.7	15

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19	Boosting single-band red upconversion luminescence in colloidal NaErF4 nanocrystals: Effects of doping and inert shell. Journal of Rare Earths, 2019, 37, 573-579.	4.8	11
20	Color-filtered phosphor-in-glass for LED-lit LCD with wide color gamut. Ceramics International, 2019, 45, 14432-14438.	4.8	16
21	Stress-induced CsPbBr3 nanocrystallization on glass surface: Unexpected mechanoluminescence and applications. Nano Research, 2019, 12, 1049-1054.	10.4	50
22	In-situ creating elastic lattice O O bonds over semicrystalline yellow TiO2 nanoparticles for significantly enhanced photocatalytic H2 production. Journal of Hazardous Materials, 2019, 374, 287-295.	12.4	9
23	A Photostimulated BaSi₂O₅:Eu²⁺,Nd³⁺ Phosphorâ€inâ€Glass for Erasableâ€Rewritable Optical Storage Medium. Laser and Photonics Reviews, 2019, 13, 1900006.	8.7	55
24	Dual-mode color tuning based on upconversion core/triple-shell nanostructure. Journal of Materials Chemistry C, 2019, 7, 3342-3350.	5.5	35
25	The synergistic role of double vacancies within AgGaS₂ nanocrystals in carrier separation and transfer for efficient photocatalytic hydrogen evolution. Catalysis Science and Technology, 2019, 9, 5838-5844.	4.1	12
26	Synergistic effect of the rearranged sulfur vacancies and sulfur interstitials for 13-fold enhanced photocatalytic H2 production over defective Zn2In2S5 nanosheets. Applied Catalysis B: Environmental, 2019, 240, 270-276.	20.2	43
27	Heating-induced abnormal increase in Yb³⁺ excited state lifetime and its potential application in lifetime luminescence nanothermometry. Inorganic Chemistry Frontiers, 2019, 6, 110-116.	6.0	38
28	A novel high-sensitive upconversion thermometry strategy: Utilizing synergistic effect of dual-wavelength lasers excitation to manipulate electron thermal distribution. Sensors and Actuators B: Chemical, 2019, 278, 165-171.	7.8	62
29	All-inorganic Y3Al5O12:Ce3+, Mn2+ Phosphor-in-Glass for Warm W-LED. , 2019, , .		0
30	Host sensitization of Mn⁴⁺ in selfâ€activated Na₂WO₂F₄:Mn⁴⁺. Journal of the American Ceramic Society, 2018, 101, 3437-3442.	3.8	23
31	Glass Ceramic Phosphors: Towards Longâ€Lifetime Highâ€Power White Lightâ€Emittingâ€Diode Applicationsâ€“A Review. Laser and Photonics Reviews, 2018, 12, 1700344.	8.7	256
32	Towards ultra-high sensitive colorimetric nanothermometry: Constructing thermal coupling channel for electronically independent levels. Sensors and Actuators B: Chemical, 2018, 256, 498-503.	7.8	33
33	Towards long-lifetime high-performance warm w-LEDs: Fabricating chromaticity-tunable glass ceramic using an ultra-low melting Sn-P-F-O glass. Journal of the European Ceramic Society, 2018, 38, 1990-1997.	5.7	40
34	Sn2+/Mn2+ codoped strontium phosphate (Sr2P2O7) phosphor for high temperature optical thermometry. Journal of Alloys and Compounds, 2018, 735, 1546-1552.	5.5	56
35	Enhancing negative thermal quenching effect via low-valence doping in two-dimensional confined coreâ€“shell upconversion nanocrystals. Journal of Materials Chemistry C, 2018, 6, 11587-11592.	5.5	45
36	Broadening the valid temperature range of optical thermometry through dual-mode design. Journal of Materials Chemistry C, 2018, 6, 11178-11183.	5.5	79

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37	Narrow-band red-emitting KZnF₃:Mn⁴⁺fluoroperovskites: insights into electronic/vibronic transition and thermal quenching behavior. Journal of Materials Chemistry C, 2018, 6, 10845-10854.	5.5	39
38	Strategy design for ratiometric luminescence thermometry: circumventing the limitation of thermally coupled levels. Journal of Materials Chemistry C, 2018, 6, 7462-7478.	5.5	194
39	CsPbBr₃/EuPO₄dual-phase devitrified glass for highly sensitive self-calibrating optical thermometry. Journal of Materials Chemistry C, 2018, 6, 9964-9971.	5.5	68
40	Doped polyaniline-hybridized tungsten oxide nanocrystals as hole injection layers for efficient organic light-emitting diodes. Journal of Materials Chemistry C, 2018, 6, 7242-7248.	5.5	21
41	Color-tunable persistent luminescence in oxyfluoride glass and glass ceramic containing Mn²⁺:Î±-Zn₂SiO₄ nanocrystals. Journal of Materials Chemistry C, 2017, 5, 1479-1487.	5.5	52
42	Structure and luminescence behavior of a single-ion activated single-phased Ba₂Y₃(SiO₄)₃F:Eu white-light phosphor. Journal of Materials Chemistry C, 2017, 5, 1789-1797.	5.5	81
43	Solution Growth of Modified Ultrathin W₁₈O₄₉ Nanobelts with Enhanced Chemical Activity against Alkylamine Radicals. Chemistry - an Asian Journal, 2017, 12, 524-529.	3.3	8
44	Nonâ€Rareâ€Earth K₂XF₇:Mn⁴⁺ (X = Ta, Nb): A Highlyâ€Efficient Narrowâ€Band Red Phosphor Enabling the Application in Wideâ€Colorâ€Gamut LCD. Laser and Photonics Reviews, 2017, 11, 1700148.	8.7	120
45	Size-dependent abnormal thermo-enhanced luminescence of ytterbium-doped nanoparticles. Nanoscale, 2017, 9, 13794-13799.	5.6	61
46	A highly-distorted octahedron with a C_{2v}group symmetry inducing an ultra-intense zero phonon line in Mn⁴⁺-activated oxyfluoride Na₂WO₂F₄. Journal of Materials Chemistry C, 2017, 5, 10524-10532.	5.5	120
47	Intervalence charge transfer state interfered Pr3+ luminescence: A novel strategy for high sensitive optical thermometry. Sensors and Actuators B: Chemical, 2017, 243, 137-143.	7.8	136
48	A novel double-perovskite Gd₂ZnTiO₆:Mn⁴⁺red phosphor for UV-based w-LEDs: structure and luminescence properties. Journal of Materials Chemistry C, 2016, 4, 2374-2381.	5.5	240
49	Ultra-small yellow defective TiO2 nanoparticles for co-catalyst free photocatalytic hydrogen production. Nano Energy, 2016, 24, 63-71.	16.0	129
50	Non-Rare-Earth BaMgAl_{10â€“2x}O₁₇:xMn⁴⁺,xMg²⁺: A Narrow-Band Red Phosphor for Use as a High-Power Warm w-LED. Chemistry of Materials, 2016, 28, 3515-3524.	6.7	290
51	CuGaS₂â€“ZnS pâ€“n nanoheterostructures: a promising visible light photo-catalyst for water-splitting hydrogen production. Nanoscale, 2016, 8, 16670-16676.	5.6	52
52	Inorganic halide perovskite quantum dot modified YAG-based white LEDs with superior performance. Journal of Materials Chemistry C, 2016, 4, 7601-7606.	5.5	64
53	Lu₂CaMg₂(Si_{1â^'x}Ge_x)₃O₁₂:Ce³⁺solid-solution phosphors: bandgap engineering for blue-light activated afterglow applicable to AC-LED. Journal of Materials Chemistry C, 2016, 4, 10329-10338.	5.5	92
54	A Novel Optical Thermometry Strategy Based on Diverse Thermal Response from Two Intervalence Charge Transfer States. Advanced Functional Materials, 2016, 26, 3139-3145.	14.9	467

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55	A chromaticity-tunable garnet-based phosphor-in-glass color converter applicable in w-LED. Journal of the European Ceramic Society, 2016, 36, 1723-1729.	5.7	49
56	Luminescence study of a self-activated and rare earth activated Sr₃La(VO₄)₃phosphor potentially applicable in W-LEDs. Journal of Materials Chemistry C, 2015, 3, 3023-3028.	5.5	113
57	Chromaticity-tunable phosphor-in-glass for long-lifetime high-power warm w-LEDs. Journal of Materials Chemistry C, 2015, 3, 8080-8089.	5.5	134
58	Highly thermal-stable warm w-LED based on Ce:YAG PiG stacked with a red phosphor layer. Journal of Alloys and Compounds, 2015, 649, 661-665.	5.5	88
59	A blue-emitting Sc silicate phosphor for ultraviolet excited light-emitting diodes. Physical Chemistry Chemical Physics, 2015, 17, 27292-27299.	2.8	25
60	Controllable synthesis and selective doping of hexagonal GdF3 and spinel-like Ga2O3 nano-crystals in silicate glass. Ceramics International, 2015, 41, 14197-14203.	4.8	2
61	Yb3+/Er3+ co-doped CaMoO4: a promising green upconversion phosphor for optical temperature sensing. Journal of Alloys and Compounds, 2015, 639, 325-329.	5.5	176
62	Bandgap Tailoring via Si Doping in Inverse-Garnet Mg₃Y₂Ge₃O₁₂:Ce³⁺ Persistent Phosphor Potentially Applicable in AC-LED. ACS Applied Materials & Interfaces, 2015, 7, 21835-21843.	8.0	143
63	Design, Preparation, and Characterization of a Novel Red Long-Persistent Perovskite Phosphor: Ca₃Ti₂O₇:Pr³⁺. Inorganic Chemistry, 2015, 54, 11299-11306.	4.0	122
64	CaMg₂Al₁₆O₂₇:Mn⁴⁺-based Red Phosphor: A Potential Color Converter for High-Powered Warm W-LED. ACS Applied Materials & Interfaces, 2014, 6, 22905-22913.	8.0	393
65	Co²⁺/Er³⁺co-doped transparent glass ceramic containing both spinel ZnAl₂O₄and orthorhombic YF₃for self-Q-switched laser. Laser Physics, 2014, 24, 025101.	1.2	10
66	Highly Intensified Upconversion Luminescence of Ca²⁺â€doped Yb/Er:NaGdF₄ Nanocrystals Prepared by a Solvothermal Route. Chemistry - an Asian Journal, 2014, 9, 728-733.	3.3	68
67	Cr³⁺:SrGa₁₂O₁₉: A Broadband Nearâ€Infrared Longâ€Persistent Phosphor. Chemistry - an Asian Journal, 2014, 9, 1020-1025.	3.3	71
68	Formation of AgGaS2 nano-pyramids from Ag2S nanospheres through intermediate Ag2Sâ€“AgGaS2 heterostructures and AgGaS2 sensitized Mn2+ emission. Nanoscale, 2014, 6, 2340.	5.6	33
69	A new-generation color converter for high-power white LED: transparent Ce³⁺ :YAG phosphor-in-glass. Laser and Photonics Reviews, 2014, 8, 158-164.	8.7	519
70	Reversible self-assembly of MxS (M = Cu, Ag) nanocrystals through ligand exchange. CrystEngComm, 2014, 16, 9478-9481.	2.6	7
71	Phosphor-in-Glass for High-Powered Remote-Type White AC-LED. ACS Applied Materials & Interfaces, 2014, 6, 21264-21269.	8.0	174
72	An active-core/active-shell structure with enhanced quantum-cutting luminescence in Prâ€“Yb co-doped monodisperse nanoparticles. Nanoscale, 2014, 6, 10500-10504.	5.6	45

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73	Converting Ag₂Sï£¿CdS and Ag₂Sï£¿ZnS into Agï£¿CdS and Agï£¿ZnS Nanoheterostructures by Selective Extraction of Sulfur. Chemistry - an Asian Journal, 2014, 9, 3287-3290.	3.3	6
74	<scp><scp>Ce</scp></scp>³⁺/<scp><scp>Pr</scp></scp>³⁺: <scp>YAGG</scp>: A Long Persistent Phosphor Activated by Blueâ€Light. Journal of the American Ceramic Society, 2014, 97, 2539-2545.	3.8	78
75	Impact of High Ytterbium(III) Concentration in the Shell on Upconversion Luminescence of Coreâ€“Shell Nanocrystals. Chemistry - an Asian Journal, 2014, 9, 2765-2770.	3.3	13
76	Growth of hexagonal NaGdF4 nanocrystals based on cubic Ln3+: CaF2 precursors and the multi-color upconversion emissions. Journal of Alloys and Compounds, 2014, 591, 370-376.	5.5	7
77	Phase-separation induced homogeneous nucleation and growth of Cs3LaCl6 nanoparticles in chalcohalide glass. Materials Research Bulletin, 2014, 49, 193-198.	5.2	5
78	Phase transition and multicolor luminescence of Eu2+/Mn2+-activated Ca3(PO4)2 phosphors. Materials Research Bulletin, 2014, 49, 677-681.	5.2	21
79	Abnormal size-dependent upconversion emissions and multi-color tuning in Er³⁺-doped CaF₂â€“YbF₃disordered solid-solution nanocrystals. Nanotechnology, 2013, 24, 085708.	2.6	38
80	Controllable synthesis of metal selenide heterostructures mediated by Ag2Se nanocrystals acting as catalysts. Nanoscale, 2013, 5, 9714.	5.6	22
81	Modifying the size and uniformity of upconversion Yb/Er:NaGdF4 nanocrystals through alkaline-earth doping. Nanoscale, 2013, 5, 11298.	5.6	87
82	Enhanced luminescence in Ce3+/Dy3+: Sr3Y2(BO3)4 phosphors via energy transfer. Materials Research Bulletin, 2013, 48, 1957-1960.	5.2	34
83	Eu2+:SrMg1â^'xMnxP2O7 (x=0â€“1) phosphors with tunable yellowâ€“red emissions. Journal of Alloys and Compounds, 2013, 555, 45-50.	5.5	15
84	Integrated broadband near-infrared luminescence in transparent glass ceramics containing Î³-Ga2O3: Ni2+ and Î²-YF3: Er3+ nanocrystals. Journal of Alloys and Compounds, 2013, 552, 398-404.	5.5	28
85	Tuning of multicolor emissions in glass ceramics containing Î³-Ga2O3 and Î²-YF3 nanocrystals. Journal of Materials Chemistry C, 2013, 1, 1804.	5.5	57
86	Impurity doping: a novel strategy for controllable synthesis of functional lanthanide nanomaterials. Nanoscale, 2013, 5, 4621.	5.6	146
87	Cu1.94Sâ€“MnS dimeric nanoheterostructures with bifunctions: localized surface plasmon resonance and magnetism. CrystEngComm, 2013, 15, 4217.	2.6	21
88	Molecular-like Ag clusters sensitized near-infrared down-conversion luminescence in oxyfluoride glasses for broadband spectral modification. Applied Physics Letters, 2013, 103, .	3.3	44
89	Ultra-broadband near-infrared excitable upconversion core/shell nanocrystals. Chemical Communications, 2012, 48, 5898.	4.1	125
90	Intrinsic single-band upconversion emission in colloidal Yb/Er(Tm):Na3Zr(Hf)F7 nanocrystals. Chemical Communications, 2012, 48, 10630.	4.1	91

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91	Lanthanide nanomaterials with photon management characteristics for photovoltaic application. Nano Energy, 2012, 1, 73-90.	16.0	162
92	Sensitization and protection of Eu3+ luminescence by CeO2 in nano-composite. Journal of Alloys and Compounds, 2012, 513, 626-629.	5.5	12
93	Uniform Eu3+:CeO2 hollow microspheres formation mechanism and optical performance. Journal of Alloys and Compounds, 2012, 534, 64-69.	5.5	18
94	Syntheses and optical properties of monodisperse BaLnF5 (Ln=Laâ€“Lu, Y) nanocrystals. Journal of Alloys and Compounds, 2012, 540, 27-31.	5.5	19
95	Exploring the Different Photocatalytic Performance for Dye Degradations over Hexagonal ZnIn₂S₄ Microspheres and Cubic ZnIn₂S₄ Nanoparticles. ACS Applied Materials & Interfaces, 2012, 4, 2273-2279.	8.0	209
96	Lanthanide dopant-induced formation of uniform sub-10 nm active-core/active-shell nanocrystals with near-infrared to near-infrared dual-modal luminescence. Journal of Materials Chemistry, 2012, 22, 2632-2640.	6.7	87
97	Crystallization mechanism and optical properties of Nd3+ doped chalcohalide glass ceramics. Materials Research Bulletin, 2012, 47, 3078-3082.	5.2	8
98	Tm3+-sensitized up- and down-conversions in nano-structured oxyfluoride glass ceramics. Materials Research Bulletin, 2012, 47, 4433-4437.	5.2	13
99	Sandwich-like Cu_{1.94}Sâ€“ZnSâ€“Cu_{1.94}S nanoheterostructure: structure, formation mechanism and localized surface plasmon resonance behavior. Nanotechnology, 2012, 23, 425604.	2.6	12
100	A plasmonic nano-antenna with controllable resonance frequency: Cu1.94Sâ€“ZnS dimeric nanoheterostructure synthesized in solution. Journal of Materials Chemistry, 2012, 22, 22614.	6.7	20
101	Broadband excitation of upconversion in lanthanide doped fluorides for enhancement of Si solar cells. , 2012, , .		2
102	Concentration quenching in transparent glass ceramics containing Er3+:NaYF4 nanocrystals. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1148-1151.	5.1	8
103	Ultraviolet upconversion luminescence of Gd3+ and Eu3+ in nano-structured glass ceramics. Materials Research Bulletin, 2012, 47, 469-472.	5.2	14
104	Dopant-induced phase transition: a new strategy of synthesizing hexagonal upconversion NaYF4 at low temperature. Chemical Communications, 2011, 47, 5801.	4.1	112
105	Crystallization behaviours of In2.67S4 nanophase in chalcohalide glasses. CrystEngComm, 2011, 13, 3008.	2.6	8
106	Modifying the phase and controlling the size of monodisperse ZrO2 nanocrystals by employing Gd3+ as a nucleation agent. CrystEngComm, 2011, 13, 4500.	2.6	14
107	Monodisperse upconversion Er3+/Yb3+:MFCl (M = Ca, Sr, Ba) nanocrystals synthesized via a seed-based chlorination route. Chemical Communications, 2011, 47, 11083.	4.1	51
108	SnO2/Î±-Fe2O3 nanoheterostructure with novel architecture: structural characteristics and photocatalytic properties. CrystEngComm, 2011, 13, 4873.	2.6	32

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109	Lanthanide activator doped NaYb1â^'xGdxF4 nanocrystals with tunable down-, up-conversion luminescence and paramagnetic properties. Journal of Materials Chemistry, 2011, 21, 6186.	6.7	79
110	Phase transition from hexagonal LnF3 (Ln = La, Ce, Pr) to cubic Ln0.8M0.2F2.8 (M = Ca, Sr, Ba) nanocrystals with enhanced upconversion induced by alkaline-earth doping. Chemical Communications, 2011, 47, 2601.	4.1	97
111	Advances in spectral conversion for photovoltaics: up-converting Er³⁺doped YF 3 nano-crystals in transparent glass ceramic. Proceedings of SPIE, 2011, , .	0.8	3
112	Near-infrared quantum cutting in Ho^3+/Yb^3+ codoped nanostructured glass ceramic. Optics Letters, 2011, 36, 876.	3.3	96
113	Enhanced mid-infrared emissions of Er^3+ at 27â€‰Î¼m via Nd^3+ sensitization in chalcohalide glass. Optics Letters, 2011, 36, 1815.	3.3	97
114	Broadband UV excitable near-infrared downconversion luminescence in Eu2+/Yb3+:CaF2 nanocrystals embedded glass ceramics. Journal of Alloys and Compounds, 2011, 509, 3363-3366.	5.5	85
115	Host-sensitized multicolor tunable luminescence of lanthanide ion doped one-dimensional YVO4 nano-crystals. Journal of Alloys and Compounds, 2011, 509, 3375-3381.	5.5	43
116	Distribution-related luminescence of Eu3+ sensitized by SnO2 nano-crystals embedding in oxide glassy matrix. Journal of Solid State Chemistry, 2011, 184, 236-240.	2.9	18
117	Luminescence in rare earth-doped transparent glass ceramics containing GdF3 nanocrystals for lighting applications. Journal of Materials Science, 2010, 45, 2775-2779.	3.7	43
118	Synthesis and upconversion emission of rare earth-doped olive-like YF3 micro-particles. Materials Research Bulletin, 2010, 45, 52-55.	5.2	7
119	Upconversion luminescence of Ho3+ sensitized by Yb3+ in transparent glass ceramic embedding BaYF5 nanocrystals. Materials Research Bulletin, 2010, 45, 1017-1020.	5.2	48
120	High-content bulk doping and thermal stability of rare earth ions in CeO2 nanocrystals. Scripta Materialia, 2010, 63, 661-664.	5.2	14
121	A visible light active photocatalyst: Nano-composite with Fe-doped anatase TiO2 nanoparticles coupling with TiO2(B) nanobelts. Journal of Molecular Catalysis A, 2010, 326, 1-7.	4.8	43
122	Color-tunable luminescence of Eu3+ in LaF3 embedded nanocomposite for light emitting diode. Acta Materialia, 2010, 58, 3035-3041.	7.9	122
123	Structure and luminescence of Eu3+ doped glass ceramics embedding ZnO quantum dots. Ceramics International, 2010, 36, 1091-1094.	4.8	27
124	Improving Er3+ 1.53â€‚Î¼m luminescence by CeF3 nanocrystallization in aluminosilicate glass. Journal of Applied Physics, 2010, 108, 123523.	2.5	13
125	Modifying the Size and Shape of Monodisperse Bifunctional Alkaline-Earth Fluoride Nanocrystals through Lanthanide Doping. Journal of the American Chemical Society, 2010, 132, 9976-9978.	13.7	293
126	Nd3+-sensitized upconversion white light emission of Tm3+/Ho3+ bridged by Yb3+ in Î²-YF3 nanocrystals embedded transparent glass ceramics. Journal of Applied Physics, 2010, 107, 103511.	2.5	42

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127	Hydrothermal Synthesis, Structural Characteristics, and Enhanced Photocatalysis of SnO₂/Î±-Fe₂O₃ Semiconductor Nanoheterostructures. ACS Nano, 2010, 4, 681-688.	14.6	373
128	Color-tunable luminescence for Bi3+/Ln3+:YVO4 (Ln = Eu, Sm, Dy, Ho) nanophosphors excitable by near-ultraviolet light. Physical Chemistry Chemical Physics, 2010, 12, 7775.	2.8	81
129	Ultraviolet-blue to near-infrared downconversion of Nd^3+-Yb^3+ couple. Optics Letters, 2010, 35, 220.	3.3	104
130	Juddâ€“Ofelt analyses and luminescence of Er3+/Yb3+ co-doped transparent glass ceramics containing NaYF4 nanocrystals. Journal of Alloys and Compounds, 2010, 490, 74-77.	5.5	45
131	Optical spectroscopy investigation on distribution of Eu3+ in nanostructured glass ceramics. Journal of Applied Physics, 2010, 107, 093504.	2.5	12
132	Optical spectroscopy of Eu3+ and Tb3+ doped glass ceramics containing LiYbF4 nanocrystals. Applied Physics Letters, 2009, 94, .	3.3	68
133	Fabrication of Co3O4 cubic nanoframes: Facet-preferential chemical etching of Fe3+ ions to Co3O4 nanocubes. Materials Letters, 2009, 63, 837-839.	2.6	14
134	Fabrication and structure characterization of MnCO3/Î±-Fe2O3 nanocrystal heterostructures. Materials Letters, 2009, 63, 2499-2502.	2.6	10
135	Synthesis and visible light photocatalysis of Fe-doped TiO2 mesoporous layers deposited on hollow glass microbeads. Journal of Solid State Chemistry, 2009, 182, 2785-2790.	2.9	62
136	Energy transfer and up-conversion luminescence in Er3+/Yb3+ co-doped transparent glass ceramic containing YF3 nano-crystals. Ceramics International, 2009, 35, 2619-2623.	4.8	62
137	Facile Synthesis and Formation Mechanism of Metal Chalcogenides Hollow Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 7522-7525.	3.1	17
138	Infrared luminescence of transparent glass ceramic containing Er3+:NaYF4 nanocrystals. Journal of Alloys and Compounds, 2009, 467, 317-321.	5.5	43
139	Cooperative Energy Transfer Up-Conversion and Quantum Cutting Down-Conversion in Yb³⁺:TbF₃ Nanocrystals Embedded Glass Ceramics. Journal of Physical Chemistry C, 2009, 113, 6406-6410.	3.1	132
140	CeF_3-based glass ceramic: a potential luminescent host for white-light-emitting diode. Optics Letters, 2009, 34, 2882.	3.3	62
141	Nanocrystallization of lanthanide trifluoride in an aluminosilicate glass matrix: dimorphism and rare earth partition. CrystEngComm, 2009, 11, 1686.	2.6	49
142	Enhanced photoluminescence of Eu3+ induced by energy transfer from In2O3 nano-crystals embedded in glassy matrix. Physical Chemistry Chemical Physics, 2009, 11, 8774.	2.8	27
143	Infrared to ultraviolet upconversion luminescence in Nd3+ doped nano-glass-ceramic. Journal of Rare Earths, 2008, 26, 428-432.	4.8	18
144	Highly efficient nearâ€infrared to visible upconversion luminescence in transparent glass ceramics containing Yb³⁺/Er³⁺:NaYF₄ nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1680-1684.	1.8	28

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