

# Zhenguo Ji

## List of Publications by Year in descending order

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224  
papers

9,253  
citations

29994

54  
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54797

84  
g-index

225  
all docs

225  
docs citations

225  
times ranked

8839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in transparent glassâ€“ceramic phosphors for white light-emitting diodesâ€”A review. Journal of the European Ceramic Society, 2015, 35, 859-869.	2.8	474
2	A review on nanostructured glass ceramics for promising application in optical thermometry. Journal of Alloys and Compounds, 2018, 763, 34-48.	2.8	250
3	Dual-Phase Glass Ceramic: Structure, Dual-Modal Luminescence, and Temperature Sensing Behaviors. ACS Applied Materials & Interfaces, 2015, 7, 19484-19493.	4.0	248
4	Dual-activator luminescence of RE/TM:Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>(RE =) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 632 phosphors for self-referencing optical thermometry. Journal of Materials Chemistry C, 2016, 4, 9044-9051.	2.7	195
5	Nd<sup>3+</sup>-Sensitized Ho<sup>3+</sup> Single-Band Red Upconversion Luminescence in Coreâ€“Shell Nanoarchitecture. Journal of Physical Chemistry Letters, 2015, 6, 2833-2840.	2.1	191
6	Enhanced luminescence of Mn<sup>4+</sup>:Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> red phosphor via impurity doping. Journal of Materials Chemistry C, 2016, 4, 1704-1712.	2.7	177
7	Energy Manipulation in Lanthanideâ€“Doped Coreâ€“Shell Nanoparticles for Tunable Dualâ€“Mode Luminescence toward Advanced Antiâ€“Counterfeiting. Advanced Materials, 2020, 32, e2002121.	11.1	165
8	A Bifunctional Cr/Yb/Tm:Ca<sub>3</sub>Ga<sub>2</sub>Ge<sub>3</sub>O<sub>12</sub> Phosphor with Near-Infrared Long-Lasting Phosphorescence and Upconversion Luminescence. Inorganic Chemistry, 2014, 53, 8638-8645.	1.9	155
9	Bulk glass ceramics containing Yb<sup>3+</sup>/Er<sup>3+</sup>-NaGdF<sub>4</sub> nanocrystals: Phase-separation-controlled crystallization, optical spectroscopy and upconverted temperature sensing behavior. Journal of Alloys and Compounds, 2015, 638, 21-28.	2.8	155
10	Mo + N Codoped TiO<sub>2</sub> sheets with dominant {001} facets for enhancing visible-light photocatalytic activity. Journal of Materials Chemistry, 2012, 22, 17700.	6.7	145
11	Garnet-based Li<sub>6</sub>CaLa<sub>2</sub>Sb<sub>2</sub>O<sub>12</sub>:Eu<sup>3+</sup> red phosphors: a potential color-converting material for warm white light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 4500-4510.	2.7	137
12	Simultaneous morphology manipulation and upconversion luminescence enhancement of Î²-NaYF<sub>4</sub>:Yb<sup>3+</sup>/Er<sup>3+</sup> microcrystals by simply tuning the KF dosage. Scientific Reports, 2015, 5, 12745.	1.6	133
13	Tunable Optical Properties and Enhanced Thermal Quenching of Non-Rare-Earth Double-Perovskite (Ba<sub>1-x</sub>Sr<sub>x</sub>)<sub>2</sub>YSbO<sub>6</sub>:Mn<sup>4+</sup> Red Phosphors Based on Composition Modulation. Inorganic Chemistry, 2018, 57, 8978-8987.	1.9	124
14	Coâ€“P Bonds as Atomic-Level Charge Transfer Channel To Boost Photocatalytic H<sub>2</sub> Production of Co<sub>2</sub>P/Black Phosphorus Nanosheets Photocatalyst. ACS Catalysis, 2019, 9, 7801-7807.	5.5	124
15	Enhanced luminescence of a Ba<sub>2</sub>GdSbO<sub>6</sub>:Mn<sup>4+</sup> red phosphor via cation doping for warm white light-emitting diodes. Dalton Transactions, 2018, 47, 8248-8256.	1.6	118
16	Gallium oxide films for filter and solar-blind UV detector. Optical Materials, 2006, 28, 415-417.	1.7	103
17	Efficient rare-earth free red-emitting Ca<sub>2</sub>YSbO<sub>6</sub>:Mn<sup>4+</sup>,M(M =) Tj ETQq1 1 0.784314 rgBT /Overlock light-emitting diodes. Dalton Transactions, 2018, 47, 6528-6537.	1.6	100
18	New Eu<sup>3+</sup>-activated perovskite La<sub>0.5</sub>Na<sub>0.5</sub>TiO<sub>3</sub> phosphors in glass for warm white light emitting diodes. Dalton Transactions, 2016, 45, 4762-4770.	1.6	99

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19	p-Type ZnO thin films prepared by oxidation of Zn <sub>3</sub> N <sub>2</sub> thin films deposited by DC magnetron sputtering. Journal of Crystal Growth, 2003, 259, 279-281.	0.7	97
20	Temperature-insensitive large strain response with a low hysteresis behavior in BNT-based ceramics. Ceramics International, 2016, 42, 7669-7680.	2.3	97
21	Synthesis and spectroscopic investigation of Ba <sub>3</sub> La <sub>6</sub> (SiO <sub>4</sub> ) <sub>6</sub> :Eu <sup>2+</sup> green phosphors for white light-emitting diodes. Chemical Engineering Journal, 2017, 309, 795-801.	6.6	95
22	Crystal face regulating MoS <sub>2</sub> /TiO <sub>2</sub> (001) heterostructure for high photocatalytic activity. Journal of Alloys and Compounds, 2016, 688, 840-848.	2.8	94
23	Stable and chromaticity-tunable phosphor-in-glass inorganic color converter for high-power warm white light-emitting diode. Journal of the European Ceramic Society, 2016, 36, 1705-1713.	2.8	92
24	Fabrication and characterization of indium-doped p-type SnO <sub>2</sub> thin films. Journal of Crystal Growth, 2003, 259, 282-285.	0.7	90
25	Tb <sup>3+</sup> /Eu <sup>3+</sup> : YF <sub>3</sub> nanophase embedded glass ceramics: Structural characterization, tunable luminescence and temperature sensing behavior. Journal of Alloys and Compounds, 2015, 646, 339-344.	2.8	90
26	Eu <sup>3+</sup> /Ga <sup>2+</sup> O <sub>3</sub> Dual-Phase Nanostructural Glass Ceramics with Eu <sup>2+</sup> /Cr <sup>3+</sup> Dual-Activator Luminescence for Self-Calibrated Optical Thermometry. Journal of Physical Chemistry C, 2016, 120, 21858-21865.	1.5	89
27	Novel red-emitting Sr <sub>2</sub> LaSbO <sub>6</sub> :Eu <sup>3+</sup> phosphor with enhanced 5 D <sub>0</sub> → 7 F <sub>4</sub> transition for warm white light-emitting diodes. Dyes and Pigments, 2017, 146, 272-278.	2.0	89
28	Enhanced visible-light-induced hydrogen evolution from water in a noble-metal-free system catalyzed by ZnTCPP-MoS <sub>2</sub> /TiO <sub>2</sub> assembly. Chemical Engineering Journal, 2015, 275, 8-16.	6.6	88
29	Composition- and temperature-driven phase transition characteristics and associated electromechanical properties in Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -based lead-free ceramics. Dalton Transactions, 2016, 45, 8573-8586.	1.6	84
30	NaNbO <sub>3</sub> templates-induced phase evolution and enhancement of electromechanical properties in <math>\langle 001 \rangle</math> grain oriented lead-free BNT-based piezoelectric materials. Journal of the European Ceramic Society, 2017, 37, 2591-2604.	2.8	84
31	Reconstruction of TiO <sub>2</sub> /MnO <sub>2</sub> -C nanotube/nanoflake core/shell arrays as high-performance supercapacitor electrodes. Nanotechnology, 2017, 28, 055405.	1.3	82
32	Low resistivity transparent conducting CdO thin films deposited by DC reactive magnetron sputtering at room temperature. Materials Letters, 2007, 61, 531-534.	1.3	81
33	A dual-functional upconversion core@shell nanostructure for white-light-emission and temperature sensing. Journal of Materials Chemistry C, 2016, 4, 6516-6524.	2.7	81
34	Anatase TiO <sub>2</sub> nanosheets with coexposed {101} and {001} facets coupled with ultrathin SnS <sub>2</sub> nanosheets as a face-to-face n-p-n dual heterojunction photocatalyst for enhancing photocatalytic activity. Applied Surface Science, 2017, 420, 839-848.	3.1	81
35	Constructing two-dimension MoS <sub>2</sub> /Bi <sub>2</sub> WO <sub>6</sub> core-shell heterostructure as carriers transfer channel for enhancing photocatalytic activity. Materials Research Bulletin, 2017, 85, 140-146.	2.7	80
36	Cr <sup>3+</sup> -doped gallium-based transparent bulk glass ceramics for optical temperature sensing. Journal of the European Ceramic Society, 2015, 35, 4211-4216.	2.8	78

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37	Color-tunable luminescence, energy transfer and temperature sensing behavior of hexagonal NaYF <sub>4</sub> :Ce <sup>3+</sup> /Tb <sup>3+</sup> /Eu <sup>3+</sup> microcrystals. <i>Journal of Alloys and Compounds</i> , 2016, 672, 117-124.	2.8	78
38	A novel rare-earth free red-emitting Li <sub>3</sub> Mg <sub>2</sub> SbO <sub>6</sub> :Mn <sup>4+</sup> phosphor-in-glass for warm w-LEDs: Synthesis, structure, and luminescence properties. <i>Journal of Alloys and Compounds</i> , 2019, 773, 413-422.	2.8	75
39	Hexagonal NaYF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nano/micro-structures: Controlled hydrothermal synthesis and morphology-dependent upconversion luminescence. <i>Applied Surface Science</i> , 2015, 333, 23-33.	3.1	72
40	Transparent p-type conducting indium-doped SnO <sub>2</sub> thin films deposited by spray pyrolysis. <i>Materials Letters</i> , 2006, 60, 1387-1389.	1.3	71
41	MnS coupled with ultrathin MoS <sub>2</sub> nanolayers as heterojunction photocatalyst for high photocatalytic and photoelectrochemical activities. <i>Journal of Alloys and Compounds</i> , 2019, 771, 364-372.	2.8	69
42	One-step synthesis of rutile nano-TiO <sub>2</sub> with exposed {1 1 1} facets for high photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2015, 632, 133-139.	2.8	68
43	SnS <sub>2</sub> nanosheets coupled with 2D ultrathin MoS <sub>2</sub> nanolayers as face-to-face 2D/2D heterojunction photocatalysts with excellent photocatalytic and photoelectrochemical activities. <i>Journal of Alloys and Compounds</i> , 2019, 775, 726-735.	2.8	67
44	Impact of Eu <sup>3+</sup> Dopants on Optical Spectroscopy of Ce <sup>3+</sup> :Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> Embedded Transparent Glass Ceramics. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2445-2450.	1.9	65
45	Realization of forming-free ZnO-based resistive switching memory by controlling film thickness. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 395104.	1.3	63
46	Li <sup>+</sup> ions doping core-shell nanostructures: An approach to significantly enhance upconversion luminescence of lanthanide-doped nanocrystals. <i>Journal of Alloys and Compounds</i> , 2015, 623, 42-48.	2.8	62
47	Highly enhanced upconversion luminescence in lanthanide-doped active-core/lu-mescent-shell/active-shell nanoarchitectures. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2432-2437.	2.7	62
48	Achieving efficient Tb <sup>3+</sup> dual-mode luminescence via Gd-sublattice-mediated energy migration in a NaGdF <sub>4</sub> core-shell nanoarchitecture. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5372-5376.	2.7	60
49	Preparation and characterization of p-type transparent conducting tin-gallium oxide films. <i>Applied Surface Science</i> , 2007, 253, 4819-4822.	3.1	59
50	Tailoring frequency-insensitive large field-induced strain and energy storage properties in (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Zr <sub>0.1</sub> Ti <sub>0.9</sub> )O <sub>3</sub> -modified (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> lead-free ceramics. <i>Dalton Transactions</i> , 2019, 48, 10160-10173.	1.6	59
51	N-doped rutile TiO <sub>2</sub> nano-rods show tunable photocatalytic selectivity. <i>Journal of Alloys and Compounds</i> , 2013, 575, 40-47.	2.8	58
52	A study of constructing heterojunction between two-dimensional transition metal sulfides (MoS <sub>2</sub> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	57
53	Sn-MOF derived bimodal-distributed SnO <sub>2</sub> nanosphere as a high performance anode of sodium ion batteries with high gravimetric and volumetric capacities. <i>Materials Research Bulletin</i> , 2018, 99, 45-51.	2.7	57
54	Tunable upconversion luminescence in self-crystallized Er <sup>3+</sup> :K(Y <sub>1-x</sub> Yb <sub>x</sub> ) <sub>3</sub> F <sub>10</sub> nano-glass-ceramics. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7100-7103.	1.3	56

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55	Controlled synthesis of $\text{Yb}^{3+}/\text{Er}^{3+}$ microstructures with morphology- and size-dependent upconversion luminescence. <i>Ceramics International</i> , 2015, 41, 7411-7420.	2.3	56
56	Effects of oxygen partial pressure on resistive switching characteristics of ZnO thin films by DC reactive magnetron sputtering. <i>Solid State Communications</i> , 2010, 150, 1919-1922.	0.9	53
57	Tuning into blue and red: europium single-doped nano-glass-ceramics for potential application in photosynthesis. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3141-3149.	2.7	52
58	Schottky junction effect enhanced plasmonic photocatalysis by TaON@Ni NP heterostructures. <i>Chemical Communications</i> , 2019, 55, 11754-11757.	2.2	52
59	Controllable synthesis of $\text{Bi}_2\text{WO}_6(001)/\text{TiO}_2(001)$ heterostructure with enhanced photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2016, 676, 37-45.	2.8	51
60	Constructing a Novel $\text{TiO}_2/\text{ZnS}$ Dual Heterojunction between Anatase $\text{TiO}_2$ Nanosheets with Coexposed {101}, {001} Facets and Porous ZnS for Enhancing Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6133-6140.	1.5	51
61	Highly stable Y-based metal organic framework with two molecular building block for selective adsorption of $\text{C}_2\text{H}_2$ and $\text{CO}_2$ over $\text{CH}_4$ . <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1193-1198.	3.0	51
62	Enhanced upconversion luminescence in phase-separation-controlled crystallization glass ceramics containing Yb/Er(Tm): NaLuF <sub>4</sub> nanocrystals. <i>Journal of the European Ceramic Society</i> , 2015, 35, 2129-2137.	2.8	47
63	Control of bulk homochirality and proton conductivity in isostructural chiral metal-organic frameworks. <i>Chemical Communications</i> , 2017, 53, 1892-1895.	2.2	47
64	Grain-orientated lead-free BNT-based piezoceramics with giant electrostrictive effect. <i>Ceramics International</i> , 2017, 43, 3339-3345.	2.3	47
65	$\text{Ce}^{3+}/\text{Tb}^{3+}$ co-doped $\text{Yb}^{3+}$ - $\text{NaYF}_4$ dual-emitting phosphors for self-referencing optical thermometry. <i>Journal of Alloys and Compounds</i> , 2018, 763, 85-93.	2.8	46
66	Electromechanical properties and structure evolution in $\text{BiAlO}_3$ -modified $\text{Bi}_0.5\text{Na}_0.5\text{TiO}_3$ lead-free piezoceramics. <i>Journal of Alloys and Compounds</i> , 2016, 667, 6-17.	2.8	45
67	Anatase nano- $\text{TiO}_2$ with exposed curved surface for high photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2016, 661, 441-447.	2.8	45
68	Reduced $\text{TiO}_2$ nanoflower structured photoanodes for superior photoelectrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2017, 724, 280-286.	2.8	44
69	{001} Facets of anatase $\text{TiO}_2$ show high photocatalytic selectivity. <i>Materials Letters</i> , 2012, 79, 259-262.	1.3	43
70	ZnO nanoparticle films prepared by oxidation of metallic zinc in $\text{H}_2\text{O}_2$ solution and subsequent process. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 117, 63-66.	1.7	41
71	Nanoscale anatase $\text{TiO}_2$ with dominant {111} facets shows high photocatalytic activity. <i>Applied Surface Science</i> , 2014, 311, 521-528.	3.1	41
72	Efficient Nonenzymatic Sensors Based on Ni-MOF Microspheres Decorated with Au Nanoparticles for Glucose Detection. <i>Journal of Electronic Materials</i> , 2020, 49, 4754-4763.	1.0	40

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73	Characterization and electrochromic properties of $Cu_xNi_{1-x}O$ films prepared by sol-gel dip-coating. <i>Solar Energy</i> , 2006, 80, 226-230.	2.9	39
74	Ce <sup>3+</sup> dopants-induced spectral conversion from green to red in the Yb/Ho: NaLuF <sub>4</sub> self-crystallized nano-glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 654, 151-156.	2.8	39
75	Heterostructure of epitaxial (001) Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> growth on (001) TiO <sub>2</sub> for enhancing photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2016, 654, 71-78.	2.8	39
76	Fabrication and characterization of p-type ZnO films by pyrolysis of zinc-acetate-ammonia solution. <i>Journal of Crystal Growth</i> , 2003, 253, 239-242.	0.7	38
77	Biomolecule-assisted solvothermal synthesis of 3D hierarchical Cu <sub>2</sub> FeSnS <sub>4</sub> microspheres with enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2015, 343, 28-32.	3.1	38
78	Near-single-band red upconversion luminescence in Yb/Er: BiOX (X=Cl, Br) nanoplatelets. <i>Journal of Alloys and Compounds</i> , 2016, 682, 275-283.	2.8	38
79	Lead-free BNT-based composite materials: enhanced depolarization temperature and electromechanical behavior. <i>Dalton Transactions</i> , 2017, 46, 15340-15353.	1.6	38
80	Alkaline Earth Metal Ca and N Codoped TiO <sub>2</sub> with Exposed {001} Facets for Enhancing Visible Light Photocatalytic Activity. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2615-2622.	1.9	37
81	Novel cyan-emitting K <sub>2</sub> BaScSi <sub>2</sub> O <sub>7</sub> :Eu <sup>2+</sup> phosphors with ultrahigh quantum efficiency and excellent thermal stability for WLEDs. <i>Journal of the American Ceramic Society</i> , 2019, 102, 7376-7385.	1.9	37
82	Lanthanide-activated Na <sub>5</sub> Gd <sub>9</sub> F <sub>32</sub> nanocrystals precipitated from a borosilicate glass: Phase-separation-controlled crystallization and optical property. <i>Journal of Alloys and Compounds</i> , 2015, 625, 149-157.	2.8	36
83	Bidirectional threshold switching characteristics in Ag/ZrO <sub>2</sub> /Pt electrochemical metallization cells. <i>AIP Advances</i> , 2016, 6, .	0.6	36
84	Phase transition behavior and enhanced electromechanical properties in (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Zr <sub>x</sub> Ti <sub>1-x</sub> )O <sub>3</sub> lead-free piezoceramics. <i>Ceramics International</i> , 2016, 42, 3598-3608.	2.3	35
85	Bundle-shaped $\text{Er}^{3+}$ -NaYF <sub>4</sub> microrods: Hydrothermal synthesis, Gd-mediated downconversion luminescence and ratiometric temperature sensing. <i>Ceramics International</i> , 2018, 44, 7930-7938.	2.3	35
86	Mobility enhancement of p-type SnO <sub>2</sub> by In-Ga co-doping. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 299-302.	0.7	34
87	A novel metal-organic framework for high storage and separation of acetylene at room temperature. <i>Journal of Solid State Chemistry</i> , 2016, 241, 152-156.	1.4	34
88	Novel dual heterojunction between MoS <sub>2</sub> and anatase TiO <sub>2</sub> with coexposed {101} and {001} facets. <i>Journal of the American Ceramic Society</i> , 2017, 100, 5274-5285.	1.9	34
89	A novel transparent pn+ junction based on indium tin oxides. <i>Thin Solid Films</i> , 2004, 460, 324-326.	0.8	33
90	Fabrication and characteristics of the low-resistive p-type ZnO thin films by DC reactive magnetron sputtering. <i>Materials Letters</i> , 2006, 60, 912-914.	1.3	33

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91	MoS <sub>2</sub> nanosheet/ZnO nanowire hybrid nanostructures for photoelectrochemical water splitting. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3989-3996.	1.9	32
92	Curved surface TiO <sub>2</sub> nanodrums coupled with MoS <sub>2</sub> as heterojunction photocatalysts with enhancing photocatalytic activity. <i>Materials Letters</i> , 2018, 229, 277-280.	1.3	32
93	Reactive DC magnetron deposition of copper nitride films for write-once optical recording. <i>Materials Letters</i> , 2006, 60, 3758-3760.	1.3	31
94	Controllable SET process in O-Ti-Sb-Te based phase change memory for synaptic application. <i>Applied Physics Letters</i> , 2018, 112, 073106.	1.5	31
95	Effects of nickel doping on the preferred orientation and oxidation potential of Ti/Sb SnO <sub>2</sub> anodes prepared by spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2016, 684, 137-142.	2.8	30
96	Tuning into single-band red upconversion luminescence in Yb <sup>3+</sup> /Ho <sup>3+</sup> activated nano-glass-ceramics through Ce <sup>3+</sup> doping. <i>Dalton Transactions</i> , 2015, 44, 5288-5293.	1.6	29
97	Hydrothermal Synthesis of Monodispersed LiMnPO <sub>4</sub> (010) Nanobelts and [001] Nanorods and Their Applications in Lithium-Ion Batteries. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1533-1539.	1.0	29
98	Regulating Photocatalytic Selectivity of Anatase TiO <sub>2</sub> with {101}, {001}, and {111} Facets. <i>Journal of the American Ceramic Society</i> , 2014, 97, 4005-4010.	1.9	28
99	Hexagonal crown-capped NaYF <sub>4</sub> :Ce <sup>3+</sup> /Gd <sup>3+</sup> /Dy <sup>3+</sup> microrods: Formation mechanism, energy transfer and luminescence properties. <i>Journal of Alloys and Compounds</i> , 2016, 658, 952-960.	2.8	28
100	Large electrostrictive effect in lead-free (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> -based composite piezoceramics. <i>Ceramics International</i> , 2018, 44, 8628-8634.	2.3	28
101	Cu nanoparticles hybridized with ZnO thin film for enhanced photoelectrochemical oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2018, 768, 830-837.	2.8	28
102	Transparent sol-gel glass ceramics containing $\lambda^2$ -NaYF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanocrystals: Structure, upconversion luminescent properties and optical thermometry behavior. <i>Ceramics International</i> , 2018, 44, 16379-16387.	2.3	28
103	Characterization of Mg <sub>x</sub> Zn <sub>1-x</sub> O thin films prepared by sol-gel dip coating. <i>Journal of Crystal Growth</i> , 2004, 265, 537-540.	0.7	27
104	Phase transition, switching characteristics of MPB compositions and large strain in lead-free (Bi <sub>0.5</sub> ) <sub>Tj</sub> ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	27
105	High carriers transmission efficiency ZnS/SnS <sub>2</sub> heterojunction channel toward excellent photoelectrochemical activity. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2810-2819.	1.9	27
106	Ta <sub>3</sub> N <sub>5</sub> nanorods encapsulated into 3D hydrangea-like MoS <sub>2</sub> for enhanced photocatalytic hydrogen evolution under visible light irradiation. <i>Dalton Transactions</i> , 2019, 48, 13176-13183.	1.6	27
107	Constructing 1D/2D heterojunction photocatalyst from FeSe <sub>2</sub> nanorods and MoSe <sub>2</sub> nanoplates with high photocatalytic and photoelectrochemical performance. <i>International Journal of Energy Research</i> , 2020, 44, 1205-1217.	2.2	27
108	Excellent photoelectrochemical hydrogen evolution performance of FeSe <sub>2</sub> nanorod/ZnSe 0D/1D heterostructure as efficiency carriers migrate channel. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8526-8539.	3.8	27

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109	Improvement of resistive switching in ZnO film by Ti doping. <i>Thin Solid Films</i> , 2013, 537, 279-284.	0.8	26
110	Eu <sup>3+</sup> and Er <sup>3+</sup> doped NaLu <sub>1-y</sub> Yb <sub>y</sub> F <sub>4</sub> (x= 0 ≤ y ≤ 1) solid-solution self-crystallization nano-glass-ceramics: Microstructure and optical spectroscopy. <i>Journal of the European Ceramic Society</i> , 2015, 35, 3673-3679.	2.8	26
111	A promising Ti/SnO <sub>2</sub> anodes modified by Nb/Sb co-doping. <i>Journal of Electroanalytical Chemistry</i> , 2018, 824, 169-174.	1.9	26
112	High photocatalytic and photoelectrochemical performance of a novel 0D/2D heterojunction photocatalyst constructed by ZnSe nanoparticles and MoSe <sub>2</sub> nanoflowers. <i>Ceramics International</i> , 2020, 46, 13651-13659.	2.3	26
113	Excellent photoelectrochemical activity of Bi <sub>2</sub> S <sub>3</sub> nanorod/TiO <sub>2</sub> nanoplate composites with dominant {001} facets. <i>Journal of Solid State Chemistry</i> , 2020, 281, 121041.	1.4	25
114	Effects of Cu doping on the structure, electronic and optical properties of SnO <sub>2</sub> thin films by spray pyrolysis: An experimental and density functional study. <i>Surface and Coatings Technology</i> , 2017, 322, 120-126.	2.2	24
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