

Ye Tao

List of Publications by Year in descending order

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180
papers

5,708
citations

61984

43
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110387

64
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all docs

184
docs citations

184
times ranked

5534
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. <i>Advanced Energy Materials</i> , 2018, 8, 1703585.	19.5	274
2	Tuning the Valence of the Cerium Center in (Na)phthalocyaninato and Porphyrinato Cerium Double-Deckers by Changing the Nature of the Tetrapyrrole Ligands. <i>Journal of the American Chemical Society</i> , 2003, 125, 12257-12267.	13.7	158
3	Self-Assembled Framework Enhances Electronic Communication of Ultrasmall-Sized Nanoparticles for Exceptional Solar Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2017, 139, 4789-4796.	13.7	146
4	Tracking Mechanistic Pathway of Photocatalytic CO ₂ Reaction at Ni Sites Using Operando, Time-Resolved Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 5618-5626.	13.7	121
5	Photoluminescence of Ce ³⁺ , Pr ³⁺ and Tb ³⁺ activated Sr ₃ Ln(PO ₄) ₃ under VUV-UV excitation. <i>Journal of Solid State Chemistry</i> , 2004, 177, 901-908.	2.9	112
6	Site Occupancies, Luminescence, and Thermometric Properties of Li ₉ (SiO ₄) ₆ O ₂ :Ce ³⁺ Phosphors. <i>Inorganic Chemistry</i> , 2016, 55, 10415-10424.	4.0	100
7	Luminescent Properties of the BaMgAl ₁₀ O ₁₇ :Eu ²⁺ ,M ³⁺ (M = Nd, Er) Phosphor in the VUV Region. <i>Chemistry of Materials</i> , 2002, 14, 3005-3008.	6.7	98
8	Energy Transfer and Tunable Luminescence of NaLa(PO ₃) ₄ :Tb ³⁺ /Eu ³⁺ under VUV and Low-Voltage Electron Beam Excitation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3220-3229.	3.1	96
9	Preparation of divalent rare earth ions in air by aliovalent substitution and spectroscopic properties of Ln ²⁺ . <i>Journal of Alloys and Compounds</i> , 2002, 344, 132-136.	5.5	95
10	Luminescent materials and spectroscopic properties of Dy ³⁺ ion. <i>Journal of Luminescence</i> , 2007, 122-123, 927-930.	3.1	92
11	Direct synthesis of all-inorganic heterostructured CdSe/CdS QDs in aqueous solution for improved photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10365-10373.	10.3	89
12	Li ₄ SrCa(SiO ₄) ₂ :Eu ²⁺ : A Potential Temperature Sensor with Unique Optical Thermometric Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9691-9695.	8.0	89
13	Synchrotron Radiation Circular Dichroism (SRCD) spectroscopy: New beamlines and new applications in biology. <i>Spectroscopy</i> , 2007, 21, 245-255.	0.8	85
14	The Quantum Cutting of Tb ³⁺ in Ca ₆ Ln ₂ Na ₂ (PO ₄) ₆ F ₂ (Ln = Tj ETQq0,0 0 rgBT /Overlock 11317-11324.	4.0	82
15	Luminescence and microstructures of Eu ³⁺ -doped Ca ₉ LiGd ₂ /3(PO ₄) ₇ . <i>Dalton Transactions</i> , 2011, 40, 11433.	3.3	82
16	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS ₂ Nanosheets. <i>ACS Nano</i> , 2020, 14, 5529-5542.	14.6	82
17	Spectroscopy and Luminescence Dynamics of Ce ³⁺ and Sm ³⁺ in Li ₉ SiO ₄ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 4529-4537.	3.1	75
18	Size dependence of luminescent properties for hexagonal YBO ₃ :Eu nanocrystals in the vacuum ultraviolet region. <i>Journal of Applied Physics</i> , 2003, 93, 9783-9788.	2.5	66

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19	Developing VUV spectroscopy for protein folding and material luminescence on beamline 4B8 at the Beijing Synchrotron Radiation Facility. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 857-863.	2.4	66
20	Vacuum Ultraviolet-Visible Spectroscopic Properties of Tb ³⁺ in Li(Y,Tj)ETQqO ₀ 0rgBT /Overlock 10 Tf 50 707 Td (Gd)(P of Physical Chemistry C, 2010, 114, 6770-6777.	3.1	65
21	Correlation between Size-Dependent Luminescent Properties and Local Structure around Eu ³⁺ Ions in YBO ₃ :Eu Nanocrystals: An XAFS Study. <i>Chemistry of Materials</i> , 2003, 15, 3011-3017.	6.7	64
22	A high efficiency blue phosphor BaCa ₂ MgSi ₂ O ₈ :Eu ²⁺ under VUV and UV excitation. <i>Journal of Materials Chemistry C</i> , 2013, 1, 493-499.	5.5	64
23	Visible quantum cutting in BaF ₂ :Gd,Eu via downconversion. <i>Journal of Luminescence</i> , 2003, 101, 155-159.	3.1	63
24	Bright green-emitting, energy transfer and quantum cutting of Ba ₃ Ln(PO ₄) ₃ : Tb ³⁺ (Ln = La, Gd) under VUV-UV excitation. <i>Optics Express</i> , 2011, 19, 11071.	3.4	63
25	Structure-function analysis reveals a novel mechanism for regulation of histone demethylase LSD2/AOF1/KDM1b. <i>Cell Research</i> , 2013, 23, 225-241.	12.0	61
26	Luminescence of Ce ³⁺ at two different sites in Sr ₂ P ₂ O ₇ under vacuum ultraviolet-UV and x-ray excitation. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	60
27	Intensive emission of Dy ³⁺ in NaGd(PO ₃) ₄ for Hg-free lamps application. <i>Optics Express</i> , 2008, 16, 7508.	3.4	59
28	Effect of Lanthanide Chloride on Photosynthesis and Dry Matter Accumulation in Tobacco Seedlings. <i>Biological Trace Element Research</i> , 2001, 79, 169-176.	3.5	58
29	Photon Cascade Emission of Gd ³⁺ in Na(Y,Gd)FPO ₄ . <i>Journal of Physical Chemistry C</i> , 2008, 112, 12524-12529.	3.1	57
30	Structure Refinement and Two-Center Luminescence of Ca ₃ La ₃ (BO ₃) ₅ :Ce ³⁺ under VUV-UV Excitation. <i>Inorganic Chemistry</i> , 2012, 51, 8802-8809.	4.0	55
31	Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration. <i>Advanced Materials</i> , 2019, 31, e1804872.	21.0	55
32	Photoluminescence properties of RE ³⁺ -activated Na ₃ GdP ₂ O ₈ (RE ³⁺ =Tb ³⁺ , Dy ³⁺ , Eu ³⁺ , Sm ³⁺) under VUV excitation. <i>Optical Materials</i> , 2011, 33, 475-479.	3.6	52
33	EXAFS studies of luminescence centres in Eu ³⁺ doped nanoscale phosphors. <i>Materials Letters</i> , 1996, 28, 137-140.	2.6	50
34	Spectral Properties and Energy Transfer of a Potential Solar Energy Converter. <i>Chemistry of Materials</i> , 2016, 28, 2834-2843.	6.7	50
35	Consequences of ET and MMCT on Luminescence of Ce ³⁺ -, Eu ³⁺ -, and Tb ³⁺ -doped LiYSiO ₄ . <i>Inorganic Chemistry</i> , 2016, 55, 7777-7786.	4.0	50
36	Luminescent metastable Y ₂ WO ₆ :Ln ³⁺ (Ln = Eu, Er, Sm, and Dy) microspheres with controllable morphology via self-assembly. <i>Journal of Materials Chemistry</i> , 2010, 20, 10894.	6.7	49

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37	Enhanced Green Emission of Eu ²⁺ by Energy Transfer from the ⁵ D ₃ Level of Tb ³⁺ in NaCaPO ₄ . Journal of Physical Chemistry C, 2014, 118, 7002-7009.	3.1	49
38	Formation of complexes of Rubisco-Rubisco activase from La ³⁺ , Ce ³⁺ treatment spinach. Science in China Series B: Chemistry, 2005, 48, 67-74.	0.8	47
39	Structural basis for the regulatory function of a complex zinc-binding domain in a replicative arterivirus helicase resembling a nonsense-mediated mRNA decay helicase. Nucleic Acids Research, 2014, 42, 3464-3477.	14.5	47
40	Hydrothermal synthesis and luminescence properties of NaGdF ₄ :Eu. Journal of Alloys and Compounds, 2002, 343, 151-155.	5.5	46
41	Luminescence, cathodoluminescence and Ce ³⁺ → Eu ²⁺ energy transfer and emission enhancement in the Sr ₅ (PO ₄) ₃ Cl:Ce ³⁺ ,Eu ²⁺ phosphor. Journal of Materials Chemistry C, 2013, 1, 7155.	5.5	46
42	600 nm-driven photoreduction of CO ₂ through the topological transformation of layered double hydroxides nanosheets. Applied Catalysis B: Environmental, 2020, 270, 118884.	20.2	46
43	Br-rich tips of calcified crab claws are less hard but more fracture resistant: A comparison of mineralized and heavy-element biological materials. Journal of Structural Biology, 2009, 166, 272-287.	2.8	45
44	Nonstoichiometric Cu _x In _y S Quantum Dots for Efficient Photocatalytic Hydrogen Evolution. ChemSusChem, 2017, 10, 4833-4838.	6.8	45
45	NaGd(PO ₃) ₄ :Tb ³⁺ – A new promising green phosphor for PDPs application. Chemical Physics Letters, 2008, 453, 192-196.	2.6	44
46	Tracking Co(I) Intermediate in Operando in Photocatalytic Hydrogen Evolution by X-ray Transient Absorption Spectroscopy and DFT Calculation. Journal of Physical Chemistry Letters, 2016, 7, 5253-5258.	4.6	44
47	Spectroscopic properties of Ce ³⁺ doped MBPO ₅ (M=Ca, Sr, Ba) under VUV excitation. Materials Chemistry and Physics, 2005, 92, 180-184.	4.0	43
48	VUV-UV Photoluminescence Spectra of Strontium Orthophosphate Doped with Rare Earth Ions. Journal of Solid State Chemistry, 2002, 167, 435-440.	2.9	42
49	Synthesis, vacuum ultraviolet and ultraviolet spectroscopy of Ce ³⁺ -ion doped olgite Na(Sr, Ba)PO ₄ . Journal Physics D: Applied Physics, 2007, 40, 7821-7825.	2.8	42
50	A potential cyan-emitting phosphor Sr ₈ (Si ₄ O ₁₂)Cl ₈ :Eu ²⁺ for wide color gamut 3D-PDP and 3D-FED. Journal of Materials Chemistry C, 2013, 1, 1305.	5.5	42
51	Site Occupation of Eu ²⁺ in Ba _{2-x} Sr _x SiO ₄ (x = 0-1.9) and Origin of Improved Luminescence Thermal Stability in the Intermediate Composition. Inorganic Chemistry, 2018, 57, 7090-7096.	4.0	42
52	VUV-UV excited luminescent properties of calcium borophosphate doped with rare earth ions. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 98, 213-219.	3.5	41
53	Crystal structure of the Locusta migratoria odorant binding protein. Biochemical and Biophysical Research Communications, 2015, 456, 737-742.	2.1	41
54	Electronic Properties of Ce ³⁺ -Doped Sr ₃ Al ₂ O ₅ Cl ₂ : A Combined Spectroscopic and Theoretical Study. Journal of Physical Chemistry C, 2015, 119, 6785-6792.	3.1	41

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55	Preparation and characterization of optical spectroscopy of Lu ₂ O ₃ :Eu nanocrystals. <i>Journal of Solid State Chemistry</i> , 2005, 178, 477-482.	2.9	40
56	Identifying key intermediates generated in situ from Cu(II) salt-catalyzed C-H functionalization of aromatic amines under illumination. <i>Science Advances</i> , 2017, 3, e1700666.	10.3	40
57	Vectorial Electron Transfer for Improved Hydrogen Evolution by Mercaptopropionic Acid-Regulated CdSe Quantum Dots@TiO ₂ @Ni(OH) ₂ Assembly. <i>ChemSusChem</i> , 2015, 8, 642-649. ^{6,8}	6.8	39
58	Luminescence and site occupancies of Eu ³⁺ in La ₂ CaB ₁₀ O ₁₉ . <i>Dalton Transactions</i> , 2013, 42, 12891.	3.3	38
59	Luminescent characteristics and energy transfer of a red-emitting YVO ₄ :Sm ³⁺ , Eu ³⁺ phosphor. <i>Journal of Luminescence</i> , 2014, 152, 160-164.	3.1	38
60	Multifunctional ScF ₃ :Ln ³⁺ (Ln = Tb, Eu, Yb, Er, Tm and Ho) nano/microcrystals: hydrothermal/solvothermal synthesis, electronic structure, magnetism and tunable luminescence properties. <i>Nanoscale</i> , 2014, 6, 5907-5917.	5.6	38
61	The optical spectroscopic properties of rare earth-activated barium orthophosphate in VUV-Vis range. <i>Materials Research Bulletin</i> , 2003, 38, 797-805.	5.2	36
62	Spectroscopic parameters of Ce ³⁺ ion doped Na ₂ CaMg(PO ₄) ₂ phosphor. <i>Journal of Alloys and Compounds</i> , 2010, 500, 134-137.	5.5	36
63	Observation of efficient energy transfer from host to rare-earth ions in KBaY(BO ₃) ₂ :Tb ³⁺ phosphor for plasma display panel. <i>Journal of Alloys and Compounds</i> , 2013, 551, 485-489.	5.5	36
64	VUV excited luminescence of MGdF ₄ :Eu ³⁺ (M=Na, K, NH ₄). <i>Journal of Luminescence</i> , 2004, 110, 95-99.	3.1	35
65	Luminescence and electronic properties of Ba ₂ MgSi ₂ O ₇ :Eu ²⁺ : a combined experimental and hybrid density functional theory study. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8328-8332.	5.5	35
66	The luminescence of CaYBO ₄ :RE ³⁺ (REEu, Gd, Tb, Ce) in VUV-visible region. <i>Journal of Luminescence</i> , 2007, 126, 196-202.	3.1	34
67	Recent advance of photochromic diarylethenes-containing supramolecular systems. <i>Chinese Chemical Letters</i> , 2015, 26, 817-824.	9.0	34
68	Host absorption sensitizing and energy transfer to Eu ³⁺ by Gd ³⁺ in Ba ₆ Gd ₂ xNa ₂ Eux(PO ₄) ₆ F ₂ . <i>Journal of Solid State Chemistry</i> , 2013, 201, 18-23.	2.9	31
69	Luminescent properties and energy transfer of Ce ³⁺ -activated Li ₂ O-B ₂ O ₃ -Gd ₂ O ₃ scintillating glasses under VUV-UV and X-ray excitation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 350, 36-40.	1.4	28
70	VUV-vis photoluminescence, X-ray radioluminescence and energy transfer dynamics of Ce ³⁺ and Pr ³⁺ doped LiCaBO ₃ . <i>Journal of Materials Chemistry C</i> , 2015, 3, 9161-9169.	5.5	28
71	Luminescence and Cationic-Size-Driven Site Selection of Eu ³⁺ and Ce ³⁺ Ions in Ca ₈ Mg(SiO ₄) ₄ Cl ₂ . <i>Inorganic Chemistry</i> , 2018, 57, 14872-14881.	4.0	28
72	Morphologies of GdBO ₃ :Eu ³⁺ one-dimensional nanomaterials. <i>Journal of Alloys and Compounds</i> , 2010, 489, L9-L12.	5.5	27

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73	Luminescence of Ce ³⁺ -Doped MB ₂ Si ₂ O ₈ (M = Sr, Ba): A Deeper Insight into the Effects of Electronic Structure and Stokes Shift. <i>Journal of Physical Chemistry C</i> , 2016, 120, 569-580.	3.1	27
74	Vacuum Referred Binding Energy Scheme, Electron-Vibrational Interaction, and Energy Transfer Dynamics in BaMg ₂ Si ₂ O ₇ :Ln (Ce ³⁺ , Eu ²⁺) Phosphors. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2959-2967.	3.1	27
75	The luminescent properties of Ba ₃ Gd ^x Ln _x (PO ₄) ₃ under synchrotron radiation VUV excitation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 119, 152-158.	3.5	26
76	VUV-UV spectroscopic properties of RE (RE ³⁺ =Ce, Eu and Tb)-doped KMLn(PO ₄) ₂ (M ²⁺ =Ca, Sr; Ln ³⁺ =Y, Tj ETQ ₀₀₀ rgBT/Overloc	3.6	26
77	Luminescence of Ce ³⁺ activated NaCaPO ₄ under VUV-UV and X-ray excitation. <i>Optical Materials</i> , 2012, 34, 1214-1218.	3.6	26
78	The Effect of Sr ²⁺ on Luminescence of Ce ³⁺ -Doped (Ca,Sr) ₂ Al ₂ SiO ₇ . <i>Inorganic Chemistry</i> , 2017, 56, 12476-12484.	4.0	26
79	The luminescent properties of lanthanide ions activated BaBPO ₅ in VUV-Vis range. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 1071-1076.	4.0	25
80	VUV-vis photoluminescence of GdAl ₃ (BO ₃) ₄ :Eu ³⁺ and energy transfer from Gd ³⁺ to Eu ³⁺ . <i>Materials Chemistry and Physics</i> , 2012, 132, 756-760.	4.0	25
81	EXAFS structure refinement supplemented by computational chemistry. <i>Physical Review B</i> , 2006, 74, .	3.2	24
82	Synchrotron radiation circular dichroism (SRCD) spectroscopy: An emerging method in structural biology for examining protein conformations and protein interactions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 649, 177-178.	1.6	24
83	Temperature Sensitive Luminescence of Ce ³⁺ in Two Different Sites of Na ₃ LuSi ₂ O ₇ . <i>Journal of the Electrochemical Society</i> , 2012, 159, J43-J47.	2.9	24
84	Luminescence and multi-step energy transfer in GdAl ₃ (BO ₃) ₄ doped with Ce ³⁺ /Tb ³⁺ . <i>Journal of Luminescence</i> , 2015, 161, 257-263.	3.1	24
85	VUV spectroscopic properties of Ba ₂ Gd ₂ Si ₄ O ₁₃ :Re ³⁺ (Re ³⁺ =Ce ³⁺ , Tb ³⁺ , Dy ³⁺ , Eu ³⁺ , Sm ³⁺). <i>Materials Research Bulletin</i> , 2013, 48, 1952-1956.	5.2	23
86	The site-selective excitation and the dynamical electron-lattice interaction on the luminescence of YBO ₃ : Sb ³⁺ . <i>Journal of Solid State Chemistry</i> , 2013, 201, 229-236.	2.9	22
87	Eu ³⁺ -activated B ₂ O ₃ -GeO ₂ -RE ₂ O ₃ (RE=Y ³⁺ , La ³⁺ and Gd ³⁺) borogermanate scintillating glasses. <i>Journal of Non-Crystalline Solids</i> , 2014, 389, 72-77.	3.1	22
88	Energy transfer processes in Ce ³⁺ and Tb ³⁺ co-doped Ln ₂ Si ₂ O ₇ (Ln=Y, Gd). <i>Optical Materials</i> , 2011, 33, 1239-1242.	3.6	21
89	The Influence of Oxygen Vacancies on Luminescence Properties of Na ₃ LuSi ₃ O ₉ :Ce ³⁺ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 18741-18747.	3.1	21
90	Composition, Characteristic and Activity of Rare Earth Element-Bound Polysaccharide from Tea. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1987-1992.	1.3	20

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91	Synthesis, structure and VUV luminescent properties of rubidium rare-earth fluorides. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2777-2782.	2.9	20
92	The VUV-vis spectroscopic properties of phosphors $\text{Ca}_3\text{Gd}_2(1-x)\text{Ln}_x(\text{BO}_3)_4$ ($\text{Ln}^{3+}=\text{Ce}, \text{Sm}, \text{Eu}, \text{Tb}$). <i>Materials Research Bulletin</i> , 2006, 41, 1468-1475.	5.2	20
93	Yellow-white emission of Ce^{3+} and Eu^{2+} doped $\text{Li}_2\text{SrSiO}_4$ under low-voltage electron-beam excitation. <i>Optics Express</i> , 2012, 20, 15891.	3.4	20
94	VUV-vis photoluminescence, low-voltage cathodoluminescence and electron-vibrational interaction of Mn^{2+} in $\text{Ba}_2\text{MgSi}_2\text{O}_7$. <i>Optical Materials</i> , 2015, 43, 59-65.	3.6	20
95	Luminescence properties of an orange-red phosphor $\text{GdAl}_3(\text{BO}_3)_4:\text{Sm}^{3+}$ under VUV excitation and energy transfer from Gd^{3+} to Sm^{3+} . <i>Optical Materials</i> , 2015, 39, 81-85.	3.6	20
96	Luminescence properties and site occupancy of Ce^{3+} in Ba_2SiO_4 : a combined experimental and ab initio study. <i>RSC Advances</i> , 2017, 7, 25685-25693.	3.6	20
97	Luminescence and Energy Transfer between Ce^{3+} and Pr^{3+} in $\text{Ba}_2\text{Si}_3\text{O}_{10}$ under VUV-vis and X-ray Excitation. <i>Inorganic Chemistry</i> , 2018, 57, 8414-8421.	4.0	20
98	VUV excited luminescence of europium activated calcium borophosphate prepared in air. <i>Journal of Alloys and Compounds</i> , 2002, 334, 293-298.	5.5	19
99	Nanoprobes: Quantitatively Detecting the Femtogram Level of Arsenite Ions in Live Cells. <i>ACS Nano</i> , 2011, 5, 5560-5565.	14.6	19
100	Investigation of $\text{Na}_3\text{Gd}_2\text{P}_2\text{O}_8:\text{Tb}^{3+}$ as a potential green-emitting phosphor for plasma display panels. <i>Materials Research Bulletin</i> , 2011, 46, 722-725.	5.2	19
101	Insight into Eu redox and Pr^{3+} 5d emission in KSrPO_4 by VRBE scheme construction. <i>Dalton Transactions</i> , 2018, 47, 306-313.	3.3	19
102	Intense Cyan-Emitting of $\text{Li}_2\text{CaSiO}_4:\text{Eu}^{2+}$ Under Low-Voltage Cathode Ray Excitation. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, J69.	2.2	18
103	VUV-UV-vis photoluminescence of Ce^{3+} and $\text{Ce}^{3+}-\text{Eu}^{2+}$ energy transfer in $\text{Ba}_2\text{MgSi}_2\text{O}_7$. <i>Journal of Luminescence</i> , 2017, 185, 251-257.	3.1	18
104	$\text{Ca}_6\text{Gd}_{15}\text{Tb}_5\text{Na}_2(\text{PO}_4)_6\text{F}_2$ an intense green-emitting phosphor under vacuum ultraviolet and low-voltage cathode ray excitation. <i>Optics Letters</i> , 2009, 34, 3466.	3.3	17
105	Chirality of Graphene Oxide-Humic Acid Sandwich Complex Induced by a Twisted, Long-Range-Ordered Nanostructure. <i>Journal of Physical Chemistry C</i> , 2016, 120, 25789-25795.	3.1	17
106	Site Occupancy and VUV-UV-vis Photoluminescence of the Lanthanide Ions in $\text{Ba}_2\text{Si}_3\text{O}_{10}$. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7421-7431.	3.1	17
107	A facile method to synthesize water-soluble Pd_8 nanoclusters unraveling the catalytic mechanism of p-nitrophenol to p-aminophenol. <i>Nano Research</i> , 2019, 12, 2589-2596.	10.4	17
108	Development of picosecond time-resolved X-ray absorption spectroscopy by high-repetition-rate laser pump/X-ray probe at Beijing Synchrotron Radiation Facility. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 667-673.	2.4	17

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109	VUV-LIV luminescence of Ce ³⁺ , Pr ³⁺ doped and Ce ³⁺ –Pr ³⁺ codoped NaLa(PO ₃) ₄ . Journal of Luminescence, 2013, 143, 21-26.	3.1	16
110	Investigation of the luminescence properties of Tb ³⁺ -doped Li ₆ Y(BO ₃) ₃ phosphors in VUV–VIS range. Journal of Luminescence, 2013, 136, 51-56.	3.1	16
111	Luminescence and X-ray absorption studies on 0.5% Ce ³⁺ doped BaCa ₂ MgSi ₂ O ₈ phosphor. Physical Chemistry Chemical Physics, 2015, 17, 22035-22041.	2.8	16
112	Visible light-induced photochemical oxygen evolution from water by 3,4,9,10-perylenetetracarboxylic dianhydride nanorods as an n-type organic semiconductor. Catalysis Science and Technology, 2016, 6, 672-676.	4.1	16
113	Visible Quantum Cutting in Tb ³⁺ -Doped BaGdB ₉ O ₁₆ via Downconversion. Journal of the Electrochemical Society, 2010, 157, J293.	2.9	15
114	White-emitting phosphors Ca ₆ La ₂ Na ₂ (PO ₄) ₆ F ₂ :Dy ³⁺ and luminescence enhancement through Ce ³⁺ –Dy ³⁺ energy transfer. Materials Chemistry and Physics, 2013, 142, 339-344.	4.0	15
115	Hydrothermal synthesis, morphology and luminescent properties of GdAlO ₃ :Eu ³⁺ microcrystals. Journal of Alloys and Compounds, 2014, 614, 40-43.	5.5	15
116	Excitation wavelength dependent luminescence properties for Eu ³⁺ -activated Ba ₂ Gd ₂ Si ₄ O ₁₃ phosphor. Journal of Materials Science, 2015, 50, 4772-4778.	3.7	15
117	VUV and Eu-L ₃ edge XANES spectra of europium-doped strontium tetraborate prepared in air. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 67-72.	1.7	14
118	Luminescent properties of YBa ₃ B ₉ O ₁₈ :Ce ³⁺ in vacuum ultraviolet–visible region. Journal Physics D: Applied Physics, 2008, 41, 055410.	2.8	14
119	Host sensitization of Tb ³⁺ through Gd ³⁺ in Na ₃ Gd(BO ₃) ₂ :Tb ³⁺ . Journal of Alloys and Compounds, 2016, 654, 441-444.	5.5	14
120	Red Emission of Ca ₆ Gd _{1.97} Eu _{0.03} Na ₂ (PO ₄) ₆ F ₂ with Suitable Chromaticity Coordinates under VUV Excitation. Electrochemical and Solid-State Letters, 2010, 13, J140.	2.2	13
121	The energy transfer in the Sb ³⁺ and Eu ³⁺ co-activated YBO ₃ phosphor and their white luminescence for deep ultraviolet LEDs application. Journal of Luminescence, 2014, 149, 144-149.	3.1	13
122	Intense emission of Ba ₂ MgSi ₂ O ₇ :Eu ²⁺ under X-ray excitation for potential detecting applications. Journal of Luminescence, 2017, 183, 97-101.	3.1	13
123	Rational Design of a Mononuclear Metal Site into the Archaeal Rieske-type Protein Scaffold. Journal of Biological Chemistry, 2005, 280, 9129-9134.	3.4	12
124	Improving the BAM VUV-Irradiation Degradation with a UV-Blue Emitting Phosphor CLPF:Tm. Journal of the Electrochemical Society, 2010, 157, J401.	2.9	12
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