

Ye Tao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9465163/publications.pdf>

Version: 2024-02-01

180
papers

5,708
citations

61984

43
h-index

110387

64
g-index

184
all docs

184
docs citations

184
times ranked

5534
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> transient Laue x-ray diffraction during high strain-rate tension. Review of Scientific Instruments, 2022, 93, 033902.	1.3	2
2	<i>Mamba</i> : a systematic software solution for beamline experiments at HEPS. Journal of Synchrotron Radiation, 2022, 29, 664-669.	2.4	12
3	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
4	Tracking Mechanistic Pathway of Photocatalytic CO ₂ Reaction at Ni Sites Using Operando, Time-Resolved Spectroscopy. Journal of the American Chemical Society, 2020, 142, 5618-5626.	13.7	121
5	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS ₂ Nanosheets. ACS Nano, 2020, 14, 5529-5542.	14.6	82
6	Finite-element simulation for X-ray volume diffractive optics based on the wave optical theory. Optics Express, 2020, 28, 34973.	3.4	2
7	A facile method to synthesize water-soluble Pd ₈ nanoclusters unraveling the catalytic mechanism of p-nitrophenol to p-aminophenol. Nano Research, 2019, 12, 2589-2596.	10.4	17
8	Giant photoinduced lattice distortion in oxygen vacancy ordered $\text{SrCoO}_{x-2.5}$ thin films. Physical Review B, 2019, 100, .	10.2	12
9	Coupling Among Carriers and Phonons in Femtosecond Laser Pulses Excited SrRuO ₃ : A Promising Candidate for Optomechanical and Optoelectronic Applications. ACS Applied Nano Materials, 2019, 2, 3882-3888.	5.0	8
10	Li ₄ SrCa(SiO ₄) ₂ :Eu ²⁺ : A Potential Temperature Sensor with Unique Optical Thermometric Properties. ACS Applied Materials & Interfaces, 2019, 11, 9691-9695.	8.0	89
11	Photocatalytic Hydrogen Evolution: Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration (Adv. Mater. 7/2019). Advanced Materials, 2019, 31, 1970048.	21.0	1
12	APDROC: A Front-End ASIC for APD Array Detector in High Time-Resolved Synchrotron Experiments. IEEE Transactions on Nuclear Science, 2019, 66, 2239-2244.	2.0	2
13	Upgrade of laser pump time-resolved X-ray probes in Beijing synchrotron. Journal of Synchrotron Radiation, 2019, 26, 2075-2080.	2.4	1
14	Susceptible Surface Sulfide Regulates Catalytic Activity of CdSe Quantum Dots for Hydrogen Photogeneration. Advanced Materials, 2019, 31, e1804872.	21.0	55
15	Sub-3 nm Ultrafine Monolayer Layered Double Hydroxide Nanosheets for Electrochemical Water Oxidation. Advanced Energy Materials, 2018, 8, 1703585.	19.5	274
16	Site Occupancy and UV-Vis Photoluminescence of the Lanthanide Ions in BaY ₂ Si ₃ O ₁₀ . Journal of Physical Chemistry C, 2018, 122, 7421-7431.	3.1	17
17	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. Journal of Physical Chemistry C, 2018, 122, 2959-2967.	3.1	27
18	Insight into Eu redox and Pr ³⁺ 5d emission in KSrPO ₄ by VRBE scheme construction. Dalton Transactions, 2018, 47, 306-313.	3.3	19

#	ARTICLE	IF	CITATIONS
19	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
20	Luminescence and Energy Transfer between Ce ³⁺ and Pr ³⁺ in BaY ₂ Si ₃ O ₁₀ under VUV-vis and X-ray Excitation. <i>Inorganic Chemistry</i> , 2018, 57, 8414-8421.	4.0	20
21	Site Occupation of Eu ²⁺ in Ba ²⁺ -xSr ^x SiO ₄ (x = 0-1.9) and Origin of Improved Luminescence Thermal Stability in the Intermediate Composition. <i>Inorganic Chemistry</i> , 2018, 57, 7090-7096.	4.0	42
22	VUV-UV-vis photoluminescence of Ce ³⁺ and Ce ³⁺ -Eu ²⁺ energy transfer in Ba ₂ MgSi ₂ O ₇ . <i>Journal of Luminescence</i> , 2017, 185, 251-257.	3.1	18
23	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
24	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
25	Luminescence properties and site occupancy of Ce ³⁺ in Ba ₂ SiO ₄ : a combined experimental and ab initio study. <i>RSC Advances</i> , 2017, 7, 25685-25693.	3.6	20
26	Alternative difference analysis scheme combining R-space EXAFS fit with global optimization XANES fit for X-ray transient absorption spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 818-824.	2.4	4
27	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
28	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
29	An ultrafast front-end ASIC for APD array detectors in X-ray time-resolved experiments. <i>Chinese Physics C</i> , 2017, 41, 066101.	3.7	5
30	Development of an integrated four-channel fast avalanche-photodiode detector system with nanosecond time resolution. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 870, 43-49.	1.6	9
31	Nonstoichiometric Cu _x In _y S Quantum Dots for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 4833-4838.	6.8	45
32	Photoinduced coherent acoustic phonon dynamics inside Mott insulator Sr ₂ IrO ₄ films observed by femtosecond X-ray pulses. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	3
33	Intense emission of Ba ₂ MgSi ₂ O ₇ :Eu ²⁺ under X-ray excitation for potential detecting applications. <i>Journal of Luminescence</i> , 2017, 183, 97-101.	3.1	13
34	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
35	Tracking Co(II) Intermediate in Operando in Photocatalytic Hydrogen Evolution by X-ray Transient Absorption Spectroscopy and DFT Calculation. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5253-5258.	4.6	44
36	Implementation of ultrafast X-ray diffraction at the 1W2B wiggler beamline of Beijing Synchrotron Radiation Facility. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 830-835.	2.4	10

#	ARTICLE	IF	CITATIONS
37	Spectral Properties and Energy Transfer of a Potential Solar Energy Converter. <i>Chemistry of Materials</i> , 2016, 28, 2834-2843.	6.7	50
38	Site Occupancies, Luminescence, and Thermometric Properties of $\text{LiY}_9(\text{SiO}_4)_6\text{O}_2:\text{Ce}^{3+}$ Phosphors. <i>Inorganic Chemistry</i> , 2016, 55, 10415-10424.	4.0	100
39	The Influence of Oxygen Vacancies on Luminescence Properties of $\text{Na}_3\text{LuSi}_3\text{O}_9:\text{Ce}^{3+}$. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18741-18747.	3.1	21
40	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
41	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
42	Luminescence and energy transfer of Ce^{3+} and Pr^{3+} in LaBSiO_5 . <i>Journal of Luminescence</i> , 2016, 177, 178-183.	3.1	7
43	Structural Basis of Reversible Phosphorylation by Maize Pyruvate Orthophosphate Dikinase Regulatory Protein. <i>Plant Physiology</i> , 2016, 170, 732-741.	4.8	10
44	Visible light-induced photochemical oxygen evolution from water by 3,4,9,10-perylenetetracarboxylic dianhydride nanorods as an n-type organic semiconductor. <i>Catalysis Science and Technology</i> , 2016, 6, 672-676.	4.1	16
45	Spectroscopy and Luminescence Dynamics of Ce^{3+} and Sm^{3+} in LiYSiO_4 . <i>Journal of Physical Chemistry C</i> , 2016, 120, 4529-4537.	3.1	75
46	Luminescence of Ce^{3+} -Doped $\text{MB}_2\text{Si}_2\text{O}_8$ (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
47	Host sensitization of Tb^{3+} through Gd^{3+} in $\text{Na}_3\text{Gd}(\text{BO}_3)_2:\text{Tb}^{3+}$. <i>Journal of Alloys and Compounds</i> , 2016, 654, 441-444.	5.5	14
48	Luminescent properties and energy transfer of Ce^{3+} -activated $\text{Li}_2\text{O}\cdot\text{B}_2\text{O}_3\cdot\text{Gd}_2\text{O}_3$ 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
49	Crystal structure of the <i>Locusta migratoria</i> odorant binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 737-742.	2.1	41
50	Luminescence and multi-step energy transfer in $\text{GdAl}_3(\text{BO}_3)_4$ doped with $\text{Ce}^{3+}/\text{Tb}^{3+}$. <i>Journal of Luminescence</i> , 2015, 161, 257-263.	3.1	24
51	Luminescence and X-ray absorption studies on 0.5% Ce^{3+} doped $\text{BaCa}_2\text{MgSi}_2\text{O}_8$ phosphor. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22035-22041.	2.8	16
52	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
53	Excitation wavelength dependent luminescence properties for Eu^{3+} -activated $\text{Ba}_2\text{Gd}_2\text{Si}_4\text{O}_{13}$ phosphor. <i>Journal of Materials Science</i> , 2015, 50, 4772-4778.	3.7	15
54	Recent advance of photochromic diarylethenes-containing supramolecular systems. <i>Chinese Chemical Letters</i> , 2015, 26, 817-824.	9.0	34

#	ARTICLE	IF	CITATIONS
55	Hydrothermal synthesis, X-ray absorption and luminescence properties of Tb ³⁺ doped LaPO ₄ . Journal of Luminescence, 2015, 165, 23-29.	3.1	8
56	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
57	VUV-vis photoluminescence, X-ray radioluminescence and energy transfer dynamics of Ce ³⁺ and Pr ³⁺ doped LiCaBO ₃ . Journal of Materials Chemistry C, 2015, 3, 9161-9169.	5.5	28
58	VUV-UV luminescence of Ce ³⁺ , Tb ³⁺ , Eu ³⁺ , and Dy ³⁺ doped GdOCl. Optical Materials, 2015, 50, 184-187.	3.6	3
59	Luminescence properties of an orange-red phosphor GdAl ₃ (BO ₃) ₄ :Sm ³⁺ under VUV excitation and energy transfer from Gd ³⁺ to Sm ³⁺ . Optical Materials, 2015, 39, 81-85.	3.6	20
60	Vectorial Electron Transfer for Improved Hydrogen Evolution by Mercaptopropionic Acid-Regulated CdSe Quantum Dots@TiO ₂ @Ni(OH) ₂ Assembly. ChemSusChem, 2015, 8, 642-649.	6.8	39
61	The Luminous and Magnetic Properties of Tb ³⁺ -Doped Four Angle Star-Like NaGd(WO ₄) ₄ . Journal of Nanoscience and Nanotechnology, 2014, 14, 3743-3747.	0.9	2
62	Visible Quantum Cutting and Energy Transfer in Tb ³⁺ -Doped K ₂ Sr ₂ (Gd ₂ Y ₂) ₂ (PO ₄) ₈ Under VUV-UV Excitation. Journal of the American Ceramic Society, 2014, 97, 3913-3917.	3.8	7
63	12.4: Surface Exciton Properties of MgO in ZnO@MgO Core-Shell Quantum Dots. Digest of Technical Papers SID International Symposium, 2014, 45, 142-145.	0.3	0
64	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
65	Luminescent characteristics and energy transfer of a red-emitting YVO ₄ :Sm ³⁺ , Eu ³⁺ phosphor. Journal of Luminescence, 2014, 152, 160-164.	3.1	38
66	Excited state dynamics of Gd ³⁺ and energy transfer efficiency from Gd ³⁺ to Tb ³⁺ in (La, Gd)PO ₄ :Tb ³⁺ . Journal of Luminescence, 2014, 152, 138-141.	3.1	10
67	Visible quantum cutting via downconversion in a novel green-emitting K ₂ Gd(WO ₄)(PO ₄):Tb ³⁺ phosphor. Materials Chemistry and Physics, 2014, 143, 476-479.	4.0	12
68	Eu ³⁺ -activated B ₂ O ₃ -GeO ₂ -RE ₂ O ₃ (RE=Y ³⁺ , La ³⁺ and Gd ³⁺) borogermanate scintillating glasses. Journal of Non-Crystalline Solids, 2014, 389, 72-77.	3.1	22
69	Energy Transfer and Tunable Luminescence of NaLa(PO ₃) ₄ :Tb ³⁺ /Eu ³⁺ under VUV and Low-Voltage Electron Beam Excitation. Journal of Physical Chemistry C, 2014, 118, 3220-3229.	3.1	96
70	Luminescence and electronic properties of Ba ₂ MgSi ₂ O ₇ :Eu ²⁺ : a combined experimental and hybrid density functional theory study. Journal of Materials Chemistry C, 2014, 2, 8328-8332.	5.5	35
71	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. Nanoscale, 2014, 6, 5907-5917.	5.6	38
72	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

#	ARTICLE	IF	CITATIONS
73	Hydrothermal synthesis, morphology and luminescent properties of GdAlO ₃ :Eu ³⁺ microcrystals. <i>Journal of Alloys and Compounds</i> , 2014, 614, 40-43.	5.5	15
74	Sensitization of Gd ³⁺ ions by Tb ³⁺ ions in Tb ³⁺ doped (La, Gd)PO ₄ . <i>Chemical Physics Letters</i> , 2014, 601, 21-25.	2.6	1
75	The energy transfer in the Sb ³⁺ and Eu ³⁺ co-activated YBO ₃ phosphor and their white luminescence for deep ultraviolet LEDs application. <i>Journal of Luminescence</i> , 2014, 149, 144-149.	3.1	13
76	Efficient energy transfer from the Pr ³⁺ 4f ⁵ d states to Eu ³⁺ via Gd ³⁺ in K ₂ GdF ₅ . <i>Journal of Luminescence</i> , 2014, 145, 620-625.	3.1	4
77	Low-voltage cathodoluminescence and Eu/Tb L ₃ -edge XANES of Na _{1+y} Ca _{1-x} ^{2y} EuxTbyPO ₄ . <i>Optical Materials</i> , 2014, 36, 839-844.	3.6	3
78	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
79	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. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7155.	5.5	46
80	An Electrochemical Immunosensor for Fullerenol Detection Based on the Generated Antibody. <i>Analytical Letters</i> , 2013, 46, 2213-2222.	1.8	4
81	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
82	A potential cyan-emitting phosphor Sr ₈ (Si ₄ O ₁₂)Cl ₈ :Eu ²⁺ for wide color gamut 3D-PDP and 3D-FED. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1305.	5.5	42
83	Surface exciton emission of MgO crystals. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 365501.	2.8	11
84	VUV-UV luminescence of Ce ³⁺ , Pr ³⁺ doped and Ce ³⁺ ←Pr ³⁺ codoped NaLa(PO ₃) ₄ . <i>Journal of Luminescence</i> , 2013, 143, 21-26.	3.1	16
85	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
86	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. <i>Materials Chemistry and Physics</i> , 2013, 142, 339-344.	4.0	15
87	Energy transfer and luminescent properties of Pr ³⁺ and/or Dy ³⁺ doped NaYF ₄ and NaGdF ₄ . <i>Journal of Rare Earths</i> , 2013, 31, 1125-1129.	4.8	5
88	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
89	Vacuum ultraviolet excited luminescence properties of Ca ₃ Gd ₇ (SiO ₄) ₅ (PO ₄)O ₂ :Re ³⁺ (Re ³⁺ =Tb ³⁺ , Dy ³⁺) phosphors. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1499-1503.	4.0	1
90	Influence of Gd ³⁺ on the visible quantum cutting in green-emitting silicate Na ₃ Gd _{0.9} xYxSi ₃ O ₉ :0.1Tb ³⁺ phosphors. <i>Materials Research Bulletin</i> , 2013, 48, 2139-2142.	5.2	6

#	ARTICLE	IF	CITATIONS
91	Investigation of the luminescence properties of Tb ³⁺ -doped Li ₆ Y(BO ₃) ₃ phosphors in VUV-UV range. <i>Journal of Luminescence</i> , 2013, 136, 51-56.	3.1	16
92	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
93	Mild hydrothermal synthesis and photoluminescence of needle-like Y(OH) _{1.1} F _{1.9} :Tb ³⁺ . <i>Materials Letters</i> , 2013, 100, 245-247.	2.6	8
94	Vibronic photoexcitation spectra of irradiated spinel MgO·nAl ₂ O ₃ (n=2) at low temperatures. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 305, 33-36.	1.4	3
95	Characterization of the Cu(I) and Zn(I) binding to the Amyloid-β ² short peptides by both the Extended X-ray Absorption Fine Structure and the Synchrotron Radiation Circular Dichroism spectroscopy. <i>Journal of Physics: Conference Series</i> , 2013, 430, 012041.	0.4	1
96	Luminescence and site occupancies of Eu ³⁺ in La ₂ CaB ₁₀ O ₁₉ . <i>Dalton Transactions</i> , 2013, 42, 12891.	3.3	38
97	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
98	Yellow-white emission of Ce ³⁺ and Eu ²⁺ doped Li ₂ SrSiO ₄ under low-voltage electron-beam excitation. <i>Optics Express</i> , 2012, 20, 15891.	3.4	20
99	Visible Quantum Cutting through Downconversion in GdBO ₃ :Tb ³⁺ . <i>Electrochemical and Solid-State Letters</i> , 2012, 15, B13.	2.2	6
100	Site occupancy and luminescence of Ce ³⁺ in NaSr ₄ (BO ₃) ₃ . <i>Journal Physics D: Applied Physics</i> , 2012, 45, 365301.	2.8	11
101	Luminescence of Eu ³⁺ in Two Different Sites of Na ₃ GdSi ₂ O ₇ and Gd ³⁺ -Eu ³⁺ Energy Transfer. <i>ECS Journal of Solid State Science and Technology</i> , 2012, 1, R27-R31.	1.8	10
102	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
103	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
104	13.4: Photoluminescent Properties of MgCaO for High-Resolution PDPs. <i>Digest of Technical Papers SID International Symposium</i> , 2012, 43, 161-164.	0.3	0
105	Photoluminescence properties of Al-rich AlXGa _{1-X} N grown on AlN/sapphire template by MOCVD. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 733-736.	0.8	1
106	A comparison of Ce ³⁺ luminescence in X ₂ Z(BO ₃) ₂ (X=Ba, Sr; Z=Ca, Mg) with relevant composition and structure. <i>Journal of Rare Earths</i> , 2012, 30, 1-5.	4.8	11
107	Luminescence and Morphology of BaMgAl ₁₀ O ₁₇ :Eu ²⁺ Phosphors Prepared from Different Phases of Al ₂ O ₃ . <i>Journal of the American Ceramic Society</i> , 2012, 95, 3197-3201.	3.8	11
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	Photoluminescence Characteristics of Ca ₉ Ln(PO ₄) ₇ :Tb ³⁺ (Ln ³⁺ =Y, Tm, Er, Ho, Gd, Tb, Dy, Sm, Eu, Ce, Pr, Nd, La). <i>Journal of Applied Physics</i> , 2011, 110, 113522.	2.2	8
111	Nanoprobes: Quantitatively Detecting the Femtogram Level of Arsenite Ions in Live Cells. <i>ACS Nano</i> , 2011, 5, 5560-5565.	14.6	19
112	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
113	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
114	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
115	Investigation of Na ₃ GdP ₂ O ₈ :Tb ³⁺ as a potential green-emitting phosphor for plasma display panels. <i>Materials Research Bulletin</i> , 2011, 46, 722-725.	5.2	19
116	The Mechanism of the Molecular Interaction between Cerium (III) and Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase (Rubisco). <i>Biological Trace Element Research</i> , 2011, 143, 1110-1120.	3.5	9
117	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
118	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
119	Ultraviolet-vacuum ultraviolet photoluminescence and x ray radioluminescence of Ce ³⁺ -doped Ba ₃ MgSi ₂ O ₈ . <i>Journal of Applied Physics</i> , 2011, 110, 113522.	2.5	12
120	Intense Cyan-Emitting of Li ₂ CaSiO ₄ :Eu ²⁺ Under Low-Voltage Cathode Ray Excitation. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, J69.	2.2	18
121	Fluorescence lifetime measurement from a designated single-bunch in the BEPC II colliding mode. <i>Chinese Physics C</i> , 2011, 35, 969-973.	3.7	0
122	Synthesis and Luminescent Properties of Eu ³⁺ -Doped NaCaPO ₄ Nano-Particles Under VUV-UV Excitation. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2223-2227.	0.9	6
123	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
124	Synchrotron radiation circular dichroism: a new tool for identification of point-mutation protein. <i>Procedia Engineering</i> , 2010, 7, 143-146.	1.2	0
125	Luminescence of Ce ³⁺ ion doped in SrZn ₂ (PO ₄) ₂ phosphor under excitation of vacuum ultraviolet. <i>Inorganic Materials</i> , 2010, 46, 983-987.	0.8	7
126	Visible Quantum Cutting in Tb ³⁺ -Doped BaGdB ₉ O ₁₆ via Downconversion. <i>Journal of the Electrochemical Society</i> , 2010, 157, J293.	2.9	15

#	ARTICLE	IF	CITATIONS
127	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
128	Luminescent metastable Y ₂ WO ₆ :Ln ³⁺ (Ln = Eu, Er, Sm, and Dy) microspheres with controllable morphology via self-assembly. Journal of Materials Chemistry, 2010, 20, 10894.	6.7	49
129	The Quantum Cutting of Tb ³⁺ in Ca ₆ Ln ₂ Na ₂ (PO ₄) ₆ F ₂ (Ln = Tj ETQq1 1 0.784314 rgBT 4.0 82	4.0	82
130	Vacuum Ultraviolet-Visible Spectroscopic Properties of Tb ³⁺ in Li(Y, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Gd)(P of Physical Chemistry C, 2010, 114, 6770-6777.	3.1	65
131	Morphologies of GdBO ₃ :Eu ³⁺ one-dimensional nanomaterials. Journal of Alloys and Compounds, 2010, 489, L9-L12.	5.5	27
132	Spectroscopic parameters of Ce ³⁺ ion doped Na ₂ CaMg(PO ₄) ₂ phosphor. Journal of Alloys and Compounds, 2010, 500, 134-137.	5.5	36
133	ATP-induced noncooperative thermal unfolding of hen lysozyme. Biochemical and Biophysical Research Communications, 2010, 397, 598-602.	2.1	8
134	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
135	SRCD2009. Synchrotron Radiation News, 2009, 22, 2-4.	0.8	1
136	Developing VUV spectroscopy for protein folding and material luminescence on beamline 4B8 at the Beijing Synchrotron Radiation Facility. Journal of Synchrotron Radiation, 2009, 16, 857-863.	2.4	66
137	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 ETQq1 1 0.784314 rgBT 3.6 26	3.6	26
138	N114S mutation causes loss of ATP-induced aggregation of human phosphoribosylpyrophosphate synthetase 1. Biochemical and Biophysical Research Communications, 2009, 379, 1120-1125.	2.1	10
139	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
140	Ca ₆ Gd ₁₅ Tb ₀₅ Na ₂ (PO ₄) ₆ F ₂ an intense green-emitting phosphor under vacuum ultraviolet and low-voltage cathode ray excitation. Optics Letters, 2009, 34, 3466.	3.3	17
141	NaGd(PO ₃) ₄ :Tb ³⁺ A new promising green phosphor for PDPs application. Chemical Physics Letters, 2008, 453, 192-196.	2.6	44
142	Intensive emission of Dy ³⁺ in NaGd(PO ₃) ₄ for Hg-free lamps application. Optics Express, 2008, 16, 7508.	3.4	59
143	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
144	Photon Cascade Emission of Gd ³⁺ in Na(Y,Gd)FPO ₄ . Journal of Physical Chemistry C, 2008, 112, 12524-12529.	3.1	57

#	ARTICLE	IF	CITATIONS
145	Vacuum Ultraviolet and Ultraviolet Spectroscopy of Tb ³⁺ - and Eu ³⁺ -Doped Na(Sr,Ba)PO ₄ Phosphate. Japanese Journal of Applied Physics, 2008, 47, 6364-6368.	1.5	4
146	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
147	High Photon Flux Beamline 4B8 for Vacuum Ultraviolet Spectroscopy at BSRF. AIP Conference Proceedings, 2007, , .	0.4	3
148	Synchrotron Radiation Circular Dichroism (SRCD) spectroscopy: New beamlines and new applications in biology. Spectroscopy, 2007, 21, 245-255.	0.8	85
149	The 4f5d configuration and VUV absorption of Pr ³⁺ in YPO ₄ . Journal of Luminescence, 2007, 122-123, 25-27.	3.1	4
150	Luminescent materials and spectroscopic properties of Dy ³⁺ ion. Journal of Luminescence, 2007, 122-123, 927-930.	3.1	92
151	The luminescence of CaYBO ₄ :RE ³⁺ (REEu, Gd, Tb, Ce) in VUV-“visible region. Journal of Luminescence, 2007, 126, 196-202.	3.1	34
152	EXAFS structure refinement supplemented by computational chemistry. Physical Review B, 2006, 74, .	3.2	24
153	The VUV-“vis luminescent properties of Ln ³⁺ (Ln=Ce, Pr, Tb) in Sr _{0.96} Na _{0.02} Ln _{0.02} B ₄ O ₇ . Journal of Alloys and Compounds, 2006, 425, 307-313.	5.5	5
154	The VUV-“vis spectroscopic properties of phosphors Ca ₃ Gd ₂ (1- \hat{x})Ln _{2x} (BO ₃) ₄ (Ln ³⁺ =Ce, Sm, Eu, Tb). Materials Research Bulletin, 2006, 41, 1468-1475.	5.2	20
155	Preparation and characterization of optical spectroscopy of Lu ₂ O ₃ :Eu nanocrystals. Journal of Solid State Chemistry, 2005, 178, 477-482.	2.9	40
156	The luminescent properties of Ba ₃ Gd _{1-\hat{x}} Ln _x (PO ₄) ₃ under synchrotron radiation VUV excitation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 119, 152-158.	3.5	26
157	Temperature dependence of luminescence from scintillator LSO:Ce under VUV excitation. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 905-908.	1.7	7
158	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
159	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
160	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
161	The luminescent properties of lanthanide ions activated BaBPO ₅ in VUV-“Vis range. Journal of Physics and Chemistry of Solids, 2004, 65, 1071-1076.	4.0	25
162	VUV excited luminescence of MGdF ₄ :Eu ³⁺ (M=Na, K, NH ₄). Journal of Luminescence, 2004, 110, 95-99.	3.1	35

#	ARTICLE	IF	CITATIONS
163	Photoluminescence of Ce ³⁺ , Pr ³⁺ and Tb ³⁺ activated Sr ₃ Ln(PO ₄) ₃ under VUV-UV excitation. Journal of Solid State Chemistry, 2004, 177, 901-908.	2.9	112
164	Synthesis, structure and VUV luminescent properties of rubidium rare-earth fluorides. Journal of Solid State Chemistry, 2004, 177, 2777-2782.	2.9	20
165	The optical spectroscopic properties of rare earth-activated barium orthophosphate in VUV-Vis range. Materials Research Bulletin, 2003, 38, 797-805.	5.2	36
166	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
167	Visible quantum cutting in BaF ₂ :Gd, Eu via downconversion. Journal of Luminescence, 2003, 101, 155-159.	3.1	63
168	Correlation between Size-Dependent Luminescent Properties and Local Structure around Eu ³⁺ Ions in YBO ₃ :Eu Nanocrystals: An XAFS Study. Chemistry of Materials, 2003, 15, 3011-3017.	6.7	64
169	Tuning the Valence of the Cerium Center in (Na)phthalocyaninato and Porphyrinato Cerium Double-Deckers by Changing the Nature of the Tetrapyrrole Ligands. Journal of the American Chemical Society, 2003, 125, 12257-12267.	13.7	158
170	Size dependence of luminescent properties for hexagonal YBO ₃ :Eu nanocrystals in the vacuum ultraviolet region. Journal of Applied Physics, 2003, 93, 9783-9788.	2.5	66
171	VUV excited luminescence of europium activated calcium borophosphate prepared in air. Journal of Alloys and Compounds, 2002, 334, 293-298.	5.5	19
172	Hydrothermal synthesis and luminescence properties of NaGdF ₄ :Eu. Journal of Alloys and Compounds, 2002, 343, 151-155.	5.5	46
173	Preparation of divalent rare earth ions in air by aliovalent substitution and spectroscopic properties of Ln ²⁺ . Journal of Alloys and Compounds, 2002, 344, 132-136.	5.5	95
174	Luminescent Properties of the BaMgAl ₁₀ O ₁₇ :Eu ²⁺ , M ³⁺ (M = Nd, Er) Phosphor in the VUV Region. Chemistry of Materials, 2002, 14, 3005-3008.	6.7	98
175	VUV-UV Photoluminescence Spectra of Strontium Orthophosphate Doped with Rare Earth Ions. Journal of Solid State Chemistry, 2002, 167, 435-440.	2.9	42
176	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
177	Composition, Characteristic and Activity of Rare Earth Element-Bound Polysaccharide from Tea. Bioscience, Biotechnology and Biochemistry, 2001, 65, 1987-1992.	1.3	20
178	Effect of Lanthanide Chloride on Photosynthesis and Dry Matter Accumulation in Tobacco Seedlings. Biological Trace Element Research, 2001, 79, 169-176.	3.5	58
179	The EXAFS Study on the Local Structure of Lanthanum in Spinach PSII. Biological Trace Element Research, 2001, 82, 231-237.	3.5	4
180	EXAFS studies of luminescence centres in Eu ³⁺ doped nanoscale phosphors. Materials Letters, 1996, 28, 137-140.	2.6	50