Dangli Gao

List of Publications by Year in descending order

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62	1,013	430874	454955
papers	citations	18 h-index	30 g-index

63	63	63	893
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Yb3+/Er3+ codoped Î²-NaYF4 microrods: Synthesis and tuning of multicolor upconversion. Journal of Alloys and Compounds, 2013, 554, 395-399.	5.5	89
2	Formation of Bundle-Shaped Î²-NaYF₄ Upconversion Microtubes via Ostwald Ripening. ACS Applied Materials & Interfaces, 2013, 5, 9732-9739.	8.0	88
3	Quintuple-mode dynamic anti-counterfeiting using multi-mode persistent phosphors. Journal of Materials Chemistry C, 2021, 9, 16634-16644.	5.5	55
4	Fluorescence enhancement of Ln3+ doped nanoparticles. Journal of Luminescence, 2011, 131, 423-428.	3.1	46
5	Efficient fluorescence emission and photon conversion of LaOF:Eu3+ nanocrystals. Applied Physics Letters, 2011, 98, 011907.	3.3	44
6	Tuning upconversion emission by controlling particle shape in NaYF4:Yb3+/Er3+ nanocrystals. Journal of Applied Physics, 2012, 111, .	2.5	41
7	Upconversion improvement by the reduction of Na+-vacancies in Mn2+ doped hexagonal NaYbF4:Er3+ nanoparticles. Dalton Transactions, 2015, 44, 4133-4140.	3.3	40
8	Simultaneous spectra and dynamics processes tuning of a single upconversion microtube through Yb³⁺ doping concentration and excitation power. Physical Chemistry Chemical Physics, 2017, 19, 4288-4296.	2.8	39
9	Codopant ion-induced tunable upconversion emission in Î²-NaYF₄:Yb³⁺/Tm³⁺nanorods. Dalton Transactions, 2013, 42, 1834-1841.	3.3	38
10	Simultaneous quasi-one-dimensional propagation and tuning of upconversion luminescence through waveguide effect. Scientific Reports, 2016, 6, 22433.	3.3	36
11	Luminescence enhancement and quenching by codopant ions in lanthanide doped fluoride nanocrystals. Nanotechnology, 2011, 22, 175702.	2.6	32
12	Achieving opto-responsive multimode luminescence in Zn1+Ga2â^'2Ge O4:Mn persistent phosphors for advanced anti-counterfeiting and information encryption. Materials Today Physics, 2022, 27, 100765.	6.0	29
13	The novel upconversion properties of LiYbF4:Er microcrystals compared to the Na counterpart. CrystEngComm, 2012, 14, 8357.	2.6	26
14	pH- and surfactant-mediated tunable morphology and upconversion of rare-earth doped fluoride microcrystals. RSC Advances, 2013, 3, 14757.	3.6	26
15	Spatial control of upconversion emission in a single fluoride microcrystalviathe excitation mode and native interference effect. Journal of Materials Chemistry C, 2018, 6, 622-629.	5.5	26
16	Rare-earth doped LaF₃ hollow hexagonal nanoplates: hydrothermal synthesis and photoluminescence properties. CrystEngComm, 2014, 16, 7106-7114.	2.6	24
17	Optical Dephasing of Triply Ionized Rare Earths in Transparent Glass Ceramics Containing LaF₃ Nanocrystals. Journal of Nanoscience and Nanotechnology, 2008, 8, 1214-1217.	0.9	23
18	Down- and up-conversion luminescence of Tm3+/Ho3+ codoped LaOF nanoparticles. Journal of Applied Physics, 2010, 107, .	2.5	20

#	Article	IF	Citations
19	Tuning multicolour emission of Zn₂GeO₄:Mn phosphors by Li⁺ doping for information encryption and anti-counterfeiting applications. Dalton Transactions, 2022, 51, 553-561.	3.3	20
20	A novel time-integral type laser energy meter based on anisotropic Seebeck effect. Optics and Laser Technology, 2008, 40, 844-849.	4.6	18
21	Tuning the electronic and magnetic properties of germanene by surface adsorption of small nitrogen-based molecules. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 88, 237-242.	2.7	18
22	Zinc Germanate Nanophosphors with Persistent Luminescence for Multi-Mode Imaging of Latent Fingerprints. ACS Applied Nano Materials, 2022, 5, 9929-9939.	5.0	18
23	Up/down conversion switching by adjusting the pulse width of red laser beams in LaF_3:Tm^3+ nanocrystals. Optics Letters, 2015, 40, 3580.	3.3	17
24	Excitation-power mediated optical hysteresis behavior in a single one-dimensional upconverting microcrystal. Journal of Materials Chemistry C, 2018, 6, 8011-8019.	5.5	16
25	Time-integral type strongly correlated electronic thin-film laser energy meter. Applied Physics B: Lasers and Optics, 2012, 108, 649-655.	2.2	15
26	The effects of structural characterization on the luminescence of Eu³⁺-doped fluoride nano/microcrystals. CrystEngComm, 2014, 16, 11115-11121.	2.6	13
27	Enhancing the red upconversion luminescence of hybrid porous microtubes via an in situ O-substituted reaction through heat treatment. Journal of Materials Chemistry C, 2020, 8, 17318-17324.	5.5	12
28	Fluorescence characteristics of Tm3+ in different local environments. Journal of Applied Physics, 2008, 104, 013506.	2.5	11
29	Invisibility Cloak Technology of Anti-Infrared Detection Materials Prepared Using CoGaZnSe Multilayer Nanofilms. ACS Applied Materials & Interfaces, 2021, 13, 40145-40154.	8.0	11
30	Strong Photoluminescence Through Up and Down Conversion in Tm³⁺/Ho³⁺:LaOF Nanoparticles. Journal of Nanoscience and Nanotechnology, 2010, 10, 7694-7697.	0.9	10
31	Enhancing the static green up-conversion luminescence of NaY(MoO₄)₂:Yb/Er microcrystals via an annealing strategy for anti-counterfeiting applications. Dalton Transactions, 2021, 50, 7826-7834.	3.3	10
32	Extending the color response range of Yb3+ concentration-dependent multimodal luminescence in Yb/Er doped fluoride microrods by annealing treatment. Ceramics International, 2021, 47, 32000-32007.	4.8	10
33	Dynamic tailorable local luminescence patterns on single upconversion fluoride microcrystals via in situ oxidation through laser irradiation. Journal of Materials Chemistry C, 2019, 7, 11879-11886.	5.5	9
34	Tuning Multicolor Emission of Manganese-Activated Gallogermanate Nanophosphors by Regulating Mn Ions Occupying Sites for Multiple Anti-Counterfeiting Application. Nanomaterials, 2022, 12, 2029.	4.1	9
35	Spectral tuning via multi-phonon-assisted stokes and anti-stokes excitations in LaF3: Tm3+ nanoparticles. Journal of Alloys and Compounds, 2016, 678, 212-218.	5.5	8
36	Up-conversion luminescence performance and application of GdOF:Yb,Er porous spheres obtained by calcining NaGdF4:Yb,Er microcrystals. Applied Surface Science, 2022, 587, 152820.	6.1	8

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37	Tuning the luminescence spectra and spatial patterns of NaYF4 upconversion microrod arrays via morphology and Yb3+ concentration control. Materialia, 2020, 9, 100601.	2.7	6
38	Effect of Mn doping defect on 180Â° domain wall in ferroelectric PbTiO3. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126279.	2.1	6
39	Simultaneous luminescence enhancement and lifetime tuning of deep UV-NIR upconversion through controlling dopant concentration. Journal of Luminescence, 2021, 238, 118261.	3.1	6
40	Luminescence selective output characteristics tuned by laser pulse width in Tm3+ doped NaYF4 nanorods. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 204205.	0.5	5
41	Spectroscopic study of thulium doped transparent glass ceramics. Chinese Physics B, 2008, 17, 4328-4332.	1.4	4
42	The Influence of Synthesizing Processes on the Spectroscopic Property of Tetragonal LaOF:Eu3+ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 9621-9625.	0.9	4
43	Pr³⁺/Yb³⁺ Co-Doped <I>Î²</I>-Phase NaYF₄ Microprisms: Controlled Synthesis and Upconversion Luminescence. Journal of Nanoscience and Nanotechnology, 2014, 14, 4308-4312.	0.9	4
44	Constructing latticeâ€mismatched upconversion luminescence heterojunctions via light welding in seconds. Nano Select, 2021, 2, 398-405.	3.7	4
45	Strain effect on the electronic and optical properties of Germanene/MoS2 heterobilayer. Materials Today Communications, 2021, 26, 101845.	1.9	3
46	The effectively optical emission modulation in perovskite MAPbBr‹sub›3‹/sub› crystal by hot-electron transfer from metals. Journal Physics D: Applied Physics, 2022, 55, 375104.	2.8	3
47	Spectroscopic Study of Eu‹sup›3+‹/sup› Doped LaF‹sub›3‹/sub› Nanoparticles Prepared with Different PH Values. Journal of Nanoscience and Nanotechnology, 2011, 11, 9808-9812.	0.9	2
48	The enhancement effect of Tm³⁺ on the fluorescence emission of Eu³⁺ in fluoride nanoparticles. Chinese Science Bulletin, 2010, 55, 978-983.	0.7	2
49	Spectroscopic exploration of upconversion luminescence behavior of rare earth-doped single-particle micro/nanocrystals. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 183301.	0.5	2
50	Spectroscopic study of local thermal effect in transparent glass ceramics containing nanoparticles. Chinese Physics B, 2007, 16, 3134-3137.	1.3	1
51	A high-performance laser energy meter based on anisotropic Seebeck effect in a strongly correlated electronic thin film. Applied Physics A: Materials Science and Processing, 2013, 113, 347-353.	2.3	1
52	Determination of charge-compensated C 3Ï... (II) centers for Er3+ ions in CdF2 and CaF2 crystals*. Chinese Physics B, 2021, 30, 037601.	1.4	1
53	The influence of local structure and intrinsic crystal-field on the EPR parameters for Nd3+ ions in Bi4Ge3O12 crystal. Computational and Theoretical Chemistry, 2021, 1198, 113181.	2.5	1
54	Spectroscopic exploration of growth mechanism of LaF₃ nanocrystals embedded in glass ceramics under restricted conditions. Chinese Science Bulletin, 2014, 59, 43-49.	0.7	1

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55	Theoretical calculations on isotope shifts of Mg I by using relativistic multiconfiguration Dirac-Hartree-Fock method. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 113101.	0.5	1
56	Calculationof isotope shift of Mg+ ion by using the relativistic multi-configuration interaction method. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 013101.	0.5	1
57	Mn ions' site and valence in PbTiO3 based on the native vacancy defects. Condensed Matter Physics, 2021, 24, 23705.	0.7	0
58	Influence of local environment on the temperature- dependent fluorescence properties of Tm³⁺-doped transparent oxyfluoride glass ceramics containing LaF₃ nanocrystals. Chinese Science Bulletin, 2009, 54, 2183-2187.	0.7	0
59	Influence of Yb3+Concentration on the Fluorescence Emission of Tm3+in Tm3+/Yb3+âˆ¶LaF3Nanoparticals. Guangzi Xuebao/Acta Photonica Sinica, 2010, 39, 508-512.	0.3	0
60	Controlling The Fluorescence Emission of Rare Earth Doped Nanocrystals. Chinese Journal of Luminescence, 2012, 33, 115-121.	0.5	0
61	Effect of host matrix on Yb3+ concentration controlled red to green luminescence ratio. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 084203.	0.5	0
62	Regulation of sensitivity of Yb concentration to power-dependent upconversion luminescence colors. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 223201.	0.5	0