

# Dangli Gao

## List of Publications by Year in descending order

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62  
papers

1,013  
citations

430874

18  
h-index

454955

30  
g-index

63  
all docs

63  
docs citations

63  
times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning multicolour emission of Zn <sub>2</sub> GeO <sub>4</sub> :Mn phosphors by Li <sup>+</sup> doping for information encryption and anti-counterfeiting applications. Dalton Transactions, 2022, 51, 553-561.	3.3	20
2	Up-conversion luminescence performance and application of GdOF:Yb,Er porous spheres obtained by calcining NaGdF <sub>4</sub> :Yb,Er microcrystals. Applied Surface Science, 2022, 587, 152820.	6.1	8
3	Zinc Germanate Nanophosphors with Persistent Luminescence for Multi-Mode Imaging of Latent Fingerprints. ACS Applied Nano Materials, 2022, 5, 9929-9939.	5.0	18
4	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
5	Achieving opto-responsive multimode luminescence in Zn <sub>1+Ga</sub> GeO <sub>4</sub> :Mn persistent phosphors for advanced anti-counterfeiting and information encryption. Materials Today Physics, 2022, 27, 100765.	6.0	29
6	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
7	Constructing lattice-mismatched upconversion luminescence heterojunctions via light welding in seconds. Nano Select, 2021, 2, 398-405.	3.7	4
8	Strain effect on the electronic and optical properties of Germanene/MoS <sub>2</sub> heterobilayer. Materials Today Communications, 2021, 26, 101845.	1.9	3
9	Mn ions' site and valence in PbTiO <sub>3</sub> based on the native vacancy defects. Condensed Matter Physics, 2021, 24, 23705.	0.7	0
10	Enhancing the static green up-conversion luminescence of NaY(MoO <sub>4</sub> ) <sub>2</sub> :Yb/Er microcrystals via an annealing strategy for anti-counterfeiting applications. Dalton Transactions, 2021, 50, 7826-7834.	3.3	10
11	Determination of charge-compensated C <sub>3i</sub> ... (II) centers for Er <sup>3+</sup> ions in CdF <sub>2</sub> and CaF <sub>2</sub> crystals*. Chinese Physics B, 2021, 30, 037601.	1.4	1
12	The influence of local structure and intrinsic crystal-field on the EPR parameters for Nd <sup>3+</sup> ions in Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> crystal. Computational and Theoretical Chemistry, 2021, 1198, 113181.	2.5	1
13	Invisibility Cloak Technology of Anti-Infrared Detection Materials Prepared Using CoGaZnSe Multilayer Nanofilms. ACS Applied Materials & Interfaces, 2021, 13, 40145-40154.	8.0	11
14	Simultaneous luminescence enhancement and lifetime tuning of deep UV-NIR upconversion through controlling dopant concentration. Journal of Luminescence, 2021, 238, 118261.	3.1	6
15	Extending the color response range of Yb <sup>3+</sup> concentration-dependent multimodal luminescence in Yb/Er doped fluoride microrods by annealing treatment. Ceramics International, 2021, 47, 32000-32007.	4.8	10
16	Quintuple-mode dynamic anti-counterfeiting using multi-mode persistent phosphors. Journal of Materials Chemistry C, 2021, 9, 16634-16644.	5.5	55
17	Enhancing the red upconversion luminescence of hybrid porous microtubes via an in situ O <sup>2-</sup> -substituted reaction through heat treatment. Journal of Materials Chemistry C, 2020, 8, 17318-17324.	5.5	12
18	Tuning the luminescence spectra and spatial patterns of NaYF <sub>4</sub> upconversion microrod arrays via morphology and Yb <sup>3+</sup> concentration control. Materialia, 2020, 9, 100601.	2.7	6

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19	Effect of Mn doping defect on 180° domain wall in ferroelectric PbTiO <sub>3</sub> . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126279.	2.1	6
20	Dynamic tailorable local luminescence patterns on single upconversion fluoride microcrystals via in situ oxidation through laser irradiation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11879-11886.	5.5	9
21	Spatial control of upconversion emission in a single fluoride microcrystal via the excitation mode and native interference effect. <i>Journal of Materials Chemistry C</i> , 2018, 6, 622-629.	5.5	26
22	Excitation-power mediated optical hysteresis behavior in a single one-dimensional upconverting microcrystal. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8011-8019.	5.5	16
23	Spectroscopic exploration of upconversion luminescence behavior of rare earth-doped single-particle micro/nanocrystals. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2018, 67, 183301.	0.5	2
24	Calculation of isotope shift of Mg <sup>+</sup> ion by using the relativistic multi-configuration interaction method. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2018, 67, 013101.	0.5	1
25	Effect of host matrix on Yb <sup>3+</sup> concentration controlled red to green luminescence ratio. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2018, 67, 084203.	0.5	0
26	Regulation of sensitivity of Yb concentration to power-dependent upconversion luminescence colors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2018, 67, 223201.	0.5	0
27	Simultaneous spectra and dynamics processes tuning of a single upconversion microtube through Yb <sup>3+</sup> doping concentration and excitation power. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4288-4296.	2.8	39
28	Tuning the electronic and magnetic properties of germanene by surface adsorption of small nitrogen-based molecules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 88, 237-242.	2.7	18
29	Theoretical calculations on isotope shifts of Mg I by using relativistic multiconfiguration Dirac-Hartree-Fock method. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2017, 66, 113101.	0.5	1
30	Simultaneous quasi-one-dimensional propagation and tuning of upconversion luminescence through waveguide effect. <i>Scientific Reports</i> , 2016, 6, 22433.	3.3	36
31	Spectral tuning via multi-phonon-assisted Stokes and anti-Stokes excitations in LaF <sub>3</sub> : Tm <sup>3+</sup> nanoparticles. <i>Journal of Alloys and Compounds</i> , 2016, 678, 212-218.	5.5	8
32	Luminescence selective output characteristics tuned by laser pulse width in Tm <sup>3+</sup> doped NaYF <sub>4</sub> nanorods. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2016, 65, 204205.	0.5	5
33	Upconversion improvement by the reduction of Na <sup>+</sup> -vacancies in Mn <sup>2+</sup> doped hexagonal NaYbF <sub>4</sub> :Er <sup>3+</sup> nanoparticles. <i>Dalton Transactions</i> , 2015, 44, 4133-4140.	3.3	40
34	Up/down conversion switching by adjusting the pulse width of red laser beams in LaF <sub>3</sub> :Tm <sup>3+</sup> nanocrystals. <i>Optics Letters</i> , 2015, 40, 3580.	3.3	17
35	Pr <sup>3+</sup> /Yb <sup>3+</sup> Co-Doped $\beta$ -Phase NaYF <sub>4</sub> Nanoprisms: Controlled Synthesis and Upconversion Luminescence. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4308-4312.	0.9	4
36	The effects of structural characterization on the luminescence of Eu <sup>3+</sup> -doped fluoride nano/microcrystals. <i>CrystEngComm</i> , 2014, 16, 11115-11121.	2.6	13

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37	Rare-earth doped LaF <sub>3</sub> hollow hexagonal nanoplates: hydrothermal synthesis and photoluminescence properties. CrystEngComm, 2014, 16, 7106-7114.	2.6	24
38	Spectroscopic exploration of growth mechanism of LaF <sub>3</sub> nanocrystals embedded in glass ceramics under restricted conditions. Chinese Science Bulletin, 2014, 59, 43-49.	0.7	1
39	pH- and surfactant-mediated tunable morphology and upconversion of rare-earth doped fluoride microcrystals. RSC Advances, 2013, 3, 14757.	3.6	26
40	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
41	Formation of Bundle-Shaped $\text{Yb}^{2+}\text{-NaYF}_4$ Upconversion Microtubes via Ostwald Ripening. ACS Applied Materials & Interfaces, 2013, 5, 9732-9739.	8.0	88
42	Codopant ion-induced tunable upconversion emission in $\text{Yb}^{3+}/\text{Tm}^{3+}$ nanorods. Dalton Transactions, 2013, 42, 1834-1841.	3.3	38
43	Yb <sup>3+</sup> /Er <sup>3+</sup> codoped $\text{Yb}^{2+}\text{-NaYF}_4$ microrods: Synthesis and tuning of multicolor upconversion. Journal of Alloys and Compounds, 2013, 554, 395-399.	5.5	89
44	Time-integral type strongly correlated electronic thin-film laser energy meter. Applied Physics B: Lasers and Optics, 2012, 108, 649-655.	2.2	15
45	The novel upconversion properties of LiYbF <sub>4</sub> :Er microcrystals compared to the Na counterpart. CrystEngComm, 2012, 14, 8357.	2.6	26
46	Tuning upconversion emission by controlling particle shape in NaYF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanocrystals. Journal of Applied Physics, 2012, 111, .	2.5	41
47	Controlling The Fluorescence Emission of Rare Earth Doped Nanocrystals. Chinese Journal of Luminescence, 2012, 33, 115-121.	0.5	0
48	Luminescence enhancement and quenching by codopant ions in lanthanide doped fluoride nanocrystals. Nanotechnology, 2011, 22, 175702.	2.6	32
49	The Influence of Synthesizing Processes on the Spectroscopic Property of Tetragonal LaOF:Eu <sup>3+</sup> Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 9621-9625.	0.9	4
50	Fluorescence enhancement of Ln <sup>3+</sup> doped nanoparticles. Journal of Luminescence, 2011, 131, 423-428.	3.1	46
51	Efficient fluorescence emission and photon conversion of LaOF:Eu <sup>3+</sup> nanocrystals. Applied Physics Letters, 2011, 98, 011907.	3.3	44
52	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
53	Strong Photoluminescence Through Up and Down Conversion in $\text{Tm}^{3+}/\text{Ho}^{3+}:\text{LaOF}$ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2010, 10, 7694-7697.	0.9	10
54	Down- and up-conversion luminescence of Tm <sup>3+</sup> /Ho <sup>3+</sup> codoped LaOF nanoparticles. Journal of Applied Physics, 2010, 107, .	2.5	20

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55	The enhancement effect of $Tm^{3+}$ on the fluorescence emission of $Eu^{3+}$ in fluoride nanoparticles. Chinese Science Bulletin, 2010, 55, 978-983.	0.7	2
56	Influence of $Yb^{3+}$ Concentration on the Fluorescence Emission of $Tm^{3+}$ in $Tm^{3+}/Yb^{3+} : LaF_3$ Nanoparticles. Guangzi Xuebao/Acta Photonica Sinica, 2010, 39, 508-512.	0.3	0
57	Influence of local environment on the temperature- dependent fluorescence properties of $Tm^{3+}$ -doped transparent oxyfluoride glass ceramics containing $LaF_3$ nanocrystals. Chinese Science Bulletin, 2009, 54, 2183-2187.	0.7	0
58	A novel time-integral type laser energy meter based on anisotropic Seebeck effect. Optics and Laser Technology, 2008, 40, 844-849.	4.6	18
59	Spectroscopic study of thulium doped transparent glass ceramics. Chinese Physics B, 2008, 17, 4328-4332.	1.4	4
60	Fluorescence characteristics of $Tm^{3+}$ in different local environments. Journal of Applied Physics, 2008, 104, 013506.	2.5	11
61	Optical Dephasing of Triply Ionized Rare Earths in Transparent Glass Ceramics Containing $LaF_3$ Nanocrystals. Journal of Nanoscience and Nanotechnology, 2008, 8, 1214-1217.	0.9	23
62	Spectroscopic study of local thermal effect in transparent glass ceramics containing nanoparticles. Chinese Physics B, 2007, 16, 3134-3137.	1.3	1