Ting Gao

List of Publications by Year
in descending order

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52	1,032	361413 20	434195 31
papers	citations	h-index	g-index

52	52	52	1077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Highly Luminescent Chiral Tetrahedral Eu₄L₄(Lâ€²)₄ Cage: Chirality Induction, Chirality Memory, and Circularly Polarized Luminescence. Journal of the American Chemical Society, 2019, 141, 19634-19643.	13.7	160
2	N,Nâ€²-Ethylene-bis(3-methoxysalicylideneimine) mononuclear (4f) and heterodinuclear (3dâ€“4f) metal complexes: Synthesis, crystal structure and luminescent properties. Inorganica Chimica Acta, 2008, 361, 2051-2058.	2.4	58
3	Structural effects on the photophysical properties of mono-Î²-diketonate and bis-Î²-diketonate Eu^{III} complexes. Physical Chemistry Chemical Physics, 2015, 17, 16136-16144.	2.8	53
4	A new strategy for achieving white-light emission of lanthanide complexes: effective control of energy transfer from blue-emissive fluorophore to Eu(<scp>iii</scp>) centres. Journal of Materials Chemistry C, 2015, 3, 1799-1806.	5.5	47
5	A series of dinuclear lanthanide(<scp>iii</scp>) complexes constructed from Schiff base and Î²-diketonate ligands: synthesis, structure, luminescence and SMM behavior. CrystEngComm, 2016, 18, 4627-4635.	2.6	45
6	Synthesis, characterization and fluorescence of lanthanide Schiff-base complexes. Journal of Coordination Chemistry, 2007, 60, 1973-1982.	2.2	43
7	Chiral BINAPO-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Triple-Stranded Europium(III) Podates. Inorganic Chemistry, 2018, 57, 8332-8337.	4.0	40
8	Eu(III) Tetrahedron Cage as a Luminescent Chemosensor for Rapidly Reversible and Turn-On Detection of Volatile Amine/NH₃. ACS Applied Materials & Interfaces, 2020, 12, 15338-15347.	8.0	40
9	Aggregation-induced white-light emission from the triple-stranded dinuclear Sm(<scp>iii</scp>) complex. Dalton Transactions, 2014, 43, 12228.	3.3	39
10	Enhancement of near-infrared luminescence of ytterbium in triple-stranded binuclear helicates. Physical Chemistry Chemical Physics, 2015, 17, 30510-30517.	2.8	38
11	White-light emission based on a single component Sm(<scp>iii</scp>) complex and enhanced optical properties by doping methods. CrystEngComm, 2019, 21, 964-970.	2.6	38
12	A light triggered optical and chiroptical switch based on a homochiral Eu₂L₃ helicate. Journal of Materials Chemistry C, 2020, 8, 6788-6796.	5.5	29
13	Visible light sensitized near-infrared luminescence of ytterbium via ILCT states in quadruple-stranded helicates. Dalton Transactions, 2019, 48, 4026-4034.	3.3	27
14	Point Chirality Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Quadruple-Stranded Europium(III) Helicates. Inorganic Chemistry, 2020, 59, 12850-12857.	4.0	27
15	Preorganized helical chirality controlled homochiral self-assembly and circularly polarized luminescence of a quadruple-stranded Eu₂L₄ helicate. Dalton Transactions, 2020, 49, 3312-3320.	3.3	26
16	Syntheses, structure and near-infrared (NIR) luminescence of Er2, Yb2, ErYb of homodinuclear and heterodinuclear lanthanide(iii) complexes based on salen ligand. CrystEngComm, 2013, 15, 6213.	2.6	25
17	A series of lanthanide(<scp>iii</scp>) complexes constructed from Schiff base and Î²-diketonate ligands. CrystEngComm, 2014, 16, 10460-10468.	2.6	23
18	Synthesis, structure, and tunable white light emission of heteronuclear Zn₂Ln₂ arrays using a zinc complex as ligand. CrystEngComm, 2016, 18, 917-923.	2.6	22

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19	Salen-type heteronuclear 3dâ€“4f complexes engineering by anion PF6 with near-infrared (NIR) and luminescent properties. Inorganic Chemistry Communication, 2012, 26, 60-63.	3.9	21
20	Metal-directed synthesis of quadruple-stranded helical Eu(<scp>iii</scp>) molecular switch: a significant improvement in photocyclization quantum yield. Chemical Communications, 2020, 56, 13213-13216.	4.1	20
21	Enhanced luminescence for detection of small molecules based on doped lanthanide compounds with a dinuclear double-stranded helicate structure. New Journal of Chemistry, 2019, 43, 16706-16713.	2.8	19
22	Insight into the roles of structures and energy levels of mono- and bis-Î²-diketones on sensitizing Nd(<scp>iii</scp>) NIR-luminescence. Dalton Transactions, 2016, 45, 11459-11470.	3.3	18
23	Salen-Type Lanthanide Complexes with Luminescence and Near-Infrared (NIR) Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1211-1218.	3.7	14
24	Improved luminescence properties by the self-assembly of lanthanide compounds with a 1-D chain structure for the sensing of CH₃COOH and toxic HS^{â^'} anions. CrystEngComm, 2019, 21, 5965-5972.	2.6	14
25	Turn-on luminescence detection of biogenic amine with an Eu(III) tetrahedron cage. Dyes and Pigments, 2021, 192, 109441.	3.7	13
26	Salen homonuclear and heteronuclear lanthanide(III) complexes with near-infrared (NIR) luminescence. Inorganic Chemistry Communication, 2015, 56, 79-82.	3.9	12
27	White-light emission from the quadruple-stranded dinuclear Eu(<scp>iii</scp>) helicate decorated with pendent tetraphenylethylene (TPE). New Journal of Chemistry, 2021, 45, 7196-7203.	2.8	12
28	Ancillary ligand modulated stereoselective self-assembly of triple-stranded Eu(<scp>iii</scp>) helicate featuring circularly polarized luminescence. RSC Advances, 2021, 11, 10524-10531.	3.6	12
29	Diastereoselective self-assembly of a triple-stranded europium helicate with light modulated chiroptical properties. Dalton Transactions, 2021, 50, 4604-4612.	3.3	11
30	Asymmetric induction in quadruple-stranded europium(<scp>iii</scp>) helicates and circularly polarized luminescence. Dalton Transactions, 2022, 51, 10973-10982.	3.3	11
31	Designing water-quenching resistant highly luminescent europium complexes by regulating the orthogonal arrangement of bis-Î²-diketone ligands. Dalton Transactions, 2021, 50, 9914-9922.	3.3	9
32	[N,Nâ€²-Bis(3-methoxy-2-oxidobenzylidene)ethylenediammonium-Îº⁴O,Oâ€²,Oâ€²â€²,< Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m1585-m1585.	0.2	6
33	N,Nâ€²â€Bis(Salicylidene)â€1,2â€Cyclohexanediamine Lanthanide(III) Coordination Polymers: Syntheses, Crystal Structures, and Luminescence Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1616-1621.	1.2	6
34	Heteropolynuclear Schiff-base complexes Cuâ€“Lnâ€“Fe (Ln=Sm & Pr) with magnetic property. Inorganic Chemistry Communication, 2015, 51, 21-25.	3.9	6
35	Observation of single-molecule magnetic behavior in dinuclear Schiff base dysprosium(III) complex. Synthetic Metals, 2016, 211, 142-146.	3.9	5
36	Wheel-like{Ln₆}luminescent lanthanide complexes covering the visible and near-infrared domains. CrystEngComm, 2020, 22, 5200-5206.	2.6	5

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37	Twoâ€Dimensional Lanthanideâ€Containing Coordination Frameworks: Structure, Magnetic and Luminescence Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 624-628.	1.2	4
38	Enhanced near-infrared luminescence in Ln₂Cd₂ (Ln = Nd, Yb) heterotetranuclear complexes. CrystEngComm, 2020, 22, 3287-3293.	2.6	4
39	Chiral BINAPO Induced Circularly Polarized Luminescence in a Triple-Stranded Eu2L3(BINAPO)2 Helicate. Australian Journal of Chemistry, 2021, 74, 145.	0.9	4
40	Point Chirality Regulated Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Eu(III) Triple-Stranded Helicates. Acta Chimica Sinica, 2021, 79, 1042.	1.4	4
41	Structural elucidation of impurities in 5-n-butyl-4-{4-[2-(1H-tetrazole-5-yl)-1H-pyrrol-1-yl]phenylmethyl}-2,4-dihydro-2-(2,6-dichlorophenyl)-3H-1,2,4-triazol-3-one (Ib), a novel nonpeptide angiotensin AT1 receptor antagonist. Journal of Pharmaceutical and Biomedical Analysis, 2012, 66, 381-386.	2.8	3
42	The role of ancillary ligand on regulating photoluminescence properties of Eu(III) helicates. Inorganica Chimica Acta, 2021, 525, 120495.	2.4	3
43	NIR luminescence from sandwich-type ytterbium(III) complexes constructed from Î²-diketone and bis-salicylaldehyde derivatives. Journal of Luminescence, 2021, 240, 118431.	3.1	3
44	[N,Nâ€²-Bis(3-methoxy-2-oxidobenzylidene)ethane-1,2-diaminium-Î¼⁴O,Oâ€²,Oâ€²â€²,< Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m107-m107.	0.2	3
45	Luminescence of Zn-Yb dinuclear Schiff base complex: Enhanced NIR emission by modification with larger conjugated light-harvesting moieties. Journal of Molecular Structure, 2022, 1260, 132715.	3.6	3
46	Structural, photophysical and magnetic studies of {Ln2} assembled about oxime. Inorganic Chemistry Communication, 2020, 114, 107841.	3.9	2
47	Dinuclear Lanthanide(III) Complexes Showing Single-Molecule Magnet Behaviour and Optical Properties. Australian Journal of Chemistry, 2020, 73, 647.	0.9	2
48	{Î¼-6,6â€²-Dimethoxy-2,2â€²-[ethane-1,2-diylbis(nitrilomethanylylidene)]diphenolato-1Îº4O6,O1,O1â€²,O6â€²;2Îº4O1,N,Nâ€²,O1â€²} Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1127-m1127.	0.2	1
49	Threeâ€Dimensional Heteropolynuclear Zn₄Ln₂ Coordination Frameworks: Structure and NIR Luminescent Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2223-2227.	1.2	1
50	Luminescence of Salen Lanthanide Bimetallic Complexes: Dual Emission and Energy Transfer. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1974.	1.2	1
51	catena-Poly[copper(II)-bis(Î¼-2-formyl-6-methoxyphenolato-Îº4O2,O1:O1,O6)-[(methanol-ÎºO)sodium]-Î¼-perchlorato-Îº2O:Oâ€²]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m152-m152.	0.2	0
52	A Novel 3D Salen Neodymium Framework with Near-Infrared (NIR) Properties. Australian Journal of Chemistry, 2017, 70, 265.	0.9	0