

Ting Gao

List of Publications by Year in descending order

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52
papers

1,032
citations

361413

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docs citations

52
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence of Zn-Yb dinuclear Schiff base complex: Enhanced NIR emission by modification with larger conjugated light-harvesting moieties. <i>Journal of Molecular Structure</i> , 2022, 1260, 132715.	3.6	3
2	Asymmetric induction in quadruple-stranded europium(III) helicates and circularly polarized luminescence. <i>Dalton Transactions</i> , 2022, 51, 10973-10982.	3.3	11
3	Diastereoselective self-assembly of a triple-stranded europium helicate with light modulated chiroptical properties. <i>Dalton Transactions</i> , 2021, 50, 4604-4612.	3.3	11
4	Chiral BINAPO Induced Circularly Polarized Luminescence in a Triple-Stranded Eu ₂ L ₃ (BINAPO) ₂ Helicate. <i>Australian Journal of Chemistry</i> , 2021, 74, 145.	0.9	4
5	Point Chirality Regulated Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Eu(III) Triple-Stranded Helicates. <i>Acta Chimica Sinica</i> , 2021, 79, 1042.	1.4	4
6	Turn-on luminescence detection of biogenic amine with an Eu(III) tetrahedron cage. <i>Dyes and Pigments</i> , 2021, 192, 109441.	3.7	13
7	The role of ancillary ligand on regulating photoluminescence properties of Eu(III) helicates. <i>Inorganica Chimica Acta</i> , 2021, 525, 120495.	2.4	3
8	NIR luminescence from sandwich-type ytterbium(III) complexes constructed from β^2 -diketone and bis-salicylaldehyde derivatives. <i>Journal of Luminescence</i> , 2021, 240, 118431.	3.1	3
9	White-light emission from the quadruple-stranded dinuclear Eu(III) helicate decorated with pendent tetraphenylethylene (TPE). <i>New Journal of Chemistry</i> , 2021, 45, 7196-7203.	2.8	12
10	Designing water-quenching resistant highly luminescent europium complexes by regulating the orthogonal arrangement of bis- β^2 -diketone ligands. <i>Dalton Transactions</i> , 2021, 50, 9914-9922.	3.3	9
11	Ancillary ligand modulated stereoselective self-assembly of triple-stranded Eu(III) helicate featuring circularly polarized luminescence. <i>RSC Advances</i> , 2021, 11, 10524-10531.	3.6	12
12	Point Chirality Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Quadruple-Stranded Europium(III) Helicates. <i>Inorganic Chemistry</i> , 2020, 59, 12850-12857.	4.0	27
13	Metal-directed synthesis of quadruple-stranded helical Eu(III) molecular switch: a significant improvement in photocyclization quantum yield. <i>Chemical Communications</i> , 2020, 56, 13213-13216.	4.1	20
14	Eu(III) Tetrahedron Cage as a Luminescent Chemosensor for Rapidly Reversible and Turn-On Detection of Volatile Amine/NH ₃ . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15338-15347.	8.0	40
15	Wheel-like Ln ₆ luminescent lanthanide complexes covering the visible and near-infrared domains. <i>CrystEngComm</i> , 2020, 22, 5200-5206.	2.6	5
16	Structural, photophysical and magnetic studies of {Ln ₂ } assembled about oxime. <i>Inorganic Chemistry Communication</i> , 2020, 114, 107841.	3.9	2
17	Preorganized helical chirality controlled homochiral self-assembly and circularly polarized luminescence of a quadruple-stranded Eu ₂ L ₄ helicate. <i>Dalton Transactions</i> , 2020, 49, 3312-3320.	3.3	26
18	Enhanced near-infrared luminescence in Ln ₂ Cd ₂ (Ln = Nd, Yb) heterotetranuclear complexes. <i>CrystEngComm</i> , 2020, 22, 3287-3293.	2.6	4

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19	A light triggered optical and chiroptical switch based on a homochiral Eu ₂ L ₃ helicate. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6788-6796.	5.5	29
20	Dinuclear Lanthanide(III) Complexes Showing Single-Molecule Magnet Behaviour and Optical Properties. <i>Australian Journal of Chemistry</i> , 2020, 73, 647.	0.9	2
21	Improved luminescence properties by the self-assembly of lanthanide compounds with a 1-D chain structure for the sensing of CH ₃ COOH and toxic HS ⁻ anions. <i>CrystEngComm</i> , 2019, 21, 5965-5972.	2.6	14
22	White-light emission based on a single component Sm(III) complex and enhanced optical properties by doping methods. <i>CrystEngComm</i> , 2019, 21, 964-970.	2.6	38
23	Visible light sensitized near-infrared luminescence of ytterbium <i>via</i> ILCT states in quadruple-stranded helicates. <i>Dalton Transactions</i> , 2019, 48, 4026-4034.	3.3	27
24	A Highly Luminescent Chiral Tetrahedral Eu ₄ L ₄ (L ²) ₄ Cage: Chirality Induction, Chirality Memory, and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 19634-19643.	13.7	160
25	Enhanced luminescence for detection of small molecules based on doped lanthanide compounds with a dinuclear double-stranded helicate structure. <i>New Journal of Chemistry</i> , 2019, 43, 16706-16713.	2.8	19
26	Chiral BINAPO-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Triple-Stranded Europium(III) Podates. <i>Inorganic Chemistry</i> , 2018, 57, 8332-8337.	4.0	40
27	A Novel 3D Salen Neodymium Framework with Near-Infrared (NIR) Properties. <i>Australian Journal of Chemistry</i> , 2017, 70, 265.	0.9	0
28	A series of dinuclear lanthanide(III) complexes constructed from Schiff base and β^2 -diketonate ligands: synthesis, structure, luminescence and SMM behavior. <i>CrystEngComm</i> , 2016, 18, 4627-4635.	2.6	45
29	Insight into the roles of structures and energy levels of mono- and bis- β^2 -diketonates on sensitizing Nd(III) NIR-luminescence. <i>Dalton Transactions</i> , 2016, 45, 11459-11470.	3.3	18
30	Observation of single-molecule magnetic behavior in dinuclear Schiff base dysprosium(III) complex. <i>Synthetic Metals</i> , 2016, 211, 142-146.	3.9	5
31	Synthesis, structure, and tunable white light emission of heteronuclear Zn ₂ Ln ₂ arrays using a zinc complex as ligand. <i>CrystEngComm</i> , 2016, 18, 917-923.	2.6	22
32	Luminescence of Salen Lanthanide Bimetallic Complexes: Dual Emission and Energy Transfer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1974.	1.2	1
33	Structural effects on the photophysical properties of mono- β^2 -diketonate and bis- β^2 -diketonate Eu(III) complexes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16136-16144.	2.8	53
34	Enhancement of near-infrared luminescence of ytterbium in triple-stranded binuclear helicates. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30510-30517.	2.8	38
35	A new strategy for achieving white-light emission of lanthanide complexes: effective control of energy transfer from blue-emissive fluorophore to Eu(III) centres. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1799-1806.	5.5	47
36	Salen homonuclear and heteronuclear lanthanide(III) complexes with near-infrared (NIR) luminescence. <i>Inorganic Chemistry Communication</i> , 2015, 56, 79-82.	3.9	12

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37	Heteropolynuclear Schiff-base complexes Cu ^{II} -Ln ^{III} -Fe (Ln=Sm & Pr) with magnetic property. <i>Inorganic Chemistry Communication</i> , 2015, 51, 21-25.	3.9	6
38	Aggregation-induced white-light emission from the triple-stranded dinuclear Sm(^{III}) complex. <i>Dalton Transactions</i> , 2014, 43, 12228.	3.3	39
39	A series of lanthanide(^{III}) complexes constructed from Schiff base and β^2 -diketonate ligands. <i>CrystEngComm</i> , 2014, 16, 10460-10468.	2.6	23
40	Salen-Type Lanthanide Complexes with Luminescence and Near-Infrared (NIR) Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1211-1218.	3.7	14
41	Syntheses, structure and near-infrared (NIR) luminescence of Er ₂ , Yb ₂ , ErYb of homodinuclear and heterodinuclear lanthanide(III) complexes based on salen ligand. <i>CrystEngComm</i> , 2013, 15, 6213.	2.6	25
42	Salen-type heteronuclear 3d ⁹ -4f complexes engineering by anion PF ₆ with near-infrared (NIR) and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2012, 26, 60-63.	3.9	21
43	catena-Poly[copper(II)-bis(β -2-formyl-6-methoxyphenolato- β^2 O ₂ O ₁ O ₆)-[(methanol- β^2 O)sodium]- β^2 -perchlorato- β^2 O ₂ O ₆]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m152-m152.	0.2	0
44	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 AT ₁ receptor antagonist. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 381-386.	2.8	3
45	β^2 -4,6-Dimethoxy-2,2 β^2 -[ethane-1,2-diylbis(nitrilomethanylylidene)]diphenolato- β^2 O ₆ O ₁ O ₁ β^2 ,O ₆ β^2 ;2 β^2 O ₁ N,N β^2 ,O ₁ β^2 . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1127-m1127.	0.2	1
46	<i>N,N'</i> -Bis(Salicylidene)-1,2-cyclohexanediamine Lanthanide(III) Coordination Polymers: Syntheses, Crystal Structures, and Luminescence Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1616-1621.	1.2	6
47	Three-Dimensional Heteropolynuclear Zn ₄ -Ln ₂ Coordination Frameworks: Structure and NIR Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 2223-2227.	1.2	1
48	Two-Dimensional Lanthanide-Containing Coordination Frameworks: Structure, Magnetic and Luminescence Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 624-628.	1.2	4
49	[<i>N,N'</i> -Bis(3-methoxy-2-oxidobenzylidene)ethane-1,2-diaminium- β^2 - ⁴]- β^2 -O ₂ , β^2 -O ₂ , β^2 -O ₃ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m107-m107.	0.2	3
50	[<i>N,N'</i> -Bis(3-methoxy-2-oxidobenzylidene)ethylenediammonium- β^2 - ⁴]- β^2 -O ₂ , β^2 -O ₂ , β^2 -O ₃ . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1585-m1585.	0.2	6
51	N,N'-Ethylene-bis(3-methoxysalicylideneimine) mononuclear (4f) and heterodinuclear (3d ⁹ -4f) metal complexes: Synthesis, crystal structure and luminescent properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 2051-2058.	2.4	58
52	Synthesis, characterization and fluorescence of lanthanide Schiff-base complexes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1973-1982.	2.2	43