

# Ga-Lai Law

## List of Publications by Year in descending order

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92  
papers

3,967  
citations

76326

40  
h-index

123424

61  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic multifunctional persistent luminescence nanoprobe for long-term near-infrared imaging and therapy of cerebral and cerebellar gliomas. <i>Science Advances</i> , 2022, 8, eabm7077.	10.3	29
2	Stress to distress: Triboluminescence and pressure luminescence of lanthanide diketonates. <i>Chemical Engineering Journal Advances</i> , 2022, 11, 100326.	5.2	6
3	Unusual Magnetic Field Responsive Circularly Polarized Luminescence Probes with Highly Emissive Chiral Europium(III) Complexes. <i>Angewandte Chemie</i> , 2021, 133, 1017-1023.	2.0	9
4	Unusual Magnetic Field Responsive Circularly Polarized Luminescence Probes with Highly Emissive Chiral Europium(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1004-1010.	13.8	49
5	Lanthanide-“Cyclen”-Camptothecin Nanocomposites for Cancer Theranostics Guided by Near-Infrared and Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 271-278.	5.0	12
6	Dual-Targeting Peptide-Guided Approach for Precision Delivery and Cancer Monitoring by Using a Safe Upconversion Nanoplateform. <i>Advanced Science</i> , 2021, 8, e2002919.	11.2	51
7	Structural variation of self-assembled lanthanide supramolecular complexes induced by reaction conditions. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2952-2964.	6.0	15
8	Chiral Organic Chromophoric Systems in the Enhancement of Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , 2021, 9, 635655.	3.6	0
9	Design of Functional Chiral Cyclen-Based Radiometal Chelators for Theranostics. <i>Inorganic Chemistry</i> , 2021, 60, 7082-7088.	4.0	6
10	Helicate-to-tetrahedron transformation of chiral lanthanide supramolecular complexes induced by ionic radii effect and linker length. <i>Communications Chemistry</i> , 2021, 4, .	4.5	9
11	Design, synthesis and comparison of water-soluble phthalocyanine/porphyrin analogues and their inhibition effects on A $\beta$ 242 fibrillization. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3501-3513.	6.0	6
12	Fluorescence Analysis: Shedding Light on Biological Systems. <i>ChemPlusChem</i> , 2020, 85, 1093-1094.	2.8	1
13	Bladder Cancer Photodynamic Therapeutic Agent with Off-Target Magnetic Resonance Imaging Enhancement. <i>Advanced Therapeutics</i> , 2019, 2, 1900068.	3.2	19
14	Synthesis of Water-Soluble Chiral DOTA Lanthanide Complexes with Predominantly Twisted Square Antiprism Isomers and Circularly Polarized Luminescence. <i>Inorganic Chemistry</i> , 2019, 58, 12506-12510.	4.0	24
15	Chirality and Chiroptics of Lanthanide Molecular and Supramolecular Assemblies. <i>Chem</i> , 2019, 5, 3058-3095.	11.7	102
16	Catalytic asymmetric oxo-Diels-Alder reactions with chiral atropisomeric biphenyl diols. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 955-962.	2.2	2
17	Synthesis of a Conformationally Stable Atropisomeric Pair of Biphenyl Scaffold Containing Additional Stereogenic Centers. <i>Molecules</i> , 2019, 24, 643.	3.8	2
18	Breaking the 1,2-HOPO barrier with a cyclen backbone for more efficient sensitization of Eu(III) luminescence and unprecedented two-photon excitation properties. <i>Chemical Science</i> , 2019, 10, 4550-4559.	7.4	20

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19	Triboluminescence of Centrosymmetric Lanthanide $\beta^2$ -Diketonate Complexes with Aggregation-Induced Emission. <i>Molecules</i> , 2019, 24, 662.	3.8	14
20	Reaction-Based Europium Complex for Specific Detection of Cysteine Over Homocysteine and Glutathione with Variable-Temperature Kinetic Studies. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 813-820.	2.0	1
21	Reactivation of Epstein-Barr virus by a dual-responsive fluorescent EBNA1-targeting agent with Zn <sup>2+</sup> -chelating function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26614-26624.	7.1	22
22	Chiral DOTA chelators as an improved platform for biomedical imaging and therapy applications. <i>Nature Communications</i> , 2018, 9, 857.	12.8	64
23	EBNA1-targeted inhibitors: Novel approaches for the treatment of Epstein-Barr virus-associated cancers. <i>Theranostics</i> , 2018, 8, 5307-5319.	10.0	39
24	Two-Photon Excitable Iridium Complex Containing Dipyrzolytriazine as Cellular Imaging Dyes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4533-4542.	2.0	1
25	Assembly of Lanthanide(III) Cubanes and Dimers with Single-Molecule Magnetism and Photoluminescence. <i>Inorganic Chemistry</i> , 2018, 57, 6893-6902.	4.0	38
26	Efficient Selenium-Catalyzed Selective C(sp <sup>3</sup> )-H Oxidation of Benzylpyridines with Molecular Oxygen. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1588-1593.	4.3	48
27	Mechanistic Investigation of Inducing Triboluminescence in Lanthanide(III) $\beta^2$ -Diketonate Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 5135-5140.	4.0	48
28	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the Epstein-Barr virus. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	27
29	Interband Absorption Enhanced Optical Activity in Discrete Au@Ag Core-Shell Nanocuboids: Probing Extended Helical Conformation of Chemisorbed Cysteine Molecules. <i>Angewandte Chemie</i> , 2017, 129, 1303-1308.	2.0	64
30	Interband Absorption Enhanced Optical Activity in Discrete Au@Ag Core-Shell Nanocuboids: Probing Extended Helical Conformation of Chemisorbed Cysteine Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1283-1288.	13.8	70
31	$\beta^2$ -Isoform specific erbium complexes highly specific for bladder cancer imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 557-560.	4.1	24
32	Chiral transcription in self-assembled tetrahedral Eu <sub>4</sub> L <sub>6</sub> chiral cages displaying sizable circularly polarized luminescence. <i>Nature Communications</i> , 2017, 8, 1128.	12.8	128
33	One-Step Reaction for Screening of Chromophores to Improve the Luminescence of Lanthanide Complexes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1845-1850.	2.7	8
34	A Smart Europium-Ruthenium Complex as Anticancer Prodrug: Controllable Drug Release and Real-Time Monitoring under Different Light Excitations. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8923-8932.	6.4	49
35	Gadolinium and Platinum in Tandem: Real-time Multi-Modal Monitoring of Drug Delivery by MRI and Fluorescence Imaging. <i>Nanotheranostics</i> , 2017, 1, 186-195.	5.2	11
36	Palladium(II)-catalyzed switchable mono-/diselenylation of arenes controlled by solvent effects. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 66-73.	1.8	25

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37	New Class of Bright and Highly Stable Chiral Cyclen Europium Complexes for Circularly Polarized Luminescence Applications. <i>Inorganic Chemistry</i> , 2016, 55, 9065-9070.	4.0	42
38	Friend or foe? The role of solvents in non-triplet, intraligand charge transfer sensitization of lanthanide( $\text{Ln}^{3+}$ ) luminescence. <i>RSC Advances</i> , 2016, 6, 74100-74109.	3.6	26
39	Thermodynamic selectivity of functional agents on zeolite for sodium dodecyl sulfate sequestration. <i>Journal of Hazardous Materials</i> , 2016, 318, 41-47.	12.4	4
40	Efficient and selective singlet oxygen sensitized NIR luminescence of a neodymium(III) complex and its application in biological imaging. <i>Journal of Luminescence</i> , 2016, 169, 549-552.	3.1	20
41	Effects of Ligand Geometry on the Photophysical Properties of Photoluminescent Eu(III) and Sm(III) 1-Hydroxypyridin-2-one Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 114-124.	4.0	26
42	A smart "off-on" gate for the in situ detection of hydrogen sulphide with Cu( $\text{Cu}^{2+}$ )-assisted europium emission. <i>Chemical Science</i> , 2016, 7, 2151-2156.	7.4	61
43	A highly selective "off-on" responsive lanthanide( $\text{Ln}^{3+}$ ) based probe for recognition of copper and hydrogen sulfide. <i>Dalton Transactions</i> , 2016, 45, 928-935.	3.3	35
44	Efficient Palladium-Catalyzed Direct C-H Phenylselenylation of (Hetero)Arenes in Water. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 875-878.	2.7	36
45	Lanthanide supramolecular helical diastereoselective breaking induced by point chirality: mixture or P-helix, M-helix. <i>Chemical Communications</i> , 2015, 51, 592-595.	4.1	61
46	New Insights into Structure and Luminescence of Eu <sup>III</sup> and Sm <sup>III</sup> Complexes of the 3,4,3-LI(1,2-HOPO) Ligand. <i>Journal of the American Chemical Society</i> , 2015, 137, 2816-2819.	13.7	64
47	The effects of the increasing number of the same chromophore on photosensitization of water-soluble cyclen-based europium complexes with potential for biological applications. <i>RSC Advances</i> , 2015, 5, 13347-13356.	3.6	11
48	Highly Luminescent Sm <sup>III</sup> Complexes with Intraligand Charge-Transfer Sensitization and the Effect of Solvent Polarity on Their Luminescent Properties. <i>Inorganic Chemistry</i> , 2015, 54, 3725-3727.	4.0	67
49	In vivo selective cancer-tracking gadolinium eradicator as new-generation photodynamic therapy agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5492-7.	7.1	70
50	A Simple and Direct Method for the Palladium-Catalyzed Oxidative Coupling of Unactivated Allylarenes with Classic Arenes. <i>ChemCatChem</i> , 2014, 6, 1599-1603.	3.7	8
51	A lysosome-specific two-photon phosphorescent binuclear cyclometalated platinum(II) probe for in vivo imaging of live neurons. <i>Chemical Communications</i> , 2014, 50, 4161.	4.1	35
52	Bifunctional up-converting lanthanide nanoparticles for selective in vitro imaging and inhibition of cyclin D as anti-cancer agents. <i>Journal of Materials Chemistry B</i> , 2014, 2, 84-91.	5.8	67
53	Fast uptake, water-soluble, mitochondria-specific erbium complex for a dual function molecular probe "imaging and photodynamic therapy. <i>RSC Advances</i> , 2013, 3, 382-385.	3.6	28
54	Real time detection of cell cycle regulator cyclin A on living tumor cells with europium emission. <i>Dalton Transactions</i> , 2013, 42, 13495.	3.3	6

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55	Synthesis, characterization, photophysical properties of lanthanide complexes with flexible tripodal carboxylate ligands. <i>Polyhedron</i> , 2013, 52, 939-944.	2.2	4
56	Circularly Polarized Luminescence of Curium: A New Characterization of the 5f Actinide Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 15545-15549.	13.7	47
57	A potential water-soluble ytterbium-based porphyrinâ€cyclen dual bio-probe for Golgi apparatus imaging and photodynamic therapy. <i>Chemical Communications</i> , 2012, 48, 9646.	4.1	49
58	A Single Sensitizer for the Excitation of Visible and NIR Lanthanide Emitters in Water with High Quantum Yields. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2371-2374.	13.8	84
59	Two-photon induced responsive fluorescence emissive detection of Cyclin A with a europium-chelating peptide. <i>Chemical Communications</i> , 2011, 47, 8052.	4.1	20
60	Evidence for the optical signalling of changes in bicarbonate concentration within the mitochondrial region of living cells. <i>Chemical Communications</i> , 2011, 47, 7347.	4.1	47
61	Responsive Two-Photon Induced Europium Emission as Fluorescent Indicator for Paralytic Shellfish Saxitoxin. <i>Organic Letters</i> , 2011, 13, 5036-5039.	4.6	5
62	Impressive Europium Red Emission Induced by Two-Photon Excitation for Biological Applications. <i>Inorganic Chemistry</i> , 2011, 50, 5309-5311.	4.0	58
63	In Vitro Imaging and Human Serum Albumin Responsive Dimeric Lanthanide DO3A Complex. <i>Inorganic Chemistry</i> , 2011, 50, 5517-5525.	4.0	23
64	Simultaneous synthesis and functionalization of water-soluble up-conversion nanoparticles for in-vitro cell and nude mouse imaging. <i>Nanoscale</i> , 2011, 3, 2175.	5.6	107
65	Octadentate Cages of Tb(III) 2-Hydroxyisophthalamides: A New Standard for Luminescent Lanthanide Labels. <i>Journal of the American Chemical Society</i> , 2011, 133, 19900-19910.	13.7	198
66	Synthesis and comparative anion binding profiles of two di-aqua Eu(III) complexes. <i>Dalton Transactions</i> , 2010, 39, 9897.	3.3	19
67	Observation of the selective staining of chromosomal DNA in dividing cells using a luminescent terbium(III) complex. <i>Chemical Communications</i> , 2010, 46, 2391.	4.1	54
68	Nonlinear optical activity in dipolar organicâ€lanthanide complexes. <i>Journal of Materials Chemistry</i> , 2010, 20, 4074.	6.7	65
69	Gadoliniumâ€Europium Carbonate Particles: Controlled Precipitation for Luminescent Biolabeling. <i>Chemistry of Materials</i> , 2010, 22, 6153-6161.	6.7	71
70	A twoâ€photon europium complex as specific endoplasmic reticulum probe. <i>Journal of Biophotonics</i> , 2009, 2, 718-724.	2.3	24
71	Structure and photophysical properties of new trinuclear lanthanide complexes (Ln=Eu and Tb) with 1,10-phenanthroline. <i>Inorganic Chemistry Communication</i> , 2009, 12, 52-54.	3.9	10
72	White OLED with a Single-Component Europium Complex. <i>Inorganic Chemistry</i> , 2009, 48, 10492-10494.	4.0	110

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73	Responsive and reactive terbium complexes with an azaxanthone sensitiser and one naphthyl group: applications in ratiometric oxygen sensing in vitro and in regioselective cell killing. Chemical Communications, 2009, , 7321.	4.1	111
74	The mechanism of quenching of the lanthanide excited state for optical probes using sensitised emission. Dalton Transactions, 2009, , 8481.	3.3	36
75	Molecular Switching in the Near Infrared (NIR) to Visible/NIR f-f emission with a Functional-Lanthanide Complexes. Journal of Fluorescence, 2008, 18, 749-752.	2.5	9
76	Synthesis, Crystal Structures, and Luminescence of Organic-Lanthanide Complexes with Nicotinate and Isonicotinate Ligands. Inorganic Chemistry, 2008, 47, 9431-9438.	4.0	49
77	Emissive Terbium Probe for Multiphoton <i>in Vitro</i> Cell Imaging. Journal of the American Chemical Society, 2008, 130, 3714-3715.	13.7	106
78	The nature of the sensitiser substituent determines quenching sensitivity and protein affinity and influences the design of emissive lanthanide complexes as optical probes for intracellular use. Organic and Biomolecular Chemistry, 2008, 6, 2256.	2.8	62
79	Two-photon microscopy study of the intracellular compartmentalisation of emissive terbium complexes and their oligo-arginine and oligo-guanidinium conjugates. Chemical Communications, 2008, , 2435.	4.1	87
80	Functionalized Europium Nanorods for In Vitro Imaging. Inorganic Chemistry, 2008, 47, 5190-5196.	4.0	74
81	Terbium Luminescence Sensitized through Three-Photon Excitation in a Self-Assembled Unlinked Antenna. Journal of Physical Chemistry B, 2007, 111, 10858-10861.	2.6	59
82	Synthesis, Crystal Structures, and Photophysical Properties of Lanthanide Complexes Containing Pyrrole- $\epsilon$ -Derivatized Carboxylate Ligands. European Journal of Inorganic Chemistry, 2007, 2007, 5419-5425.	2.0	24
83	Effective multi-photon absorption properties in solutions of pyridinium salt lasing dyes. Chemical Physics Letters, 2007, 449, 77-81.	2.6	4
84	Structural Characterization of Shielded Isomeric Europium Complexes with Metal-Metal Contact. Inorganic Chemistry, 2007, 46, 9754-9759.	4.0	51
85	Fast Water-Exchange Gd <sup>3+</sup> -(DO3A-like) Complex Functionalized with Aza-15-Crown-5 Showing Prolonged Residence Lifetime in Vivo. Bioconjugate Chemistry, 2006, 17, 571-574.	3.6	24
86	A Highly Porous Luminescent Terbium-Organic Framework for Reversible Anion Sensing. Advanced Materials, 2006, 18, 1051-1054.	21.0	381
87	Simultaneous Observation of Green Multiphoton Upconversion and Red and Blue NLO Processes from Polymeric Terbium(III) Complexes. Angewandte Chemie - International Edition, 2005, 44, 3436-3439.	13.8	53
88	Crystal Structure and Luminescence of Lanthanide Monodentate Complexes [Ln(C <sub>4</sub> N <sub>4</sub> H <sub>6</sub> O) <sub>2</sub> (H <sub>2</sub> O) <sub>6</sub> ]Cl <sub>3</sub> and [Ln(C <sub>4</sub> N <sub>4</sub> H <sub>6</sub> O) <sub>2</sub> (H <sub>2</sub> O) <sub>3</sub> (NO <sub>3</sub> ) <sub>3</sub> ] (Ln = Tb or Eu). Inorganic Chemistry, 2005, 44, 4142-4144.	4.0	56
89	2,4-Dioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylic acid monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1072-o1074.	0.2	4
90	Luminescent Tb <sup>3+</sup> Complex with Pendant Crown Ether Showing Dual-Component Recognition of H <sup>+</sup> and K <sup>+</sup> at Multiple pH Windows. Organic Letters, 2004, 6, 4841-4844.	4.6	42

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91	Multiphoton Processes and Nonlinear Harmonic Generations in Lanthanide Complexes. , 0, , 161-184.		0
92	Diastereoselective Bidirectional C( sp 3 )âˆ™H Bond Functionalization of Piperazine Compounds. Advanced Synthesis and Catalysis, 0, , .	4.3	0