

# Guamgming Li

## List of Publications by Year in descending order

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docs citations

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times ranked

2825  
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#	ARTICLE	IF	CITATIONS
1	Highly Water-Stable Dye@Ln-MOFs for Sensitive and Selective Detection toward Antibiotics in Water. ACS Applied Materials & Interfaces, 2019, 11, 21201-21210.	8.0	159
2	Highly luminescent bis-diketone lanthanide complexes with triple-stranded dinuclear structure. Dalton Transactions, 2012, 41, 900-907.	3.3	110
3	Two Series of Solvent-Dependent Lanthanide Coordination Polymers Demonstrating Tunable Luminescence and Catalysis Properties. Crystal Growth and Design, 2014, 14, 3002-3009.	3.0	107
4	High Catalytic Performance of a CeO <sub>2</sub> -Supported Ni Catalyst for Hydrogenation of Nitroarenes, Fabricated via Coordination-Assisted Strategy. ACS Applied Materials & Interfaces, 2018, 10, 14698-14707.	8.0	101
5	Highly Efficient White-Light Emission and UV-Visible/NIR Luminescence Sensing of Lanthanide Metal-Organic Frameworks. Crystal Growth and Design, 2017, 17, 2178-2185.	3.0	86
6	Cross-Dehydrogenative Coupling of Strong C(sp <sup>3</sup> )-H with <i>N</i> -Heteroarenes through Visible-Light-Induced Energy Transfer. Organic Letters, 2020, 22, 7709-7715.	4.6	70
7	Local Coordination Geometry Perturbed $\hat{\eta}^2$ -Diketone Dysprosium Single-Ion Magnets. Inorganic Chemistry, 2014, 53, 8895-8901.	4.0	63
8	Near-IR Luminescence and Field-Induced Single Molecule Magnet of Four Salen-type Ytterbium Complexes. Inorganic Chemistry, 2015, 54, 221-228.	4.0	61
9	Organic photoredox catalytic decarboxylative cross-coupling of <i>gem</i> -difluoroalkenes with unactivated carboxylic acids. Organic Chemistry Frontiers, 2019, 6, 2365-2370.	4.5	61
10	Triple-Wavelength-Region Luminescence Sensing Based on a Color-Tunable Emitting Lanthanide Metal Organic Framework. Analytical Chemistry, 2018, 90, 6675-6682.	6.5	60
11	Luminescence and white-light emitting luminescent sensor of tetrafluoroterephthalate-lanthanide metal-organic frameworks. Dalton Transactions, 2017, 46, 4642-4653.	3.3	59
12	Novel quadridentate salen type triple-decker sandwich ytterbium complexes with near infrared luminescence. CrystEngComm, 2011, 13, 36-39.	2.6	51
13	Syntheses Study of Keggin POM Supporting MOFs System. Crystal Growth and Design, 2012, 12, 2242-2250.	3.0	51
14	Immobilization of Polyoxometalate in the Metal-Organic Framework rht-MOF-1: Towards a Highly Effective Heterogeneous Catalyst and Dye Scavenger. Scientific Reports, 2016, 6, 25595.	3.3	50
15	Luminescence-colour-changing sensing of Mn <sup>2+</sup> and Ag <sup>+</sup> ions based on a white-light-emitting lanthanide coordination polymer. Chemical Communications, 2017, 53, 5067-5070.	4.1	49
16	A <i>ortho</i> -C-H Functionalization of Aniline Derivatives via In situ Generated Bulky Hypervalent Iodinium Reagents. European Journal of Organic Chemistry, 2018, 2018, 5972-5979.	2.4	49
17	Slow relaxation processes of salen type Dy <sub>2</sub> complex and 1D ionic spiral Dyn coordination polymer. CrystEngComm, 2013, 15, 1747.	2.6	48
18	Visible-Light Mediated <i>ortho</i> -Trifluoromethylation of Aniline Derivatives. Journal of Organic Chemistry, 2019, 84, 14241-14247.	3.2	47

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19	Highly sensitive luminescent detection toward polytypic antibiotics by a water-stable and white-light-emitting MOF-76 derivative. <i>Dyes and Pigments</i> , 2020, 180, 108444.	3.7	46
20	A series of dinuclear lanthanide(III) complexes constructed from Schiff base and $\beta^2$ -diketonate ligands: synthesis, structure, luminescence and SMM behavior. <i>CrystEngComm</i> , 2016, 18, 4627-4635.	2.6	45
21	Exploiting single-molecule magnets of $\beta^2$ -diketone dysprosium complexes with $C_{3v}$ symmetry: suppression of quantum tunneling of magnetization. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4407-4415.	5.5	44
22	Azacyclo-auxiliary ligand-tuned SMMs of dibenzoylmethane Dy(III) complexes. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 827-836.	6.0	44
23	C4-arylation and domino C4-arylation/3,2-carbonyl migration of indoles by tuning Pd catalytic modes: Pd(I)-Pd(II) catalysis vs. Pd(II) catalysis. <i>Chemical Science</i> , 2021, 12, 3216-3225.	7.4	44
24	Synthesis, characterization and fluorescence of lanthanide Schiff-base complexes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1973-1982.	2.2	43
25	Color-tunable and white-light emission of one-dimensional $\beta^2$ -di-2-thenoyltartaric acid mixed-lanthanide coordination polymers. <i>Dalton Transactions</i> , 2015, 44, 4640-4647.	3.3	42
26	pH-Dependent Syntheses, Luminescent, and Magnetic Properties of Two-Dimensional Framework Lanthanide Carboxyarylphosphonate Complexes. <i>Crystal Growth and Design</i> , 2013, 13, 3816-3824.	3.0	41
27	C5-selective trifluoromethylation of 8-amino quinolines via photoredox catalysis. <i>Journal of Fluorine Chemistry</i> , 2019, 219, 23-28.	1.7	37
28	Ruthenium(II)-catalyzed para-selective C-H difluoroalkylation of aromatic aldehydes and ketones using transient directing groups. <i>Chinese Chemical Letters</i> , 2021, 32, 1437-1441.	9.0	37
29	Keggin-POM@rht-MOF-1 composite as heterogeneous catalysts towards ultra-deep oxidative fuel desulfurization. <i>Fuel</i> , 2020, 274, 117834.	6.4	36
30	Ion size dominated 1D and 2D Salen lanthanide coordination complexes and their luminescence. <i>Polyhedron</i> , 2007, 26, 5382-5388.	2.2	35
31	N,N'-bis(salicylidene)propane-1,2-diamine lanthanide(III) coordination polymers: Synthesis, crystal structure and luminescence properties. <i>Journal of Solid State Chemistry</i> , 2009, 182, 381-388.	2.9	35
32	NIR luminescence of a series of benzoyltrifluoroacetone erbium complexes. <i>RSC Advances</i> , 2015, 5, 65856-65861.	3.6	35
33	POM species, temperature and counterions modulated the various dimensionalities of POM-based metal-organic frameworks. <i>Dalton Transactions</i> , 2016, 45, 1657-1667.	3.3	34
34	Systematic study on the structures of salen type lanthanide complexes tuned by lanthanide contraction and corresponding luminescence. <i>Dalton Transactions</i> , 2013, 42, 9482.	3.3	32
35	N,N'-Bis(3-methoxysalicylidene)propane-1,2-diamine mononuclear 4f and heterodinuclear Cu-4f complexes: Synthesis, crystal structure and electrochemical properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 1761-1766.	2.4	31
36	A salen-type Dy(IV) single-molecule magnet with an enhanced energy barrier and its analogues. <i>Dalton Transactions</i> , 2015, 44, 4046-4053.	3.3	31

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37	Syntheses of POM-templated MOFs containing the isomeric pyridyltetrazole. <i>CrystEngComm</i> , 2012, 14, 5053.	2.6	30
38	Towards full-color-tunable emission of two component Eu(III)-doped Gd(III) coordination frameworks by the variation of excitation light. <i>Dalton Transactions</i> , 2014, 43, 12574-12581.	3.3	30
39	Visible Light Mediated C <sup>3</sup> Alkenylation of Cyclic Ethers Enabled by Aryl Ketone. <i>ChemCatChem</i> , 2019, 11, 1606-1609.	3.7	30
40	NIR luminescence of 2-(2,2,2-trifluoroethyl)-1-indone (TFI) neodymium and ytterbium complexes. <i>Journal of Luminescence</i> , 2014, 146, 205-210.	3.1	29
41	Spontaneous Resolution of Racemic Salen-Type Ligand in the Construction of 3D Homochiral Lanthanide Frameworks. <i>Crystal Growth and Design</i> , 2014, 14, 5356-5360.	3.0	29
42	Dynamic coordination of natural amino acids-lanthanides to control reversible luminescent switching of hybrid hydrogels and anti-counterfeiting. <i>Dyes and Pigments</i> , 2019, 166, 375-380.	3.7	28
43	Palladium-Catalyzed C <sup>H</sup> Arylation of Aliphatic and Aromatic Ketones using Dipeptide Transient Directing Groups. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 526-531.	2.7	28
44	Structure, color-tunable luminescence, and UV-vis/NIR benzaldehyde detection of lanthanide coordination polymers based on two fluorinated ligands. <i>CrystEngComm</i> , 2018, 20, 3335-3343.	2.6	27
45	Syntheses, structure and near-infrared (NIR) luminescence of Er <sub>2</sub> , Yb <sub>2</sub> , ErYb of homodinuclear and heterodinuclear lanthanide(III) complexes based on salen ligand. <i>CrystEngComm</i> , 2013, 15, 6213.	2.6	25
46	Construction of POMOFs with different degrees of interpenetration and the same topology. <i>CrystEngComm</i> , 2015, 17, 633-641.	2.6	25
47	Crystal engineering of salen type cerium complexes tuned by various cerium counterions. <i>CrystEngComm</i> , 2013, 15, 4167.	2.6	23
48	NIR luminescence and catalysis of multifarious salen type ytterbium complexes modulated by anions. <i>Dalton Transactions</i> , 2013, 42, 13190.	3.3	22
49	Synthesis, structure, and tunable white light emission of heteronuclear Zn <sub>2</sub> Ln <sub>2</sub> arrays using a zinc complex as ligand. <i>CrystEngComm</i> , 2016, 18, 917-923.	2.6	22
50	Investigation of magneto-structural correlation based on a series of seven-coordinated $\beta^2$ -diketone Dy(III) single-ion magnets with C <sub>2v</sub> and C <sub>3v</sub> local symmetry. <i>Dalton Transactions</i> , 2018, 47, 3976-3984.	3.3	22
51	Highly chemoselective synthesis of imine over Co/Zn bimetallic MOFs derived Co <sub>3</sub> ZnC-ZnO embed in carbon nanosheet catalyst. <i>Journal of Catalysis</i> , 2021, 401, 17-26.	6.2	22
52	A hydrate salt-promoted reductive coupling reaction of nitrodienes with unactivated alkenes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2258-2264.	2.8	21
53	White-Light-Emitting Decoding Sensing for Eight Frequently-Used Antibiotics Based on a Lanthanide Metal-Organic Framework. <i>Polymers</i> , 2019, 11, 99.	4.5	21
54	Invisible luminescent inks and luminescent films based on lanthanides for anti-counterfeiting. <i>Inorganica Chimica Acta</i> , 2021, 526, 120541.	2.4	21

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55	Auxiliary ligand field dominated single-molecule magnets of a series of indole-derivative $\beta^2$ -diketone mononuclear Dy(III) complexes. Dalton Transactions, 2016, 45, 9148-9157.	3.3	20
56	Highly efficient N-doped carbon supported $\text{FeS}_x\text{Fe}_2\text{O}_3$ catalyst for hydrogenation of nitroarenes via pyrolysis of sulfurized N,Fe-containing MOFs. Applied Organometallic Chemistry, 2021, 35, e6294.	3.5	20
57	Luminescent single molecule magnets of a series of $\beta^2$ -diketone dysprosium complexes. RSC Advances, 2015, 5, 94802-94808.	3.6	19
58	A Metal-Free Three-Component Reaction of <i>trans</i> - $\beta^2$ -Nitrostyrene Derivatives, Dibromo Amides, and Amines Leading to Functionalized Amidines. Journal of Organic Chemistry, 2019, 84, 1015-1024.	3.2	19
59	Luminescence-colour-changing sensing toward neurological drug carbamazepine in water and biofluids based on white light-emitting CD/Ln-MOF/PVA test papers. Journal of Materials Chemistry C, 2021, 9, 8683-8693.	5.5	19
60	Magnetic dynamics of two salen type Dy(II) complexes modulated by coordination geometry. RSC Advances, 2015, 5, 96573-96579.	3.6	18
61	2D $\beta^2$ -toluoyl-tartaric acid Lanthanide Coordination Polymers: Toward Single-component White-Light and NIR Luminescent Materials. Chemistry - an Asian Journal, 2016, 11, 555-560.	3.3	18
62	A strategy of two-step tandem catalysis towards direct N-alkylation of nitroarenes with ethanol via facile fabricated novel Co-based catalysts derived from coordination polymers. Journal of Catalysis, 2019, 376, 106-118.	6.2	18
63	Bimetallic CuZn-MOFs derived Cu-ZnO/C catalyst for reductive amination of nitroarenes with aromatic aldehydes tandem reaction. Applied Surface Science, 2021, 569, 151033.	6.1	18
64	Single-ion magnets with <i>D</i> <sub>4d</sub> symmetry based on electron-donating $\beta^2$ -diketonate Dy(III) complexes. New Journal of Chemistry, 2018, 42, 8438-8444.	2.8	15
65	Metal-Organic Framework-Derived Ceria-Supported Ni-Co Alloy Nanocatalysts for Hydrogenation of Nitroarenes. ACS Applied Nano Materials, 2020, 3, 10796-10804.	5.0	15
66	A highly efficient Co-based catalyst fabricated by coordination-assisted impregnation strategy towards tandem catalytic functionalization of nitroarenes with various alcohols. Journal of Catalysis, 2021, 404, 462-474.	6.2	15
67	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
68	Efficient tandem catalytic N-alkylation of nitroarenes with alcohols via a Co/CeO <sub>2</sub> -CN catalyst derived from a tri-metallic Co-Zn-Ce coordination polymer. Applied Surface Science, 2022, 592, 153250.	6.1	14
69	pH-dependent syntheses, luminescence and magnetic properties of two-dimensional framework lanthanide 1,3-diarylphosphonate complexes. New Journal of Chemistry, 2014, 38, 1328.	2.8	13
70	Enhanced catalytic performance of nitrogen-doped carbon supported FeO <sub>x</sub> -based catalyst derived from electrospun nanofiber crosslinked N, Fe-containing MOFs for efficient hydrogenation of nitroarenes. Molecular Catalysis, 2019, 477, 110544.	2.0	13
71	A highly efficient LaOCl supported Fe <sub>3</sub> C-based catalyst for hydrogenation of nitroarenes fabricated by coordination-assisted pyrolysis. Catalysis Science and Technology, 2021, 11, 4627-4635.	4.1	13
72	Acid-Enabled Palladium-Catalyzed $\beta^2$ -C(sp <sup>3</sup> )-H Functionalization of Weinreb Amides. Journal of Organic Chemistry, 2021, 86, 7872-7880.	3.2	13

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73	Single molecular magnet of lanthanide coordination polymer with 1D helical-like chain based on flexible Salen-type ligand. <i>Polyhedron</i> , 2017, 129, 157-163.	2.2	12
74	Effect of nuclearity and symmetry on the single-molecule magnets behavior of seven-coordinated $\beta^2$ -diketonate Dy(III) complexes. <i>Journal of Solid State Chemistry</i> , 2019, 274, 295-302.	2.9	11
75	Luminescence and nonlinear optics of 1D N,N'-bis(salicylidene)-1,2-cyclohexanediamine lanthanide coordination polymers. <i>Synthetic Metals</i> , 2014, 192, 29-36.	3.9	10
76	Asymmetry-unit-dominated double slow-relaxation modes of 2,6-dimethyl-3,5-heptanedione dysprosium SMMs. <i>RSC Advances</i> , 2017, 7, 49701-49709.	3.6	10
77	Single molecule magnet of 2D Salen-type dysprosium coordination polymer. <i>Inorganic Chemistry Communication</i> , 2015, 54, 5-8.	3.9	9
78	Structure and luminescent properties of 2D Salen-type lanthanide coordination polymers from the flexible N,N'-bis(salicylidene)-1,4-butanediamine ligand. <i>Polyhedron</i> , 2015, 94, 90-95.	2.2	9
79	Eu <sup>3+</sup> /TFA Functionalized MOF as Luminescent Enhancement Platform: A Ratiometric Luminescent Sensor for Hydrogen Sulfide in Aqueous Solution. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 2124-2132.	3.7	9
80	Slow relaxation of two dimensional salen type lanthanide coordination polymer. <i>Inorganica Chimica Acta</i> , 2020, 507, 119455.	2.4	9
81	A two dimensional heterospin layer coordination polymer of {[LCuII GdIII(NO <sub>3</sub> )Cu <sub>2</sub> (CN) <sub>4</sub> ]·MeOH} <sub>n</sub> with short Cu <sup>I</sup> -Cu <sup>I</sup> bonds. <i>CrystEngComm</i> , 2010, 12, 4084.	2.6	8
82	In situ recrystallization of lanthanide coordination polymers: from 1D ladder chains to 1D linear chains. <i>CrystEngComm</i> , 2016, 18, 3079-3085.	2.6	8
83	Structures and luminescent sensors of mixed counterions based salen-type lanthanide coordination polymers. <i>Luminescence</i> , 2018, 33, 1040-1047.	2.9	8
84	Local Geometry Symmetry and Electrostatic Distribution Dominated Eight-Coordinate $\beta^2$ -Diketone Dy(III) SIMs. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1413-1420.	2.0	8
85	Visible Light-Mediated Metal-Free Decarboxylative Deuteration of Carboxylic Acid. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4725.	1.3	8
86	Luminescence-Color-Changing Sensing toward Melamine Based on a White-Light-Emitting Film. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2998-3008.	4.4	7
87	Hexagonal AgBr crystal plates for efficient photocatalysis through two methods of degradation: methyl orange oxidation and Cr(VI) reduction. <i>RSC Advances</i> , 2017, 7, 25725-25731.	3.6	6
88	Highly Sensitive and Reliable NIR Luminescent Sensing Toward Nitroaromatic Antibiotics in Water. <i>Advanced Materials Technologies</i> , 2021, 6, 2100078.	5.8	6
89	NIR luminescence of one-dimensional tartaric acid derivatives neodymium coordination polymers. <i>Synthetic Metals</i> , 2016, 221, 319-325.	3.9	5
90	Construction of H <sub>6</sub> PW <sub>9</sub> V <sub>3</sub> O <sub>40</sub> @MOF for deep oxidative desulfurization of fuel oil. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	5

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91	Twoâ€Dimensional Lanthanideâ€Containing Coordination Frameworks: Structure, Magnetic and Luminescence Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 624-628.	1.2	4
92	Syntheses, Structures, and Magnetic Properties of Two DMTCNQ and DETCNQ Gadolinium Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 900-905.	1.2	2
93	One-pot self-assembly synthesis of $H_{3+x}PMo_{12}V_xO_{40}@[Cu_6O(TZl)_3]_x$ for enhanced proton conduction materials. <i>New Journal of Chemistry</i> , 2022, 46, 3909-3915.		
94	Salen-type mononuclear dysprosium complex displays significant performance of single-molecule magnet. <i>CrystEngComm</i> , 0, , .	2.6	2
95	Self-assembly solvothermal synthesis of $SiMoVn@[Cu_6O(TZl)_3(H_2O)_6]_4 \cdot nH_2O$ for efficient selective oxidation of various alkylbenzene. <i>New Journal of Chemistry</i> , 0, , .	2.8	2
96	Threeâ€Dimensional Heteropolynuclear $Zn_4Ln_2$ Coordination Frameworks: Structure and NIR Luminescent Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 2223-2227.	1.2	1
97	Magnetismâ€Structures Relationship of 3,5â€Heptanedione Dy(III) SMMs Based on the Nitrogenâ€Containing Auxiliary Ligand. <i>ChemistrySelect</i> , 2020, 5, 1781-1785.	1.5	1
98	Building Block Controlled Cd(II) Coordination Polymers from One Dimension Chain to Three Dimension Network. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1218-1225.	3.7	0