

Guamgming Li

List of Publications by Year in descending order

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papers

2,885
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#	ARTICLE	IF	CITATIONS
1	One-pot self-assembly synthesis of $\text{H}_3\text{PMo}_{12}\text{VO}_{40}$ @[Cu ₆ O(TZl) ₃] for enhanced proton conduction materials. <i>New Journal of Chemistry</i> , 2022, 46, 3909-3915.		
2	Construction of $\text{H}_6\text{PW}_9\text{V}_3\text{O}_{40}$ @MOF for deep oxidative desulfurization of fuel oil. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	5
3	Efficient tandem catalytic N-alkylation of nitroarenes with alcohols via a Co/CeO ₂ -CN catalyst derived from a tri-metallic Co-Zn-Ce coordination polymer. <i>Applied Surface Science</i> , 2022, 592, 153250.	6.1	14
4	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
5	Luminescence-colour-changing sensing toward neurological drug carbamazepine in water and biofluids based on white light-emitting CD/Ln-MOF/PVA test papers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8683-8693.	5.5	19
6	C4-arylation and domino C4-arylation/3,2-carbonyl migration of indoles by tuning Pd catalytic modes: Pd(<i>scpi</i>) vs. Pd(<i>scpii</i>) catalysis. <i>Chemical Science</i> , 2021, 12, 3216-3225.	7.4	44
7	A highly efficient LaOCl supported Fe ^{III} -C-based catalyst for hydrogenation of nitroarenes fabricated by coordination-assisted pyrolysis. <i>Catalysis Science and Technology</i> , 2021, 11, 4627-4635.	4.1	13
8	Highly efficient N-doped carbon supported FeS _x @Fe ₂ O ₃ catalyst for hydrogenation of nitroarenes via pyrolysis of sulfurized N,Fe-containing MOFs. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6294.	3.5	20
9	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
10	Acid-Enabled Palladium-Catalyzed $\text{I}^2\text{-C}(\text{sp}^3)\text{-H}$ Functionalization of Weinreb Amides. <i>Journal of Organic Chemistry</i> , 2021, 86, 7872-7880.	3.2	13
11	Highly Sensitive and Reliable NIR Luminescent Sensing Toward Nitro-Aromatic Antibiotics in Water. <i>Advanced Materials Technologies</i> , 2021, 6, 2100078.	5.8	6
12	Highly chemoselective synthesis of imine over Co/Zn bimetallic MOFs derived Co ₃ Zn-C-ZnO embed in carbon nanosheet catalyst. <i>Journal of Catalysis</i> , 2021, 401, 17-26.	6.2	22
13	Invisible luminescent inks and luminescent films based on lanthanides for anti-counterfeiting. <i>Inorganica Chimica Acta</i> , 2021, 526, 120541.	2.4	21
14	Bimetallic CuZn-MOFs derived Cu-ZnO/C catalyst for reductive amination of nitroarenes with aromatic aldehydes tandem reaction. <i>Applied Surface Science</i> , 2021, 569, 151033.	6.1	18
15	A highly efficient Co-based catalyst fabricated by coordination-assisted impregnation strategy towards tandem catalytic functionalization of nitroarenes with various alcohols. <i>Journal of Catalysis</i> , 2021, 404, 462-474.	6.2	15
16	Visible Light-Mediated Metal-Free Decarboxylative Deuteration of Carboxylic Acid. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4725.	1.3	8
17	Metal-Organic Framework-Derived Ceria-Supported Ni-Co Alloy Nanocatalysts for Hydrogenation of Nitroarenes. <i>ACS Applied Nano Materials</i> , 2020, 3, 10796-10804.	5.0	15
18	Cross-Dehydrogenative Coupling of Strong C ³ -H with N-Heteroarenes through Visible-Light-Induced Energy Transfer. <i>Organic Letters</i> , 2020, 22, 7709-7715.	4.6	70

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19	Slow relaxation of two dimensional salen type lanthanide coordination polymer. <i>Inorganica Chimica Acta</i> , 2020, 507, 119455.	2.4	9
20	Magnetism-Structures Relationship of 3,5-Heptanedione Dy(III) SMMs Based on the Nitrogen-Containing Auxiliary Ligand. <i>ChemistrySelect</i> , 2020, 5, 1781-1785.	1.5	1
21	Keggin-POM@rht-MOF-1 composite as heterogeneous catalysts towards ultra-deep oxidative fuel desulfurization. <i>Fuel</i> , 2020, 274, 117834.	6.4	36
22	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
23	Enhanced catalytic performance of nitrogen-doped carbon supported FeOx-based catalyst derived from electrospun nanofiber crosslinked N, Fe-containing MOFs for efficient hydrogenation of nitroarenes. <i>Molecular Catalysis</i> , 2019, 477, 110544.	2.0	13
24	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. <i>Journal of Catalysis</i> , 2019, 376, 106-118.	6.2	18
25	Visible-Light Mediated <i>ortho</i> -Trifluoromethylation of Aniline Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 14241-14247.	3.2	47
26	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
27	Highly Water-Stable Dye@Ln-MOFs for Sensitive and Selective Detection toward Antibiotics in Water. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21201-21210.	8.0	159
28	Eu ³⁺ /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
29	Organic photoredox catalytic decarboxylative cross-coupling of <i>gem</i> -difluoroalkenes with unactivated carboxylic acids. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2365-2370.	4.5	61
30	Effect of nuclearity and symmetry on the single-molecule magnets behavior of seven-coordinated η^2 -diketonate Dy(III) complexes. <i>Journal of Solid State Chemistry</i> , 2019, 274, 295-302.	2.9	11
31	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
32	Palladium-Catalyzed C-H 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
33	Visible Light Mediated C(sp ³)-H Alkenylation of Cyclic Ethers Enabled by Aryl Ketone. <i>ChemCatChem</i> , 2019, 11, 1606-1609.	3.7	30
34	Local Geometry Symmetry and Electrostatic Distribution Dominated Eight-Coordinate η^2 -Diketone Dy(III) SIMs. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1413-1420.	2.0	8
35	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
36	C5-selective trifluoromethylation of 8-amino quinolines via photoredox catalysis. <i>Journal of Fluorine Chemistry</i> , 2019, 219, 23-28.	1.7	37

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37	A Metal-Free Three-Component Reaction of <i>trans</i> - β -Nitrostyrene Derivatives, Dibromo Amides, and Amines Leading to Functionalized Amidines. <i>Journal of Organic Chemistry</i> , 2019, 84, 1015-1024.	3.2	19
38	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
39	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
40	High Catalytic Performance of a CeO ₂ -Supported Ni Catalyst for Hydrogenation of Nitroarenes, Fabricated via Coordination-Assisted Strategy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14698-14707.	8.0	101
41	Investigation of magneto-structural correlation based on a series of seven-coordinated β -diketone Dy(III) single-ion magnets with C_{2v} and C_{3v} local symmetry. <i>Dalton Transactions</i> , 2018, 47, 3976-3984.	3.3	22
42	Single-ion magnets with D_{4d} symmetry based on electron-donating β -diketonate Dy(III) complexes. <i>New Journal of Chemistry</i> , 2018, 42, 8438-8444.	2.8	15
43	A <i>para</i> -H Functionalization of Aniline Derivatives via In situ Generated Bulky Hypervalent Iodinium Reagents. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5972-5979.	2.4	49
44	Triple-Wavelength-Region Luminescence Sensing Based on a Color-Tunable Emitting Lanthanide Metal Organic Framework. <i>Analytical Chemistry</i> , 2018, 90, 6675-6682.	6.5	60
45	Structures and luminescent sensors of mixed counterions based salen-type lanthanide coordination polymers. <i>Luminescence</i> , 2018, 33, 1040-1047.	2.9	8
46	Luminescence and white-light emitting luminescent sensor of tetrafluoroterephthalate-lanthanide metal-organic frameworks. <i>Dalton Transactions</i> , 2017, 46, 4642-4653.	3.3	59
47	Highly Efficient White-Light Emission and UV-Visible/NIR Luminescence Sensing of Lanthanide Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2017, 17, 2178-2185.	3.0	86
48	Luminescence-colour-changing sensing of Mn ²⁺ and Ag ⁺ ions based on a white-light-emitting lanthanide coordination polymer. <i>Chemical Communications</i> , 2017, 53, 5067-5070.	4.1	49
49	Hexagonal AgBr crystal plates for efficient photocatalysis through two methods of degradation: methyl orange oxidation and CrVI reduction. <i>RSC Advances</i> , 2017, 7, 25725-25731.	3.6	6
50	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
51	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
52	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
53	A series of dinuclear lanthanide(III) complexes constructed from Schiff base and β -diketonate ligands: synthesis, structure, luminescence and SMM behavior. <i>CrystEngComm</i> , 2016, 18, 4627-4635.	2.6	45
54	Auxiliary ligand field dominated single-molecule magnets of a series of indole-derivative β -diketone mononuclear Dy(III) complexes. <i>Dalton Transactions</i> , 2016, 45, 9148-9157.	3.3	20

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55	NIR luminescence of one-dimensional tartaric acid derivatives neodymium coordination polymers. <i>Synthetic Metals</i> , 2016, 221, 319-325.	3.9	5
56	Immobilization of Polyoxometalate in the Metal-Organic Framework rht-MOF-1: Towards a Highly Effective Heterogeneous Catalyst and Dye Scavenger. <i>Scientific Reports</i> , 2016, 6, 25595.	3.3	50
57	2D D_{2h} -toluoyl-tartaric acid Lanthanide Coordination Polymers: Toward Single-component White-Light and NIR Luminescent Materials. <i>Chemistry - an Asian Journal</i> , 2016, 11, 555-560.	3.3	18
58	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
59	Synthesis, structure, and tunable white light emission of heteronuclear Zn_2Ln_2 arrays using a zinc complex as ligand. <i>CrystEngComm</i> , 2016, 18, 917-923.	2.6	22
60	Exploiting single-molecule magnets of D_{2h} -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
61	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
62	Color-tunable and white-light emission of one-dimensional D_{2h} -di-2-thenoyltartaric acid mixed-lanthanide coordination polymers. <i>Dalton Transactions</i> , 2015, 44, 4640-4647.	3.3	42
63	A salen-type Dy_4 single-molecule magnet with an enhanced energy barrier and its analogues. <i>Dalton Transactions</i> , 2015, 44, 4046-4053.	3.3	31
64	Single molecule magnet of 2D Salen-type dysprosium coordination polymer. <i>Inorganic Chemistry Communication</i> , 2015, 54, 5-8.	3.9	9
65	Structure and luminescent properties of 2D Salen-type lanthanide coordination polymers from the flexible $\text{N,N}'$ -bis(salicylidene)-1,4-butanediamine ligand. <i>Polyhedron</i> , 2015, 94, 90-95.	2.2	9
66	Azacyclo-auxiliary ligand-tuned SMMs of dibenzoylmethane $\text{Dy}(\text{D}_{2h})$ complexes. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 827-836.	6.0	44
67	NIR luminescence of a series of benzoyltrifluoroacetone erbium complexes. <i>RSC Advances</i> , 2015, 5, 65856-65861.	3.6	35
68	Magnetic dynamics of two salen type Dy_2 complexes modulated by coordination geometry. <i>RSC Advances</i> , 2015, 5, 96573-96579.	3.6	18
69	Luminescent single molecule magnets of a series of D_{2h} -diketone dysprosium complexes. <i>RSC Advances</i> , 2015, 5, 94802-94808.	3.6	19
70	Near-IR Luminescence and Field-Induced Single Molecule Magnet of Four Salen-type Ytterbium Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 221-228.	4.0	61
71	Construction of POMOFs with different degrees of interpenetration and the same topology. <i>CrystEngComm</i> , 2015, 17, 633-641.	2.6	25
72	pH-dependent syntheses, luminescence and magnetic properties of two-dimensional framework lanthanide 1,3-diarylphosphonate complexes. <i>New Journal of Chemistry</i> , 2014, 38, 1328.	2.8	13

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73	NIR luminescence of 2-(2,2,2-trifluoroethyl)-1-indone (TFI) neodymium and ytterbium complexes. Journal of Luminescence, 2014, 146, 205-210.	3.1	29
74	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
75	Spontaneous Resolution of Racemic Salen-Type Ligand in the Construction of 3D Homochiral Lanthanide Frameworks. Crystal Growth and Design, 2014, 14, 5356-5360.	3.0	29
76	Towards full-color-tunable emission of two component Eu(III)-doped Gd(III) coordination frameworks by the variation of excitation light. Dalton Transactions, 2014, 43, 12574-12581.	3.3	30
77	Local Coordination Geometry Perturbed β^2 -Diketone Dysprosium Single-Ion Magnets. Inorganic Chemistry, 2014, 53, 8895-8901.	4.0	63
78	Luminescence and nonlinear optics of 1D N,N'-bis(salicylidene)-1,2-cyclohexanediamine lanthanide coordination polymers. Synthetic Metals, 2014, 192, 29-36.	3.9	10
79	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
80	pH-Dependent Syntheses, Luminescent, and Magnetic Properties of Two-Dimensional Framework Lanthanide Carboxyarylphosphonate Complexes. Crystal Growth and Design, 2013, 13, 3816-3824.	3.0	41
81	Syntheses, structure and near-infrared (NIR) luminescence of Er ₂ , Yb ₂ , ErYb of homodinuclear and heterodinuclear lanthanide(III) complexes based on salen ligand. CrystEngComm, 2013, 15, 6213.	2.6	25
82	Slow relaxation processes of salen type Dy ₂ complex and 1D ionic spiral Dy _n coordination polymer. CrystEngComm, 2013, 15, 1747.	2.6	48
83	NIR luminescence and catalysis of multifarious salen type ytterbium complexes modulated by anions. Dalton Transactions, 2013, 42, 13190.	3.3	22
84	Systematic study on the structures of salen type lanthanide complexes tuned by lanthanide contraction and corresponding luminescence. Dalton Transactions, 2013, 42, 9482.	3.3	32
85	Crystal engineering of salen type cerium complexes tuned by various cerium counterions. CrystEngComm, 2013, 15, 4167.	2.6	23
86	Highly luminescent bis-diketone lanthanide complexes with triple-stranded dinuclear structure. Dalton Transactions, 2012, 41, 900-907.	3.3	110
87	Syntheses of POM-templated MOFs containing the isomeric pyridyltetrazole. CrystEngComm, 2012, 14, 5053.	2.6	30
88	Syntheses Study of Keggin POM Supporting MOFs System. Crystal Growth and Design, 2012, 12, 2242-2250.	3.0	51
89	Novel quadridentate salen type triple-decker sandwich ytterbium complexes with near infrared luminescence. CrystEngComm, 2011, 13, 36-39.	2.6	51
90	Three-Dimensional Heteropolynuclear Zn ₄ Ln ₂ Coordination Frameworks: Structure and NIR Luminescent Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2223-2227.	1.2	1

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91	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
92	A two dimensional heterospin layer coordination polymer of {[LCuII GdIII(NO3)CuI2(CN)4]·MeOH} _n with short Cu ^I -Cu ^I bonds. <i>CrystEngComm</i> , 2010, 12, 4084.	2.6	8
93	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
94	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
95	Synthesis, characterization and fluorescence of lanthanide Schiff-base complexes. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1973-1982.	2.2	43
96	Ion size dominated 1D and 2D Salen lanthanide coordination complexes and their luminescence. <i>Polyhedron</i> , 2007, 26, 5382-5388.	2.2	35
97	Salen-type mononuclear dysprosium complex displays significant performance of single-molecule magnet. <i>CrystEngComm</i> , 0, , .	2.6	2
98	Self-assembly solvothermal synthesis of SiMoVn@[Cu6O(TZI)3(H2O)6]4·nH2O for efficient selective oxidation of various alkylbenzene. <i>New Journal of Chemistry</i> , 0, , .	2.8	2