

Jian-Jun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, crystal structure, luminescence and thermal decomposition kinetics of Eu(III) complex with 2,4-dichlorobenzoic acid and 2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 2009, 362, 3388-3394.	2.4	46
2	Preparation, characterization and properties of four new trivalent lanthanide complexes constructed using 2-bromine-5-methoxybenzoic acid and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2015, 44, 14877-14886.	3.3	45
3	A series of lanthanide complexes with different N-donor ligands: synthesis, structures, thermal properties and luminescence behaviors. <i>RSC Advances</i> , 2016, 6, 70770-70780.	3.6	29
4	Synthesis, Crystal Structure, and Thermal Decomposition Kinetics of the Complex of Dysprosium Benzoate with 2,2'-Bipyridine. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 69-74.	1.9	28
5	A series of binuclear lanthanide(III) complexes: Crystallography, antimicrobial activity and thermochemistry properties studies. <i>Journal of Molecular Structure</i> , 2015, 1081, 413-425.	3.6	22
6	Crystal structures, luminescence, and thermal properties of lanthanide complexes with 2,3,4-trimethoxybenzoic acid and 1,10-phenanthroline. <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 428-436.	2.0	21
7	Lanthanide complexes with 3,4,5-triethoxybenzoic acid and 1,10-phenanthroline: synthesis, crystal structures, thermal decomposition mechanism and phase transformation kinetics. <i>RSC Advances</i> , 2015, 5, 9261-9271.	3.6	20
8	Non-isothermal Decomposition Reaction Kinetics of the Magnesium Oxalate Dihydrate. <i>Chinese Journal of Chemistry</i> , 2006, 24, 360-364.	4.9	19
9	Preparation and thermal properties of lanthanide complexes with 2,3-dichlorobenzoic acid and 1,10-phenanthroline. <i>Thermochimica Acta</i> , 2011, 512, 118-123.	2.7	19
10	Five novel lanthanide complexes with 2-chloroquinoline-4-carboxylic acid and 1,10-phenanthroline: Crystal structures, molecular spectra, thermal properties and bacteriostatic activities. <i>Journal of Molecular Structure</i> , 2016, 1125, 383-390.	3.6	19
11	A series of lanthanide complexes with 2,3-dichlorobenzoic acid and 2,2':6''-terpyridine: Crystal structures, spectroscopic and thermal properties. <i>Thermochimica Acta</i> , 2015, 620, 28-35.	2.7	18
12	Crystal structures, luminescent properties and thermal decomposition kinetics of lanthanide complexes with 2-chloro-4-fluorobenzoic acid and 2,2'-bipyridine. <i>Journal of Molecular Structure</i> , 2010, 977, 17-25.	3.6	17
13	Crystal structures, luminescence, and thermodynamic properties of lanthanide complexes with 3,5-dimethoxybenzoic acid and 1,10-phenanthroline. <i>Journal of Chemical Thermodynamics</i> , 2013, 57, 169-177.	2.0	17
14	Synthesis, crystal structure and thermal decomposition mechanism of the complex [Sm(p-BrBA) ₃ bipy·H ₂ O]·2H ₂ O. <i>Journal of Alloys and Compounds</i> , 2008, 464, 277-281.	5.5	16
15	Synthesis, crystal structures and thermal decomposition kinetics of four new lanthanide complexes with 3,4-dimethylbenzoic acid and 1,10-phenanthroline. <i>Structural Chemistry</i> , 2010, 21, 165-173.	2.0	15
16	Molecular spectrum of lanthanide complexes with 2,3-dichlorobenzoic acid and 2,2'-bipyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 211-215.	3.9	15
17	Crystal structures, thermal properties, and luminescent properties of two novel mononuclear lanthanide complexes with 2,4-dichlorobenzoic acid and 2,2':6''-terpyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1703-1712.	3.6	14
18	Synthesis, crystal structures and thermodynamic properties of two novel lanthanide complexes based on 3,4-diethoxybenzoic acid and 2,2'-bipyridine. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 181-188.	2.0	13

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19	Preparation, crystal structures and properties of a series of novel lanthanide complexes based on 2,3-dimethoxybenzoic acid and 1,10-phenanthroline. <i>Polyhedron</i> , 2017, 135, 206-215.	2.2	12
20	Synthesis, characterization and thermal decomposition kinetics of Sm(III) complex with 2,4-dichlorobenzoate and 2,2'-bipyridine. <i>Journal of Alloys and Compounds</i> , 2008, 466, 281-286.	5.5	11
21	Novel lanthanide complexes constructed from 3, 4-dimethoxybenzoic acid: crystal structures, spectrum and thermochemical properties. <i>Thermochemica Acta</i> , 2015, 615, 1-7.	2.7	11
22	Lanthanide complexes with 3-bromine-4-methyl benzoic acid and 1,10-phenanthroline. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 105-116.	3.6	11
23	Construction of two novel lanthanide complexes supported by 2-bromine-5-methoxybenzoate and 2,2'-bipyridine: Syntheses, crystal structures and thermodynamic properties. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 124-131.	2.0	11
24	A series of novel lanthanide complexes with 2-bromine-5-methoxybenzoic acid and 2,2'-bipyridine: Syntheses, crystal structures, and luminescent properties. <i>Journal of Molecular Structure</i> , 2017, 1149, 171-182.	3.6	11
25	Rare earth complexes with 3,4-dimethylbenzoic acid and 2,2':6''-terpyridine: Synthesis, crystal structures, luminescence and thermodynamic properties. <i>Inorganica Chimica Acta</i> , 2019, 484, 311-318.	2.4	11
26	Construction of three types of lanthanide complexes based on 3,4-dimethylbenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Syntheses, Structures, Thermodynamic properties, Luminescence, and Bacteriostatic activities. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4438.	3.5	10
27	Two novel Sm(III) complexes with different aromatic carboxylic acid ligands: Synthesis, crystal structures, luminescence and thermal properties. <i>Polyhedron</i> , 2019, 158, 485-493.	2.2	10
28	Nonisothermal Kinetics of the Solid-Solid Phase Transitions in the Perovskite Type Layer Compounds (CnH2n+1NH3)2ZnCl4. <i>Chinese Journal of Chemistry</i> , 2008, 26, 216-219.	4.9	9
29	Syntheses, structures, magnetic and thermodynamics properties of tri-spin lanthanide complexes of nitronyl nitroxide. <i>Inorganica Chimica Acta</i> , 2015, 430, 1-7.	2.4	9
30	Four novel lanthanide complexes with 4-ethylbenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Structures, luminescent, thermal properties and bacteriostatic activities. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3886.	3.5	9
31	Lanthanide complexes with 2-bromo-5-methoxybenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Crystal structures, thermodynamic properties and luminescence behaviors. <i>Journal of Chemical Thermodynamics</i> , 2018, 123, 99-106.	2.0	9
32	Synthesis, crystal structures, luminescence and thermal properties of lanthanide complexes containing 2,5-dichlorobenzoic acid and 2,2':6''-terpyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1237-1248.	3.6	9
33	Crystal structures, luminescent properties and thermal decomposition kinetics of some binuclear lanthanide complexes with 2,3-dichlorobenzoic acid anion and 2,2'-bipyridine. <i>Structural Chemistry</i> , 2012, 23, 79-89.	2.0	8
34	Structure, luminescent and thermal properties of two novel lanthanide complexes with 3,4-diethoxybenzoic acid and 5,5'-dimethyl-2,2'-bipyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1549-1558.	3.6	8
35	Three novel Ho(III) complexes with different auxiliary ligands: Synthesis, crystal structures and thermal properties. <i>Polyhedron</i> , 2017, 132, 78-89.	2.2	8
36	Syntheses, characterization, luminescence, and thermal decomposition mechanism of four lanthanide complexes with 4-ethylbenzoic acid and terpyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 1575-1585.	3.6	7

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37	Lanthanide Complexes with 2,3-Dimethoxybenzoic Acid and Terpyridine: Crystal Structures, Thermal Properties, and Antibacterial Activities. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 889-894.	1.2	7
38	Crystal structures, spectroscopic, and thermal properties of Dysprosium (III) and Europium (III) complexes with 3-chloro-4-methoxybenzoic and 1,10-phenanthroline. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 1803-1810.	3.6	6
39	Synthesis, Crystal Structure, and Magnetic Property of New Trispin Ln(<i>scp</i> >III</scp>)â€Nitronyl Nitroxide Complexes. <i>Helvetica Chimica Acta</i> , 2016, 99, 732-741.	1.6	6
40	Crystal structure, thermochemical and fluorescent properties of two novel binuclear lanthanide complexes with 3-chloro-4-methoxybenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine. <i>Journal of Chemical Thermodynamics</i> , 2019, 132, 476-483.	2.0	6
41	A series of lanthanide complexes with 2-fluorobenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine: Synthesis, supramolecular structures, spectroscopy and thermal behaviour. <i>Journal of Solid State Chemistry</i> , 2021, 300, 122198.	2.9	6
42	Synthesis and crystal structure of the complex [Sm(p-MOBA)3bipy]2 Â· 2C2H5OH. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 739-745.	1.3	5
43	Crystal structures, antibacterial activity and thermal decomposition kinetics of lanthanide complexes with 4-chloro-2-methoxybenzoic acid and 1,10-phenanthroline. <i>Science Bulletin</i> , 2014, 59, 3398-3405.	1.7	5
44	Syntheses, crystal structures, luminescence and thermal properties of three lanthanide complexes with 2-bromine-5-methoxybenzoate and 2,2:6â€-2â€-terpyridine. <i>Polyhedron</i> , 2018, 144, 1-5.	2.2	5
45	Lanthanide complexes with 3-methoxybenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine: Crystal structures, luminescence and magnetic property. <i>Inorganica Chimica Acta</i> , 2018, 480, 140-148.	2.4	5
46	Construction of lanthanide complexes supported by 2,3â€-dimethoxybenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine: crystal structures, thermoanalysis, magnetic and fluorescence properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5212.	3.5	5
47	Synthesis, crystal structure, thermal, luminescent property and antibacterial activity of lanthanide ternary complexes with p-chlorobenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine. <i>Journal of Molecular Structure</i> , 2020, 1200, 127049.	3.6	5
48	Supramolecular structures, thermal decomposition mechanism and heat capacity of the novel binuclear Tb(III) and Dy(III) complexes with 2,3-dimethoxybenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 2435-2445.	3.6	5
49	Crystal structures and thermodynamic properties of lanthanide complexes with 2,6-dimethylbenzoic acid and 2,2â€:6â€-2â€-terpyridine. <i>Journal of Chemical Thermodynamics</i> , 2021, 152, 106293.	2.0	5
50	Supramolecular of lanthanide-2,6-dimethylbenzoic acid-2,2â€:6â€-2â€-terpyridine materials: Crystal structures, luminescent property, and thermochemical behaviour. <i>Polyhedron</i> , 2021, 194, 114892.	2.2	5
51	Synthesis and Thermochemical Properties of the Ternary Complex [Sm(<i>m</i> >NBA)3</i>phen]2</sub>Â·2H</sub>2</sub>O. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1688-1692.	1.9	4
52	Syntheses, structures, thermal stabilities and bacteriostatic activities of four lanthanide complexes. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2479-2491.	2.2	4
53	Crystal structures, luminescent and thermal properties of lanthanide complexes with 3,4-dimethylbenzoic acid and 2,2â€-bipyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1699-1707.	3.6	4
54	Synthesis, structures, thermal behaviour, luminescence and magnetic properties of lanthanide complexes constructed from 2,6â€-dimethylbenzoic acid and 5,5â€-dimethyl-2,2â€-bipyridine. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5418.	3.5	4

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55	A series of lanthanide complexes with 2,4-dimethylbenzoic acid and 2,2':6''-terpyridine: Supramolecular structures, thermal decomposition mechanism and photoluminescence. <i>Inorganica Chimica Acta</i> , 2020, 510, 119755.	2.4	4
56	Construction of lanthanide ternary complexes based on 2,4-difluorobenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Crystal structures, thermoanalysis and luminescence properties. <i>Thermochimica Acta</i> , 2021, 696, 178839.	2.7	4
57	Crystal structure, thermodynamic behavior, and luminescence properties of a new series of lanthanide halogenated aromatic carboxylic acid complexes. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104089.	4.9	4
58	Rare earth complexes with 3,4-dimethylbenzoic acid and 5,5'-dimethyl-2,2'-bipyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 873-883.	3.6	3
59	A neodymium(III) complex with 3, 4, 5 - triethoxybenzoic acid and 1,10-phenanthroline. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2583-2590.	3.6	3
60	Construction of lanthanide complexes based on 2,6-dimethylbenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Supramolecular structures, thermodynamic properties and luminescence. <i>Journal of Chemical Thermodynamics</i> , 2019, 135, 1-8.	2.0	3
61	Synthesis and crystal structure of the complex [Nd(2-EOBA) ₃ (phen)(H ₂ O)] ₂ · H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1914-1917.	1.3	2
62	Synthesis, crystal structures, and thermodynamic properties of two new lanthanide complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2993-3001.	3.6	2
63	Two Novel Binuclear Lanthanide Complexes with 2,5-Dichlorobenzoic Acid and 5,5'-dimethyl-2,2'-bipyridine: Crystal Structures, Luminescence and Thermal Properties. <i>ChemistrySelect</i> , 2018, 3, 8003-8009.		2
64	Construction of lanthanide complexes based on 3,4-dichlorobenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Supramolecular structures, thermodynamic properties and luminescent behaviors. <i>Polyhedron</i> , 2019, 169, 239-246.	2.2	2
65	Rare earth compounds with 3-methoxybenzoic acid and terpyridine ligands. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2687-2695.	3.6	2
66	Synthesis and structural characterization of lanthanide metal complexes by 2-fluorobenzoic acid with 2,2':6''-terpyridine, and their fluorescence properties. <i>Journal of Molecular Structure</i> , 2022, 1252, 132165.	3.6	2
67	Synthesis and Crystal Structures of Two New Lanthanide Coordination Polymers with 2,3-Dichlorobenzoic Acid and 4,4'-Bipyridine. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 445-449.	1.3	1
68	Syntheses, crystal structures, thermodynamic and fluorescent properties of dinuclear lanthanide complexes constructed with 2-fluorobenzoic acid and 5,5'-dimethyl-2,2'-bipyridine. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	1
69	Construction of six novel lanthanide complexes supported by 2,4-difluorobenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Structures, spectroscopies and thermochemical properties. <i>Thermochimica Acta</i> , 2021, 706, 179080.	2.7	1
70	Five Dinuclear Lanthanide Complexes Based on 2,4-dimethylbenzoic Acid and 5,5'-dimethyl-2,2'-bipyridine: Crystal Structures, Thermal Behaviour and Luminescent Property. <i>Frontiers in Chemistry</i> , 2021, 9, 726813.	3.6	1
71	Crystal structure, thermal decomposition behavior, and fluorescence property of lanthanide complexes with 2,4,6-trimethylbenzoic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	1
72	A series of new lanthanide complexes with 2-bromo-5-methoxybenzoic acid and 5,5'-dimethyl-2,2'-bipyridine: Crystal structures, thermal behavior, luminescent and magnetic properties. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4528.	3.5	0

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73	Synthesis, crystal structure, thermal behavior, and fluorescence property of lanthanide complexes based on 2,6-dimethylbenzoic acid and 1,10-phenanthroline. Chemical Papers, 0, , 1.	2.2	0