Jian-Jun Zhang

List of Publications by Year
in descending order

73	697	567281 15	713466 21
papers	citations	h-index	g-index

73	73	73	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and structural characterization of lanthanide metal complexes by 2-fluorobenzoic acid with 2,2â€²:6â€²,2â€³-terpyridine, and their fluorescence properties. Journal of Molecular Structure, 2022, 1252, 132165.	3.6	2
2	Crystal structure, thermodynamic behavior, and luminescence properties of a new series of lanthanide halogenated aromatic carboxylic acid complexes. Arabian Journal of Chemistry, 2022, 15, 104089.	4.9	4
3	Crystal structures and thermodynamic properties of lanthanide complexes with 2,6-dimethylbenzoic acid and 2,2â€²:6â€²,2â€²â€²-terpyridine. Journal of Chemical Thermodynamics, 2021, 152, 106293.	2.0	5
4	Construction of lanthanide ternary complexes based on 2,4-difluorobenzoic acid and 5,5'-dimethyl-2,2'â€“bipyridine: Crystal structures, thermoanalysis and luminescence properties. Thermochimica Acta, 2021, 696, 178839.	2.7	4
5	Supramolecular of lanthanide-2,6-dimethylbenzoic acid-2,2â€²:6â€²,2â€³-terpyridine materials: Crystal structures, luminescent property, and thermochemical behaviour. Polyhedron, 2021, 194, 114892.	2.2	5
6	A series of lanthanide complexes with 2-fluorobenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Synthesis, supramolecular structures, spectroscopy and thermal behaviour. Journal of Solid State Chemistry, 2021, 300, 122198.	2.9	6
7	Construction of six novel lanthanide complexes supported by 2,4-difluorobenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Structures, spectroscopies and thermochemical properties. Thermochimica Acta, 2021, 706, 179080.	2.7	1
8	Five Dinuclear Lanthanide Complexes Based on 2,4-dimethylbenzoic Acid and 5,5â€²-dimethy-2,2â€²-bipyridine: Crystal Structures, Thermal Behaviour and Luminescent Property. Frontiers in Chemistry, 2021, 9, 726813.	3.6	1
9	Synthesis, crystal structure, thermal, luminescent property and antibacterial activity of lanthanide ternary complexes with p-chlorobenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine. Journal of Molecular Structure, 2020, 1200, 127049.	3.6	5
10	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€²-dimety-2,2â€²-bipyridine. Journal of Thermal Analysis and Calorimetry, 2020, 140, 2435-2445.	3.6	5
11	Synthesis, structures, thermal behaviour, luminescence and magnetic properties of lanthanide complexes constructed from 2,6â€dimethylbenzoic acid and 5,5â€²â€dimethylâ€2,2â€²â€bipyridine. Applied Organometallic Chemistry, 2020, 34, e5418.	3.5	4
12	A series of lanthanide complexes with 2,4-dimethylbenzoic acid and 2,2:6â€²,2â€³-terpyridine: Supramolecular structures, thermal decomposition mechanism and photoluminescence. Inorganica Chimica Acta, 2020, 510, 119755.	2.4	4
13	Crystal structure, thermochemical and fluorescent properties of two novel binuclear lanthanide complexes with 3-chloro-4-methoxybenzoic acid and 5,5â€²-dimethy-2,2â€²-bipyridine. Journal of Chemical Thermodynamics, 2019, 132, 476-483.	2.0	6
14	Rare earth complexes with 3,4-dimethylbenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine. Journal of Thermal Analysis and Calorimetry, 2019, 136, 873-883.	3.6	3
15	A neodymium(III) complex with 3, 4, 5 - triethoxybenzoic acid and 1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2583-2590.	3.6	3
16	Construction of lanthanide complexes supported by 2,3â€dimethoxybenzoic acid and 5,5â€™â€dimethyâ€2,2â€™â€bipyridine: crystal structures, thermoanalysis, magnetic and fluorescence properties. Applied Organometallic Chemistry, 2019, 33, e5212.	3.5	5
17	Synthesis and Crystal Structures of Two New Lanthanide Coordination Polymers with 2,3-Dichlorobenzoic Acid and 4,4â€²-Bipyridine. Russian Journal of Inorganic Chemistry, 2019, 64, 445-449.	1.3	1
18	Construction of lanthanide complexes based on 3,4-dichlorobenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Supramolecular structures, thermodynamic properties and luminescent behaviors. Polyhedron, 2019, 169, 239-246.	2.2	2

#	Article	IF	Citations
19	Construction of lanthanide complexes based on 2,6â€dimethylbenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Supramolecular structures, thermodynamic properties and luminescence. Journal of Chemical Thermodynamics, 2019, 135, 1-8.	2.0	3
20	Two novel Sm(III) complexes with different aromatic carboxylic acid ligands: Synthesis, crystal structures, luminescence and thermal properties. Polyhedron, 2019, 158, 485-493.	2.2	10
21	Rare earth complexes with 3,4-dimethylbenzoic acid and 2,2:6â€²,2â€³-terpyridine: Synthesis, crystal structures, luminescence and thermodynamic properties. Inorganica Chimica Acta, 2019, 484, 311-318.	2.4	11
22	Rare earth compounds with 3-methoxybenzoic acid and terpyridine ligands. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2687-2695.	3.6	2
23	Lanthanide complexes with 2-bromo-5-methoxybenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Crystal structures, thermodynamic properties and luminescence behaviors. Journal of Chemical Thermodynamics, 2018, 123, 99-106.	2.0	9
24	Crystal structures, luminescent and thermal properties of lanthanide complexes with 3,4-dimethylbenzoic acid and 2,2â€²-bipyridine. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1699-1707.	3.6	4
25	Syntheses, crystal structures, luminescence and thermal properties of three lanthanide complexes with 2-bromine-5-methoxybenzoate and 2,2:6â€²,2â€³-terpyridine. Polyhedron, 2018, 144, 1-5.	2.2	5
26	Synthesis, crystal structures, and thermodynamic properties of two new lanthanide complexes. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2993-3001.	3.6	2
27	Synthesis, crystal structures, luminescence and thermal properties of lanthanide complexes containing 2,5-dichlorobenzoic acid and 2,2:6â€²,2â€³-terpyridine. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1237-1248.	3.6	9
28	A series of new lanthanide complexes with 2â€bromoâ€5â€methoxybenzoic acid and 5,5â€²â€dimethylâ€2,2â€²â€bipyridine: Crystal structures, thermal behavior, luminescent and magnetic properties. Applied Organometallic Chemistry, 2018, 32, e4528.	3.5	0
29	Lanthanide complexes with 3-methoxybenzoic acid and 5,5â€²-dimethyl-2,2â€²-bipyridine: Crystal structures, luminescence and magnetic property. Inorganica Chimica Acta, 2018, 480, 140-148.	2.4	5
30	Construction of three types of lanthanide complexes based on 3,4â€dimethylbenzoic acid and 5,5â€²â€dimethylâ€2,2â€²â€bipyridine: Syntheses, Structures, Thermodynamic properties, Luminescence, and Bacteriostatic activities. Applied Organometallic Chemistry, 2018, 32, e4438.	3.5	10
31	Two Novel Binuclear Lanthanide Complexes with 2,5â€Dichlorobenzoic Acid and 5,5â€™â€Dimethylâ€2,2â€™â€bipyridine: Crystal Structures, Luminescence and Thermal Properties. ChemistrySelect, 2018, 3, 8003-8009.	1.1	2
32	Syntheses, structures, thermal stabilities and bacteriostatic activities of four lanthanide complexes. Journal of Coordination Chemistry, 2017, 70, 2479-2491.	2.2	4
33	Three novel Ho(III) complexes with different auxiliary ligands: Synthesis, crystal structures and thermal properties. Polyhedron, 2017, 132, 78-89.	2.2	8
34	Four novel lanthanide complexes with 4â€ethylbenzoic acid and 5,5â€²â€dimethyâ€2,2â€²â€bipyridine: Structures, luminescent, thermal properties and bacteriostatic activities. Applied Organometallic Chemistry, 2017, 31, e3886.	3.5	9
35	Preparation, crystal structures and properties of a series of novel lanthanide complexes based on 2,3-dimethoxybenzoic acid and 1,10-phenanthroline. Polyhedron, 2017, 135, 206-215.	2.2	12
36	Construction of two novel lanthanide complexes supported by 2-bromine-5-methoxybenzoate and 2,2â€²-bipyridine: Syntheses, crystal structures and thermodynamic properties. Journal of Chemical Thermodynamics, 2017, 113, 124-131.	2.0	11

#	Article	IF	Citations
37	A series of novel lanthanide complexes with 2-bromine-5-methoxybenzoic acid and 2,2â€²-bipyridine: Syntheses, crystal structures, and luminescent properties. Journal of Molecular Structure, 2017, 1149, 171-182.	3.6	11
38	Lanthanide Complexes with 2,3-Dimethoxybenzoic Acid and Terpyridine: Crystal Structures, Thermal Properties, and Antibacterial Activities. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 889-894.	1.2	7
39	Five novel lanthanide complexes with 2-chloroquinoline-4-carboxylic acid and 1,10-phenanthroline: Crystal structures, molecular spectra, thermal properties and bacteriostatic activities. Journal of Molecular Structure, 2016, 1125, 383-390.	3.6	19
40	A series of lanthanide complexes with different N-donor ligands: synthesis, structures, thermal properties and luminescence behaviors. RSC Advances, 2016, 6, 70770-70780.	3.6	29
41	Crystal structures, thermal properties, and luminescent properties of two novel mononuclear lanthanide complexes with 2,4-dichlorobenzoic acid and 2,2â€²:6â€²,2â€³-terpyridine. Journal of Thermal Analysis and Calorimetry, 2016, 126, 1703-1712.	3.6	14
42	Synthesis, crystal structures and thermodynamic properties of two novel lanthanide complexes based on 3,4-diethoxybenzoic acid and 2,2â€²-bipyridine. Journal of Chemical Thermodynamics, 2016, 103, 181-188.	2.0	13
43	Synthesis, Crystal Structure, and Magnetic Property of New Trispin Ln(<scp>III</scp>)â€Nitronyl Nitroxide Complexes. Helvetica Chimica Acta, 2016, 99, 732-741.	1.6	6
44	Structure, luminescent and thermal properties of two novel lanthanide complexes with 3,4-diethoxybenzoic acid and 5,5â€²-dimethy-2,2â€²-bipyridine. Journal of Thermal Analysis and Calorimetry, 2016, 126, 1549-1558.	3.6	8
45	Syntheses, characterization, luminescence, and thermal decomposition mechanism of four lanthanide complexes with 4-ethylbenzoic acid and terpyridine. Journal of Thermal Analysis and Calorimetry, 2016, 124, 1575-1585.	3.6	7
46	Lanthanide complexes with 3-bromine-4-methyl benzoic acid and 1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2016, 123, 105-116.	3.6	11
47	Lanthanide complexes with 3,4,5-triethoxybenzoic acid and 1,10-phenanthroline: synthesis, crystal structures, thermal decomposition mechanism and phase transformation kinetics. RSC Advances, 2015, 5, 9261-9271.	3.6	20
48	Crystal structures, spectroscopic, and thermal properties of Dysprosium (III) and Europium (III) complexes with 3-chloro-4-methoxybenzoic and 1,10-phenanthroline. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1803-1810.	3.6	6
49	Preparation, characterization and properties of four new trivalent lanthanide complexes constructed using 2-bromine-5-methoxybenzoic acid and 1,10-phenanthroline. Dalton Transactions, 2015, 44, 14877-14886.	3.3	45
50	Syntheses, structures, magnetic and thermodynamics properties of tri-spin lanthanide complexes of nitronyl nitroxide. Inorganica Chimica Acta, 2015, 430, 1-7.	2.4	9
51	A series of lanthanide complexes with 2,3-dichlorobenzoic acid and 2,2:6â€²,2â€³-terpyridine: Crystal structures, spectroscopic and thermal properties. Thermochimica Acta, 2015, 620, 28-35.	2.7	18
52	Novel lanthanide complexes constructed from 3, 4-dimethoxybenzoic acid: crystal structures, spectrum and thermochemical properties. Thermochimica Acta, 2015, 615, 1-7.	2.7	11
53	A series of binuclear lanthanide(III) complexes: Crystallography, antimicrobial activity and thermochemistry properties studies. Journal of Molecular Structure, 2015, 1081, 413-425.	3.6	22
54	Molecular spectrum of lanthanide complexes with 2,3-dichlorobenzoic acid and 2,2-bipyridine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 211-215.	3.9	15

#	Article	IF	Citations
55	Crystal structures, antibacterial activity and thermal decomposition kinetics of lanthanide complexes with 4-chloro-2-methoxybenzoic acid and 1,10-phenanthroline. Science Bulletin, 2014, 59, 3398-3405.	1.7	5
56	Crystal structures, luminescence, and thermodynamic properties of lanthanide complexes with 3,5-dimethoxybenzoic acid and 1,10-phenanthroline. Journal of Chemical Thermodynamics, 2013, 57, 169-177.	2.0	17
57	Crystal structures, luminescence, and thermal properties of lanthanide complexes with 2,3,4-trimethoxybenzoic acid and 1,10-phenanthroline. Journal of Chemical Thermodynamics, 2012, 47, 428-436.	2.0	21
58	Crystal structures, luminescent properties and thermal decomposition kinetics of some binuclear lanthanide complexes with 2,3-dichlorobenzoic acid anion and 2,2â€²-bipyridine. Structural Chemistry, 2012, 23, 79-89.	2.0	8
59	Synthesis and crystal structure of the complex [Nd(2-EOBA)3(phen)(H2O)]2 Â· H2O. Russian Journal of Inorganic Chemistry, 2011, 56, 1914-1917.	1.3	2
60	Preparation and thermal properties of lanthanide complexes with 2,3-dichlorobenzoic acid and 1,10-phenanthroline. Thermochimica Acta, 2011, 512, 118-123.	2.7	19
61	Synthesis and crystal structure of the complex [Sm(p-MOBA)3bipy]2 Â· 2C2H5OH. Russian Journal of Inorganic Chemistry, 2010, 55, 739-745.	1.3	5
62	Synthesis, crystal structures and thermal decomposition kinetics of four new lanthanide complexes with 3,4-dimethylbenzoic acid and 1,10-phenanthroline. Structural Chemistry, 2010, 21, 165-173.	2.0	15
63	Crystal structures, luminescent properties and thermal decomposition kinetics of lanthanide complexes with 2-chloro-4-fluorobenzoic acid and 2,2â€²-bipyridine. Journal of Molecular Structure, 2010, 977, 17-25.	3.6	17
64	Synthesis and Thermochemical Properties of the Ternary Complex [Sm(m-NBA)₃phen]₂Â·2H₂O. Journal of Chemical & Engineering Data, 2010, 55, 1688-1692.	1.9	4
65	Synthesis, crystal structure, luminescence and thermal decomposition kinetics of Eu(III) complex with 2,4-dichlorobenzoic acid and 2,2â€²-bipyridine. Inorganica Chimica Acta, 2009, 362, 3388-3394.	2.4	46
66	Synthesis, Crystal Structure, and Thermal Decomposition Kinetics of the Complex of Dysprosium Benzoate with 2,2â€²-Bipyridine. Journal of Chemical & Engineering Data, 2009, 54, 69-74.	1.9	28
67	Nonisothermal Kinetics of the Solidâ€“Solid Phase Transitions in the Perovskite Type Layer Compounds (CnH2n+1NH3)2ZnCl4. Chinese Journal of Chemistry, 2008, 26, 216-219.	4.9	9
68	Synthesis, crystal structure and thermal decomposition mechanism of the complex [Sm(p-BrBA)3bipyÂ·H2O]2Â·H2O. Journal of Alloys and Compounds, 2008, 464, 277-281.	5.5	16
69	Synthesis, characterization and thermal decomposition kinetics of Sm(III)complex with 2,4-dichlorobenzoate and 2,2â€²-bipyridine. Journal of Alloys and Compounds, 2008, 466, 281-286.	5.5	11
70	Non-isothermal Decomposition Reaction Kinetics of the Magnesium Oxalate Dihydrate. Chinese Journal of Chemistry, 2006, 24, 360-364.	4.9	19
71	Syntheses, crystal structures, thermodynamic and fluorescent properties of dinuclear lanthanide complexes constructed with 2-fluorobenzoic acid and 5,5â€²-dimethy-2,2â€²-bipyridine. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	1
72	Crystal structure, thermal decomposition behavior, and fluorescence property of lanthanide complexes with 2,4,6-trimethylbenzoic acid. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	1

#	Article	IF	Citations
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