Chuan-Jiang Hu

List of Publications by Year
in descending order

57 papers	741 citations	623734 14 h-index	580821 25 g-index
57 all docs	57 docs citations	57 times ranked	634 citing authors

#	Article	IF	Citations
1	Electronic Configuration Assignment and the Importance of Low-Lying Excited States in High-Spin Imidazole-Ligated Iron(II) Porphyrinates. Journal of the American Chemical Society, 2005, 127, 5675-5688.	13.7	68
2	Electronic Configuration of High-Spin Imidazole-Ligated Iron(II) Octaethylporphyrinates. Inorganic Chemistry, 2006, 45, 4177-4185.	4.0	49
3	Just a Proton: Distinguishing the Two Electronic States of Five-Coordinate High-Spin Iron(II) Porphyrinates with Imidazole/ate Coordination. Journal of the American Chemical Society, 2010, 132, 3737-3750.	13.7	45
4	Four-Coordinate Iron(II) Porphyrinates:â€‰ Electronic Configuration Change by Intermolecular Interaction. Inorganic Chemistry, 2007, 46, 619-621.	4.0	42
5	m-Phthalic Diamide-Linked Zinc Bisporphyrinate: Spontaneous Resolution of Its Crystals and Its Application in Chiral Recognition of Amino Acid Esters. Inorganic Chemistry, 2014, 53, 3298-3306.	4.0	37
6	Hydrogen Bonding Effects on the Electronic Configuration of Five-Coordinate High-Spin Iron(II) Porphyrinates. Journal of the American Chemical Society, 2008, 130, 3127-3136.	13.7	35
7	Title is missing!. Transition Metal Chemistry, 2001, 26, 136-139.	1.4	29
8	Ligand Orientation Control in Low-Spin Six-Coordinate (Porphinato)iron(II) Species. Inorganic Chemistry, 2005, 44, 4346-4358.	4.0	29
9	Proton-Mediated Electron Configuration Change in High-Spin Iron(II) Porphyrinates. Journal of the American Chemical Society, 2005, 127, 15018-15019.	13.7	28
10	Chiral recognition of amino acid esters by a novel oxalic amide-linked bisporphyrin. Dalton Transactions, 2013, 42, 7651.	3.3	27
11	Hydrogen Bonding Influence of 1,10-Phenanthroline on Five-Coordinate High-Spin Imidazole-Ligated Iron(II) Porphyrinates. Inorganic Chemistry, 2008, 47, 8884-8895.	4.0	21
12	The Inclusion Compound of a New Ionizable Derivative of .BETA.-Cyclodextrin with Ferrocenium Drug.. Chemical and Pharmaceutical Bulletin, 2001, 49, 818-821.	1.3	15
13	Low-Spin Bis(2-methylimidazole)(octaethylporphyrinato)iron(III) Chloride (perp-[Fe(OEP)(2-MeHIm)2]Cl):Â A Consequence of Hydrogen Bonding?. Inorganic Chemistry, 2006, 45, 9721-9728.	4.0	15
14	Discrimination between alkyl and aryl substituents of chiral monoamines by m-phthalic diamide-linked zinc bisporphyrinates. Dalton Transactions, 2015, 44, 12511-12515.	3.3	15
15	Racemic titanium(IV) complexes of salicylideneamino acids. Transition Metal Chemistry, 2001, 26, 700-703.	1.4	14
16	Title is missing!. Transition Metal Chemistry, 2001, 26, 295-299.	1.4	14
17	One-pot synthesis of 5-(8-ethoxycarbonyl-1-naphthyl)-10,15,20-triphenyl porphyrin (ENTPP) and spontaneous resolution upon crystallization. Journal of Porphyrins and Phthalocyanines, 2011, 15, 197-201.	0.8	14
18	Sulfoxide as a Ligand in Iron(II) Porphyrinates:â€‰ S- or O-Bound?. Inorganic Chemistry, 2007, 46, 8258-8263.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Nuclear Resonance Vibrational Spectra of Five-Coordinate Imidazole-Ligated Iron(II) Porphyrinates. Inorganic Chemistry, 2012, 51, 1359-1370.	4.0	13
20	All high-spin (S = 2) iron(<scp>ii</scp>) hemes are NOT alike. Dalton Transactions, 2015, 44, 18301-18310.	3.3	13
21	On Spin Hamiltonian fits to MÃ¶ssbauer spectra of high-spin Fe(II) porphyrinate systems. Hyperfine Interactions, 2007, 170, 55-60.	0.5	11
22	Electronic Configuration of Five-Coordinate High-Spin Pyrazole-Ligated Iron(II) Porphyrinates. Inorganic Chemistry, 2010, 49, 10984-10991.	4.0	11
23	Chirality Transfer from Chiral Monoamines to an m-Phthalic Diamide-Linked Zinc Bisporphyrinate with a Benzylamide Substituent. Inorganic Chemistry, 2017, 56, 10204-10214.	4.0	11
24	Stoichiometrically controlled chirality inversion in zinc bisporphyrinateâ€“monoamine complexes. Dalton Transactions, 2018, 47, 5503-5512.	3.3	11
25	Porphyrinâ€based NiFe Porous Organic Polymer Catalysts for the Oxygen Evolution Reaction. ChemCatChem, 2021, 13, 1396-1402.	3.7	11
26	Probing Heme Vibrational Anisotropy: An Imidazole Orientation Effect?. Inorganic Chemistry, 2013, 52, 11361-11369.	4.0	10
27	Crystallographic and Spectroscopic Studies of a Hostâ€“Guest Complex Consisting of a Novel Zinc Trisporphyrinate and a Chiral Monoamine. Inorganic Chemistry, 2016, 55, 3730-3737.	4.0	10
28	Host-guest assembly for highly sensitive probing of a chiral mono-alcohol with a zinc trisporphyrinate. Scientific Reports, 2017, 7, 3829.	3.3	10
29	A Schiff-base porphyrin complex with double intramolecular hydrogen bonds. Journal of Coordination Chemistry, 2011, 64, 2101-2109.	2.2	9
30	Syntheses of two copper metal-organic frameworks with tri(1,2,4-triazole) and biscarboxylate and graphene oxide composites for decomposition of dye by visible-light driven and ultrasonic assisted. Journal of Solid State Chemistry, 2022, 307, 122864.	2.9	9
31	Absolute Configurational Assignments of Amino Acid Esters by a CDâ€Sensitive Malonamideâ€Linked Zinc Bisporphyrinate Host. Chinese Journal of Chemistry, 2014, 32, 797-802.	4.9	8
32	Evolution of Nanoflowers and Nanospheres of Zinc Bisporphyrinate Tweezers at the Air/Water Interface. Langmuir, 2017, 33, 3694-3701.	3.5	8
33	Intramolecular photo-substitution in the inclusion compound of mono[6-deoxy-6-(2-butenedinitrile-2,3-dimercapto sodium salt)]Ã¢â,¬â€œÃŽÂ²-cyclodextrin with cyclopentadienyl manganese tricarbonyl in DMF solution. Dalton Transactions RSC, 2001, , 3052-3055.	2.3	7
34	Effects of Imidazole Deprotonation on Vibrational Spectra of High-Spin Iron(II) Porphyrinates. Inorganic Chemistry, 2013, 52, 3170-3177.	4.0	7
35	Rationalization of chirality induction and inversion in a zinc trisporphyrinate by a chiral monoalcohol. Dalton Transactions, 2016, 45, 8073-8080.	3.3	7
36	Precise control of chirality transfer by adjusting the alkyl substituents of guests. Dyes and Pigments, 2019, 160, 692-699.	3.7	7

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37	High-spin [Fe(TTP)(THF)2]. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m830-m831.	0.2	6
38	Enantioselectivity of a tartaric acid amide linked zinc bisporphyrinate towards amino acid esters. Dyes and Pigments, 2020, 176, 108223.	3.7	6
39	Title is missing!. Transition Metal Chemistry, 2003, 28, 350-355.	1.4	5
40	Synthesis and Characterization of a Novel Phenolâ€tailed Porphyrin Ligand and Its Iron(III) Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 676-680.	1.2	5
41	Chirality-driven molecular packing structure difference and potential application for 3D printing of a series of bola-type Alaâ€"Phe dipeptides. New Journal of Chemistry, 2020, 44, 20726-20733.	2.8	5
42	The Role of Amino Acid Esters and the Amide Group in the Chiral Induction Process by a Novel Monoamideâ€Linked Monozinc Bisporphyrinate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2078-2085.	1.2	4
43	Title is missing!. Transition Metal Chemistry, 2000, 25, 141-144.	1.4	3
44	The highly saddled octaethyltetraphenylporphyrin-[H4OETPP] dichloride toluene 1.33-solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3128-o3128.	0.2	3
45	Dimeric structures of zinc and copper complexes of malonamide-linked bisporphyrin. Inorganic Chemistry Communication, 2019, 102, 158-161.	3.9	3
46	Synthesis and Characterization of 5,10â€•and 5,15â€Disubstituted Porphodimethenes. Chinese Journal of Chemistry, 2012, 30, 1715-1721.	4.9	2
47	Synthesis and characterization of Cu(II), Ni(II), and Fe(III) complexes of 5-(8-ethoxycarbonyl-1-naphthyl)-10,15,20-triphenyl porphyrin. Journal of Coordination Chemistry, 2013, 66, 2367-2377.	2.2	2
48	Syntheses and characterization of a series of asymmetric porphyrins containing an 8-ethoxycarbonyl-1-naphthyl group. Journal of Porphyrins and Phthalocyanines, 2013, 17, 392-398.	0.8	2
49	Synthesis and Characterization of Iron(III) Complexes of 5â€(8â€Carboxyâ€1â€naphthyl)â€10, 15, 20â€tritolyl Porphyrin. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 952-959.	1.2	2
50	Metal complexes of a phenol-tailed porphyrin with different hydrogen bonds. Journal of Coordination Chemistry, 2016, 69, 2308-2317.	2.2	2
51	A study of the effect of axial ligand steric hindrance. Journal of Porphyrins and Phthalocyanines, 2018, 22, 588-595.	0.8	2
52	Crystallographic and DFT studies on host-guest complexes consisting of zinc bisporphyrinates and 1-phenylethylamine. Journal of Coordination Chemistry, 2019, 72, 1156-1170.	2.2	2
53	Different hydrogen-bonding patterns in two [Zn(ENTPP)] complexes with water or methanol as ligands. Journal of Coordination Chemistry, 2012, 65, 1905-1914.	2.2	1
54	Synthesis and characterization of 4-chlorobutyl ester of 5-(8-carboxyl-1-naphthyl)-10,15,20-triphenyl-porphyrin and its zinc complex. Inorganic and Nano-Metal Chemistry, 2017, 47, 597-602.	1.6	1

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55	Hydrogen-Bonding Effects in Five-Coordinate High-Spin Imidazole-Ligated Iron(II) Porphyrinates. Inorganic Chemistry, 2018, 57, 793-803.	4.0	1
56	Crystallographic and computational studies of a tartaric acid amide linked zinc bisporphyrinate. Inorganic Chemistry Communication, 2021, 126, 108492.	3.9	1
57	Synthesis and crystallographic characterization of a brominated porphyrin with a nitrophenyl substituent and its iron derivative. Journal of Porphyrins and Phthalocyanines, 2018, 22, 751-757.	0.8	0