Haifeng Xiang

List of Publications by Year
in descending order

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83	4,399	101384	106150
papers	citations	36 h-index	65 g-index

101	101	101	5743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Syntheses and photophysical properties of axially chiral thiazolothiazoles: Multi-stimuli-responsive fluorescence and circularly polarized luminescence. Dyes and Pigments, 2022, 197, 109906.	2.0	8
2	Highly Phosphorescent Planar Chirality by Bridging Two Square-Planar Platinum(II) Complexes: Chirality Induction and Circularly Polarized Luminescence. Journal of the American Chemical Society, 2022, 144, 2233-2244.	6.6	55
3	Selective Activation of Unstrained C(O)â€“C Bond in Ketone Suzukiâ€“Miyaura Coupling Reaction Enabled by Hydride-Transfer Strategy. Organic Letters, 2022, 24, 1372-1377.	2.4	6
4	Nickel-Catalyzed Synthesis of an Aryl Nitrile via Aryl Exchange between an Aromatic Amide and a Simple Nitrile. ACS Catalysis, 2022, 12, 4688-4695.	5.5	18
5	Room-Temperature Phosphorescence of Pure Axially Chiral Bicarbazoles. Journal of Physical Chemistry Letters, 2022, 13, 5838-5844.	2.1	18
6	Multi-stimuli-responsive fluorescence of axially chiral 4-ene-Î²-Diketones. Dyes and Pigments, 2021, 184, 108851.	2.0	12
7	Axially Chiral Bis-Cycloplatinated Binaphthalenes and Octahydro-Binaphthalenes for Efficient Circularly Polarized Phosphorescence in Solution-Processed Organic Light-Emitting Diodes. Inorganic Chemistry, 2021, 60, 13557-13566.	1.9	30
8	Ultralowâ€Molecularâ€Weight Stimuliâ€Responsive and Multifunctional Supramolecular Gels Based on Monomers and Trimers of Hydrazides. Chemistry - an Asian Journal, 2020, 15, 3370-3378.	1.7	6
9	Reversible Chromatic Change of Supramolecular Gels for Visual and Selective Chiral Recognition of Histidine. ACS Applied Bio Materials, 2020, 3, 7236-7242.	2.3	10
10	Solid-state photochromic molecular switches based on axially chiral and helical spiropyrans. Dyes and Pigments, 2020, 181, 108597.	2.0	25
11	Rhodium-Catalyzed Transarylation of Benzamides: Câ€“C Bond vs Câ€“N Bond Activation. ACS Catalysis, 2020, 10, 3398-3403.	5.5	27
12	Rhodium-catalyzed annulative coupling of N-aryl-2-aminopyridine and propargylic amine via selective Câ€“C and Câ€“H bond activation. Chemical Communications, 2020, 56, 2284-2287.	2.2	7
13	A simple and visual approach for enantioselective recognition through supramolecular gels with specific selectivity. Chemical Communications, 2019, 55, 9873-9876.	2.2	23
14	Synthesis of 2-Arylindoles by Rhodium-Catalyzed/Copper-Mediated Annulative Coupling of N-Aryl-2-aminopyridines and Propargyl Alcohols via Selective Câ€“H/Câ€“C Activation. Organic Letters, 2019, 21, 7455-7459.	2.4	34
15	Smart, chiral, and nonconjugated cyclohexane-based bis-salicylaldehyde hydrazides: multi-stimuli-responsive, turn-on, ratiometric, and thermochromic fluorescence, single-crystal structures via DFT calculations. Journal of Materials Chemistry C, 2019, 7, 6767-6778.	2.7	25
16	Syntheses, crystal structures, chirality and aggregation-induced phosphorescence of stacked binuclear platinum(<scp>ii</scp>) complexes with bridging Salen ligands. Materials Chemistry Frontiers, 2019, 3, 1199-1208.	3.2	22
17	1D-helical platinum(<scp>ii</scp>) complexes bearing metal-induced chirality, aggregation-induced red phosphorescence, and circularly polarized luminescence. Dalton Transactions, 2019, 48, 4420-4428.	1.6	37
18	Rhodium-Catalyzed Pyridine N-Oxide Assisted Suzukiâ€“Miyaura Coupling Reaction via C(O)â€“C Bond Activation. Organic Letters, 2019, 21, 9790-9794.	2.4	20

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19	Unusual Circularly Polarized and Aggregationâ€Induced Nearâ€Infrared Phosphorescence of Helical Platinum(II) Complexes with Tetradentate Salen Ligands. Chemistry - A European Journal, 2018, 24, 7128-7132.	1.7	66
20	Transition metal free oxygenation of 8-aminoquinoline amides in water. Green Chemistry, 2018, 20, 2472-2476.	4.6	34
21	Rhodium(III)â€Catalyzed Thiolation of Azobenzenes. Asian Journal of Organic Chemistry, 2018, 7, 439-443.	1.3	10
22	Fluorescent Zn^{II} Chemosensor Mediated by a 1,8â€Naphthyridine Derivative and Itâ€²s Photophysical Properties. ChemistryOpen, 2018, 7, 639-644.	0.9	3
23	Rh(III)â€Catalyzed Câ€H Amination of Azobenzenes with Anthranils. Asian Journal of Organic Chemistry, 2018, 7, 1844-1848.	1.3	6
24	Palladium-catalyzed C(carbonyl)â€“C bond cleavage of amides: a facile access to phenylcarbamate derivatives with alcohols. Chemical Communications, 2018, 54, 8606-8609.	2.2	10
25	Multiple Hydrogen Bonds Promoted ESIPT and AIEâ€active Chiral Salicylaldehyde Hydrazide. Chinese Journal of Chemistry, 2018, 36, 698-707.	2.6	32
26	Nonconjugated Fluorescent Molecular Cages of Trinuclear Fluoroborate Complexes with Salicylaldehyde-Based Schiff Base Ligands. ACS Omega, 2018, 3, 8992-9002.	1.6	13
27	Synthesis of 2-substituted benzo[b]thiophene via a Pd-catalyzed coupling of 2-iodothiophenol with phenylacetylene. RSC Advances, 2017, 7, 7753-7757.	1.7	17
28	Non-conjugated fluorescent molecular cages of salicylaldehyde-based tri-Schiff bases: AIE, enantiomers, mechanochromism, anion hosts/probes, and cell imaging properties. Materials Chemistry Frontiers, 2017, 1, 1041-1050.	3.2	51
29	Chiral and non-conjugated fluorescent salen ligands: AIE, anion probes, chiral recognition of unprotected amino acids, and cell imaging applications. RSC Advances, 2017, 7, 40640-40649.	1.7	37
30	Synthesis of 2â€Arylbenzothiazoles by Copperâ€Catalyzed Oneâ€Pot Threeâ€Component Reactions in Water. Journal of Heterocyclic Chemistry, 2016, 53, 1207-1213.	1.4	9
31	Design and Synthesis of 2â€Methylâ€7â€aminobenzoxazole as Auxiliary in the Palladium(II)â€Catalyzed Arylation of a betaâ€Positioned C(sp³)ï£¿H Bond. Advanced Synthesis and Catalysis, 2016, 358, 887-893.	2.1	21
32	A Class of Multiresponsive Colorimetric and Fluorescent pH Probes via Three Different Reaction Mechanisms of Salen Complexes: A Selective and Accurate pH Measurement. Inorganic Chemistry, 2016, 55, 9221-9229.	1.9	40
33	Unusual Aggregation/Gelationâ€Induced Phosphorescence of Propellerâ€Type Binuclear Platinum(II) Enantiomers. European Journal of Inorganic Chemistry, 2016, 2016, 4862-4866.	1.0	40
34	Fluorescence Aggregation-Caused Quenching versus Aggregation-Induced Emission: A Visual Teaching Technology for Undergraduate Chemistry Students. Journal of Chemical Education, 2016, 93, 345-350.	1.1	258
35	Photophysical properties and pH sensing applications of luminescent salicylaldehyde derivatives. Research on Chemical Intermediates, 2016, 42, 5027-5048.	1.3	22
36	Synthesis of Î±-Ketoamides by Copper-Catalyzed Reactions of Phenylacetic Acids with N,N-Dialkylformamides. Synthetic Communications, 2015, 45, 1848-1856.	1.1	10

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37	Palladium-catalyzed direct arylation of phenols with aryl iodides. Organic and Biomolecular Chemistry, 2015, 13, 3571-3574.	1.5	15
38	Palladiumâ€Catalyzed Câ€“H Bond Acylation of Acetanilides with Benzylic Alcohols under Aqueous Conditions. European Journal of Organic Chemistry, 2015, 2015, 2463-2469.	1.2	34
39	Functionalized Salen ligands linking with non-conjugated bridges: unique and colorful aggregation-induced emission, mechanism, and applications. Journal of Materials Chemistry C, 2015, 3, 11099-11110.	2.7	55
40	Fluorescent metal ion chemosensors via cation exchange reactions of complexes, quantum dots, and metalâ€“organic frameworks. Analyst, The, 2015, 140, 7082-7115.	1.7	60
41	Ratiometric fluorescent pH probes based on aggregation-induced emission-active salicylaldehyde azines. New Journal of Chemistry, 2015, 39, 492-500.	1.4	101
42	Synthesis of Dibenzothiophenes by Pdâ€Catalyzed Dual Cï£¿H Activation from Diaryl Sulfides. Chemistry - A European Journal, 2014, 20, 7258-7261.	1.7	62
43	Optical Chemosensors Based on Transmetalation of Salen-Based Schiff Base Complexes. Inorganic Chemistry, 2014, 53, 3210-3219.	1.9	131
44	Quaternary ammonium salt as alkylation agent in three-component reactions for the synthesis of benzothiazoles in water. RSC Advances, 2014, 4, 27775-27779.	1.7	6
45	Palladium-catalyzed para-selective arylation of phenols with aryl iodides in water. Chemical Communications, 2013, 49, 7653.	2.2	59
46	Synthesis of Thioamides by Catalystâ€Free Threeâ€Component Reactions in Water. European Journal of Organic Chemistry, 2013, 2013, 7054-7057.	1.2	58
47	Microwave-assisted copper-catalyzed hydroxylation of aryl halides in water. RSC Advances, 2013, 3, 22837.	1.7	16
48	Colorimetric and fluorescent pH and Cu2+ probes induced by photoisomerization of a maleonitrile-based Salen ligand. Chemical Communications, 2013, 49, 11791.	2.2	60
49	Palladiumâ€Catalyzed Cï£¿H ortho Arylation of Benzoic Acids with Diaryliodonium Salts in Water. ChemCatChem, 2013, 5, 2839-2842.	1.8	58
50	Synthesis of disulfides and diselenides by copper-catalyzed coupling reactions in water. Organic and Biomolecular Chemistry, 2013, 11, 2943.	1.5	84
51	Near-infrared phosphorescence: materials and applications. Chemical Society Reviews, 2013, 42, 6128.	18.7	566
52	Synthesis and Photophysical Properties of Colorful Salen-Type Schiff Bases. Journal of Physical Chemistry C, 2013, 117, 16552-16563.	1.5	126
53	Copper(II)â€Catalyzed Reactions of Dimethylformamide with Phenylacetonitrile and Sulfur to Form N,Nâ€Dimethylthioamides. Advanced Synthesis and Catalysis, 2013, 355, 3141-3146.	2.1	41
54	Structureâ€“charge transport relationship of 5,15-dialkylated porphyrins. Chemical Communications, 2012, 48, 5139.	2.2	14

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55	Simple, selective, and sensitive colorimetric and ratiometric fluorescence/phosphorescence probes for platinum(ii) based on Salen-type Schiff bases. RSC Advances, 2012, 2, 10529.	1.7	65
56	Synthesis and photophysical properties of water-soluble sulfonato-Salen-type Schiff bases and their applications of fluorescence sensors for Cu2+ in water and living cells. Analytica Chimica Acta, 2012, 735, 96-106.	2.6	76
57	Synthesis of phenazines by Cu-catalyzed homocoupling of 2-halogen anilines in water. Journal of Organometallic Chemistry, 2012, 705, 75-78.	0.8	29
58	Detection of Fe3+ and Al3+ by Test Paper. Journal of Chemical Education, 2012, 89, 559-560.	1.1	19
59	Ratiometric optical oxygen sensing: a review in respect of material design. Analyst, The, 2012, 137, 4885.	1.7	198
60	Water-soluble porphyrin-based logic gates. Journal of Porphyrins and Phthalocyanines, 2012, 16, 72-76.	0.4	2
61	Tunable Fluorescent/Phosphorescent Platinum(II) Porphyrinâ€“Fluorene Copolymers for Ratiometric Dual Emissive Oxygen Sensing. Inorganic Chemistry, 2012, 51, 5208-5212.	1.9	102
62	Synthesis and Structure and Optical Properties of a Zinc(II) Tetrakis(phenylbutadiynyl)porphyrin. Heterocycles, 2012, 85, 1987.	0.4	2
63	Synthesis of 3-indole derivatives by copper sulfonato Salen catalyzed three-component reactions in water. Chemical Communications, 2011, 47, 3912.	2.2	63
64	Bis(5,7â€dimethylâ€8â€hydroxyquinolinato)platinum(II) Complex for Efficient Organic Heterojunction Solar Cells. Chemistry - an Asian Journal, 2011, 6, 3223-3229.	1.7	28
65	Catalytic hydroalkoxylation of alkenes by iron(III) catalyst. Tetrahedron Letters, 2011, 52, 318-320.	0.7	37
66	A Simple and Efficient Catalytic System for Coupling Aryl Halides with Aqueous Ammonia in Water. European Journal of Organic Chemistry, 2010, 2010, 1854-1857.	1.2	73
67	Highly Enantioselective Michael Addition of Malononitrile to Vinylogous Imine Intermediates Generated in situ from Arylsulfonyl Indoles. Chemistry - A European Journal, 2010, 16, 10955-10958.	1.7	64
68	Organic field-effect transistors fabricated with N,Nâ€²-substituted dialkyl-1,3,8,10-tetramethylquinacridone compounds. Applied Physics Letters, 2009, 95, 123305.	1.5	25
69	Metalâ€“Insulatorâ€“Metal Transistors. Advanced Materials, 2008, 20, 2120-2124.	11.1	8
70	A Highâ€Performance Organic Fieldâ€Effect Transistor Based on Platinum(II) Porphyrin: Peripheral Substituents on Porphyrin Ligand Significantly Affect Film Structure and Charge Mobility. Chemistry - an Asian Journal, 2008, 3, 1092-1103.	1.7	86
71	Field-effect transistor fabricated with nickel(II) etioporphyrin-I micrometer-sized crystals. Applied Physics Letters, 2008, 93, 223305.	1.5	11
72	Deep-red to near-infrared electrophosphorescence based on bis(8-hydroxyquinolato) platinum(II) complexes. Applied Physics Letters, 2008, 92, 163305.	1.5	28

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73	Star-configured carbazole as an efficient near-ultraviolet emitter and hole-transporting material for organic light-emitting devices. Applied Physics Letters, 2008, 92, .	1.5	11
74	Method for measurement of the density of thin films of small organic molecules. Review of Scientific Instruments, 2007, 78, 034104.	0.6	54
75	Nanocomposite field effect transistors based on zinc oxide/polymer blends. Applied Physics Letters, 2007, 90, 223509.	1.5	87
76	Improving efficiency of organic photovoltaic cells with pentacene-doped CuPc layer. Applied Physics Letters, 2007, 91, .	1.5	62
77	Efficient White Organic Lightâ€Emitting Devices Based on Phosphorescent Platinum(II)/Fluorescent Dualâ€Emitting Layers. Advanced Materials, 2007, 19, 3599-3603.	11.1	154
78	High-efficiency red electrophosphorescence based on neutral bis(pyrrole)-diimine platinum(ii) complex. Chemical Communications, 2005, , 1408.	2.2	103
79	High-efficiency electrophosphorescent organic light-emitting devices based on Schiff base platinum(II) complexes. , 2004, , .		2
80	Tetradentate Schiff base platinum(ii) complexes as new class of phosphorescent materials for high-efficiency and white-light electroluminescent devicesElectronic supplementary information (ESI) available: synthesis and spectroscopic, thermal (TGA), photophysical, electrochemical and EL characterization; CIF. See http://www.rsc.org/suppdata/cc/b4/b402318h/. Chemical Communications, 2004, , 1484.	2.2	221
81	Organic, polymer, and organic/inorganic hybrid light-emitting devices based on phosphorescent fluorinated platinum(II) porphyrin. , 2004, 5519, 218.		4
82	Efficient white and red light emission from GaN/tris-(8-hydroxyquinolato) aluminum/platinum(II) meso-tetrakis(pentafluorophenyl) porphyrin hybrid light-emitting diodes. Applied Physics Letters, 2003, 83, 1518-1520.	1.5	60
83	The 3(Ï€Ï€*) Emission of Cy3PAu(Câ‹®C)nAuPCy3 (n = 3, 4). Effect of Chain Length upon Acetylenic 3(Ï€Ï€*) Emission. Organometallics, 2002, 21, 2343-2346.	1.1	115