Chao Shi

List of Publications by Year
in descending order

20 papers	683 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	612 citing authors

#	Article	IF	Citations
1	Variable Photophysical Properties of Phosphorescent Iridium(III) Complexes Triggered by closoâ€• and nidoâ€Carborane Substitution. Angewandte Chemie - International Edition, 2013, 52, 13434-13438.	13.8	194
2	Carborane tuning of photophysical properties of phosphorescent iridium(iii) complexes. Chemical Communications, 2013, 49, 4746.	4.1	104
3	A carborane-triggered metastable charge transfer state leading to spontaneous recovery of mechanochromic luminescence. Chemical Communications, 2016, 52, 12494-12497.	4.1	82
4	B- and N-embedded color-tunable phosphorescent iridium complexes and Bâ€“N Lewis adducts with intriguing structural and optical changes. Chemical Science, 2019, 10, 3257-3263.	7.4	53
5	Carboranes Tuning the Phosphorescence of Iridium Tetrazolate Complexes. Chemistry - A European Journal, 2014, 20, 16550-16557.	3.3	48
6	A Singleâ€Anionâ€Based Redâ€Emitting Cationic Diiridium(III) Complex Bearing a Pyrimidineâ€Based Bridging Ligand for Oxygen Sensing. European Journal of Inorganic Chemistry, 2018, 2018, 1131-1136.	2.0	26
7	Three Types of Chargedâ€Ligandâ€Based Blueâ€“Green to Nearâ€Infrared Emitting Iridium Complexes: Synthesis, Structures, and Organic Lightâ€Emitting Diode Application. Advanced Optical Materials, 2021, 9, 2002060.	7.3	19
8	B- and N-Embedded Ï€-Conjugation Units Tuning Intermolecular Interactions and Optical Properties of Platinum(II) Complexes. Inorganic Chemistry, 2021, 60, 525-534.	4.0	14
9	An oxygen-bridged triarylamine polycyclic unit based tris-cyclometalated heteroleptic iridium(<scp>iii</scp>) complex: correlation between the structure and photophysical properties. Dalton Transactions, 2019, 48, 4596-4601.	3.3	12
10	Tuning the Photophysical and Excited State Properties of Phosphorescent Iridium(III) Complexes by Polycyclic Unit Substitution. ChemistryOpen, 2019, 8, 339-343.	1.9	11
11	Three types of charged ligand-based neutral phosphorescent iridium(<scp>iii</scp>) complexes featuring nido-carborane: synthesis, structures, and solution processed organic light-emitting diode applications. Dalton Transactions, 2021, 50, 16304-16310.	3.3	11
12	Three Types of Charged Ligands Based Carboxyl-Containing Iridium(III) Complexes: Structures, Photophysics, and Solution Processed OLED Application. Inorganic Chemistry, 2021, 60, 17699-17704.	4.0	10
13	Deep-Red/Near-Infrared to Blue-Green Phosphorescent Iridium(III) Complexes Featuring Three Differently Charged (0, â^'1, and â^'2) Ligands: Structures, Photophysics, and Organic Light-Emitting Diode Application. Inorganic Chemistry, 2022, 61, 10548-10556.	4.0	10
14	A Cu-NHC based phosphorescent binuclear iridium(iii)/copper(i) complex with an unpredictable near-linear two-coordination mode. Dalton Transactions, 2018, 47, 17299-17303.	3.3	9
15	Comparison of Structural and Optical Properties for Nâ€Embedded Polycyclic and Nonâ€Embedded Cationic Phosphorescent Iridium(III) Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 1343-1348.	2.0	7
16	Iridium(III) Complexes with [â^'2, â^'1, 0] Charged Ligand Realized Deepâ€Red/Nearâ€Infrared Phosphorescent Emission. Chemistry - A European Journal, 2022, 28, .	3.3	5
17	Eight Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) complexes based on the aromatic C-centered triangular multicarboxylate and N-donor mixed ligands. RSC Advances, 2016, 6, 54993-54998.	3.6	4
18	A New Facial Homoleptic Trisâ€cyclometalated Iridium(III) Complex with Oxygenâ€bridged Triarylamine Units. ChemistrySelect, 2020, 5, 4592-4595.	1.5	3

#	Article	IF	Citations
19	Oxygenâ€Bridged Triphenylamine Units Tuning the Photophysical Properties of Classical Phosphorescent Iridium(III) Complex. ChemistrySelect, 2021, 6, 1777-1781.	1.5	2
20	An Orangeâ€Emitting Phosphorescent Iridium(III) Complex Featuring Three Strong Electronâ€Donating Nâ€Embedded Ïâ€Conjugation Units. ChemistrySelect, 2022, 7, .	1.5	0