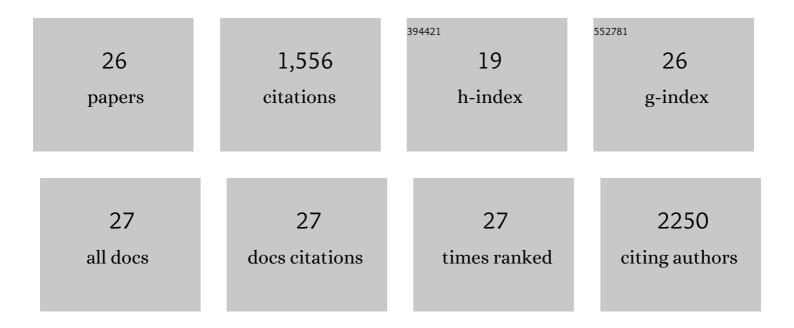
Wenliang Huang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Organometallic Chemistry of Lanthanides. , 2022, , 209-309.		Ο
2	Distinct electronic structures and bonding interactions in inverse-sandwich samarium and ytterbium biphenyl complexes. Chemical Science, 2021, 12, 227-238.	7.4	12
3	Homoleptic tris(6,6′-dimethyl-2,2′-bipyridine) rare earth metal complexes. Inorganic Chemistry Frontiers, 2021, 8, 2591-2602.	6.0	1
4	Rare Earth Metal Complexes Supported by a Tripodal Tris(amido) Ligand System Featuring an Arene Anchor. Inorganic Chemistry, 2021, 60, 15321-15329.	4.0	5
5	Arene-Bridged Dithorium Complexes: Inverse Sandwiches Supported by a δBonding Interaction. Journal of the American Chemical Society, 2020, 142, 21292-21297.	13.7	27
6	Large Increase in External Quantum Efficiency by Dihedral Angle Tuning in a Skyâ€Blue Thermally Activated Delayed Fluorescence Emitter. Advanced Optical Materials, 2019, 7, 1900476.	7.3	25
7	Molecular Design of Deep Blue Thermally Activated Delayed Fluorescence Materials Employing a Homoconjugative Triptycene Scaffold and Dihedral Angle Tuning. Chemistry of Materials, 2018, 30, 1462-1466.	6.7	71
8	Reduction of Diphenylacetylene Mediated by Rare-Earth Ferrocene Diamide Complexes. Organometallics, 2017, 36, 4643-4648.	2.3	20
9	Aromatic C–F Bond Activation by Rare-Earth-Metal Complexes. Organometallics, 2017, 36, 89-96.	2.3	29
10	Reactivity and Properties of Metal Complexes Enabled by Flexible and Redox-Active Ligands with a Ferrocene Backbone. Inorganic Chemistry, 2016, 55, 10013-10023.	4.0	41
11	Design of efficient molecular organic light-emitting diodes by a high-throughput virtual screening and experimental approach. Nature Materials, 2016, 15, 1120-1127.	27.5	708
12	Palladium atalyzed Nâ€Arylation of Iminodibenzyls and Iminostilbenes with Aryl―and Heteroaryl Halides. Chemistry - A European Journal, 2016, 22, 14186-14189.	3.3	26
13	CH Bond Activation of Hydrocarbons Mediated by Rare-Earth Metals and Actinides. Advances in Organometallic Chemistry, 2015, , 41-75.	1.0	16
14	Tetraanionic Biphenyl Lanthanide Complexes as Single-Molecule Magnets. Inorganic Chemistry, 2015, 54, 2374-2382.	4.0	49
15	Rare-earth metal π-complexes of reduced arenes, alkenes, and alkynes: bonding, electronic structure, and comparison with actinides and other electropositive metals. Dalton Transactions, 2015, 44, 15360-15371.	3.3	39
16	In situ synthesis of lanthanide complexes supported by a ferrocene diamide ligand: extension to redox-active lanthanide ions. New Journal of Chemistry, 2015, 39, 7696-7702.	2.8	14
17	Bimetallic Cleavage of Aromatic C–H Bonds by Rare-Earth-Metal Complexes. Journal of the American Chemical Society, 2014, 136, 17410-17413.	13.7	26
18	Group 3 metal stilbene complexes: synthesis, reactivity, and electronic structure studies. Chemical Communications, 2014, 50, 5221-5223.	4.1	31

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19	A six-carbon 10Ï€-electron aromatic system supported by group 3 metals. Nature Communications, 2013, 4, 1448.	12.8	57
20	Synthesis and Characterization of Paramagnetic Lanthanide Benzyl Complexes. Organometallics, 2013, 32, 1379-1386.	2.3	37
21	P ₄ Activation by Lanthanum and Lutetium Naphthalene Complexes Supported by a Ferrocene Diamide Ligand. European Journal of Inorganic Chemistry, 2013, 2013, 4090-4096.	2.0	56
22	P4 activation by group 3 metal arene complexes. Chemical Communications, 2012, 48, 2216.	4.1	91
23	Visible-light-induced reversible C–C bond formation of an imidazole-derived scandium complex. Inorganica Chimica Acta, 2012, 380, 274-277.	2.4	10
24	Transmetalation Reactions of a Scandium Complex Supported by a Ferrocene Diamide Ligand. Inorganic Chemistry, 2011, 50, 978-984.	4.0	42
25	Scandium Arene Inverted-Sandwich Complexes Supported by a Ferrocene Diamide Ligand. Journal of the American Chemical Society, 2011, 133, 10410-10413.	13.7	83
26	Group 3 Metal Complexes of Radical-Anionic 2,2′-Bipyridyl Ligands. Inorganic Chemistry, 2010, 49, 11493-11498.	4.0	39