

Haolin Yin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,309
citations

361413

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h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic enantioconvergent coupling of secondary and tertiary electrophiles with olefins. <i>Nature</i> , 2018, 563, 379-383.	27.8	287
2	NiXantphos: A Deprotonatable Ligand for Room-Temperature Palladium-Catalyzed Cross-Couplings of Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2014, 136, 6276-6287.	13.7	145
3	Luminescent Ce(III) Complexes as Stoichiometric and Catalytic Photoreductants for Halogen Atom Abstraction Reactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 9234-9237.	13.7	137
4	Cerium Photosensitizers: Structure-Function Relationships and Applications in Photocatalytic Aryl Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 5984-5993.	13.7	126
5	Mechanistic Investigation of Enantioconvergent Kumada Reactions of Racemic \pm -Bromoketones Catalyzed by a Nickel/Bis(oxazoline) Complex. <i>Journal of the American Chemical Society</i> , 2019, 141, 15433-15440.	13.7	123
6	Innentitelbild: Synergistic N-Heterocyclic Carbene/Palladium-Catalyzed Umpolung 1,4-Addition of Aryl Iodides to Enals (Angew. Chem. 1/2020). <i>Angewandte Chemie</i> , 2020, 132, 2-2.	2.0	110
7	The Hexachloroacetate(III) Anion: A Potent, Benchtop Stable, and Readily Available Ultraviolet A Photosensitizer for Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2016, 138, 16266-16273.	13.7	107
8	Understanding and Controlling the Emission Brightness and Color of Molecular Cerium Luminophores. <i>Journal of the American Chemical Society</i> , 2018, 140, 4588-4595.	13.7	60
9	Anomalous One-Electron Processes in the Chemistry of Uranium Nitrogen Multiple Bonds. <i>Inorganic Chemistry</i> , 2014, 53, 9129-9139.	4.0	57
10	Synergistic N-Heterocyclic Carbene/Palladium-Catalyzed Umpolung 1,4-Addition of Aryl Iodides to Enals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 161-166.	13.8	54
11	Regio- and Stereoselective Photoredox-Catalyzed Atom Transfer Radical Addition of Thiosulfonates to Aryl Alkynes. <i>Organic Letters</i> , 2020, 22, 5885-5889.	4.6	44
12	Fluorinated diarylamide complexes of uranium(III,IV) incorporating ancillary fluorine-to-uranium dative interactions. <i>Chemical Science</i> , 2013, 4, 798-805.	7.4	39
13	A New Class of Organocatalysts: Sulfenate Anions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10755-10758.	13.8	38
14	Electrophilic Ln(III) Cations Protected by C-F...Ln Interactions and Their Coordination Chemistry with Weak σ - and π -Donors. <i>Inorganic Chemistry</i> , 2013, 52, 8234-8243.	4.0	34
15	Investigation of Uranium Tris(imido) Complexes: Synthesis, Characterization, and Reduction Chemistry of $[\text{U}(\text{NDIPP})_3(\text{thf})_3]$. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9386-9389.	13.8	34
16	Metal-free aerobic oxidative coupling of amines in dimethyl sulfoxide via a radical pathway. <i>RSC Advances</i> , 2016, 6, 10861-10864.	3.6	27
17	Investigation of the C-N Bond-Forming Step in a Photoinduced, Copper-Catalyzed Enantioconvergent N-Alkylation: Characterization and Application of a Stabilized Organic Radical as a Mechanistic Probe. <i>Journal of the American Chemical Society</i> , 2022, 144, 4114-4123.	13.7	27
18	C-F...Ln/An interactions in synthetic f-element chemistry. <i>Dalton Transactions</i> , 2016, 45, 6313-6323.	3.3	26

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19	1,2-Coordination of 18-crown-6 to Ce(III) cations: solution dynamics and reactivity. <i>Chemical Communications</i> , 2014, 50, 3470.	4.1	21
20	Reactions of a cerium(III) amide with heteroallenes: insertion, silyl-migration and de-insertion. <i>Chemical Communications</i> , 2016, 52, 9813-9816.	4.1	20
21	Uranyl-oxo coordination directed by non-covalent interactions. <i>Dalton Transactions</i> , 2014, 43, 10844-10851.	3.3	19
22	Cerium(III) and Uranium(IV) Complexes of the 2-Fluorophenyl Trimethylsilyl Amide Ligand: C-F π Ln/An Interactions that Modulate the Coordination Spheres of f-Block Elements. <i>Inorganic Chemistry</i> , 2016, 55, 5684-5692.	4.0	14
23	Synergistic π -Heterocyclic Carbene/Palladium-Catalyzed Umpolung 1,4-Addition of Aryl Iodides to Enals. <i>Angewandte Chemie</i> , 2020, 132, 167-172.	2.0	10
24	Cerium(IV) complexes with guanidinate ligands: intense colors and anomalous electronic structures. <i>Chemical Science</i> , 2021, 12, 3558-3567.	7.4	10
25	Recent Advances in Rare-Earth Polynictides. <i>Chinese Journal of Chemistry</i> , 2020, 38, 295-304.	4.9	6
26	Facile Rh-C Bond Cleavage of Rhodium(III) Benzyl Porphyrin Complex in DMSO with Strong Bases. <i>Israel Journal of Chemistry</i> , 2016, 56, 188-191.	2.3	1