

Wu Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Silylation of Aliphatic C-H Bonds for the Synthesis of Silicon-Stereogenic Dihydrobenzosiloles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22217-22222.	13.8	65
2	Dual-Ligand-Enabled Ir(III)-Catalyzed Enantioselective C-H Amidation for the Synthesis of Chiral Sulfoxides. <i>ACS Catalysis</i> , 2020, 10, 7207-7215.	11.2	65
3	Synthesis of polystyrene with cyclic, ionized and neutralized end groups and the self-assemblies templated by breath figures. <i>Polymer Chemistry</i> , 2014, 5, 3666-3672.	3.9	29
4	Enantioselective Silylation of Aliphatic C-H Bonds for the Synthesis of Silicon-Stereogenic Dihydrobenzosiloles. <i>Angewandte Chemie</i> , 2020, 132, 22401-22406.	2.0	20
5	Enantioselective Hydroxylation of Dihydrosilanes to Si-Chiral Silanols Catalyzed by In Situ Generated Copper(II) Species. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
6	Synthesis of core cross-linked star polystyrene with functional end groups and self-assemblies templated by breath figures. <i>Polymer Chemistry</i> , 2014, 5, 5175-5182.	3.9	17
7	Rational Design of Emissive NIR-Absorbing Chromophores: Rh ^{III} Porphyrin-Aza-BODIPY Conjugates with Orthogonal Metal-Carbon Bonds. <i>Chemistry - A European Journal</i> , 2016, 22, 13201-13209.	3.3	17
8	Aryl carbon-chlorine (Ar-Cl) and aryl carbon-fluorine (Ar-F) bond cleavages by rhodium porphyrins. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 82-89.	1.8	16
9	Facile Aerobic Alkylation of Rhodium Porphyrins with Alkyl Halides. <i>Organometallics</i> , 2015, 34, 4051-4057.	2.3	12
10	Base-Promoted, Aerobic, and Regioselective Carbon-Hydrogen Bond Activation of Thiophene with Group 9 Metalloporphyrins. <i>Organometallics</i> , 2016, 35, 3295-3300.	2.3	11
11	User-friendly aerobic reductive alkylation of iridium(III) porphyrin chloride with potassium hydroxide: scope and mechanism. <i>Dalton Transactions</i> , 2015, 44, 20618-20625.	3.3	9
12	Lewis acid-assisted Ir(III) reductive elimination enables construction of seven-membered-ring sulfoxides. <i>Chemical Science</i> , 2020, 11, 10149-10158.	7.4	9
13	Porphyrins and Phthalocyanines Catalyzed Direct C-H Arylation. <i>Chinese Journal of Chemistry</i> , 2016, 34, 955-961.	4.9	8
14	Hydrodebromination of allylic and benzylic bromides with water catalyzed by a rhodium porphyrin complex. <i>Dalton Transactions</i> , 2018, 47, 12879-12883.	3.3	8
15	Enantioselective Hydroxylation of Dihydrosilanes to Si-Chiral Silanols Catalyzed by In Situ Generated Copper(II) Species. <i>Angewandte Chemie</i> , 0, , .	2.0	3
16	Iodine-catalysed transfer hydrogenation of a carbon-carbon β -bond with water. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6757-6761.	2.8	2