

Wei-Min Ching

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Isolation of an Acyclic Tridentate Bis(pyridine)carbodicarbene and Studies on Its Structural Implications and Reactivities. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2420-2424.	13.8	99
2	Synthesis and Isolation of an Acyclic Tridentate Bis(pyridine)carbodicarbene and Studies on Its Structural Implications and Reactivities. <i>Angewandte Chemie</i> , 2015, 127, 2450-2454.	2.0	33
3	Privileged Role of Thiolate as the Axial Ligand in Hydrogen Atom Transfer Reactions by Oxoiron(IV) Complexes in Shaping the Potential Energy Surface and Inducing Significant H-Atom Tunneling. <i>Journal of the American Chemical Society</i> , 2017, 139, 18705-18713.	13.7	33
4	Facile Nitrite Reduction and Conversion Cycle of {Fe(NO)} ^{6/7} Species: Chemistry of Iron N-Confused Porphyrin Complexes via Protonation/Deprotonation. <i>Journal of the American Chemical Society</i> , 2009, 131, 7952-7953.	13.7	32
5	Half-sandwich Ru(η -6-p-cymene) complexes featuring pyrazole appended ligands: Synthesis, DNA binding and in vitro cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2019, 194, 74-84.	3.5	29
6	Characterization of the Fleeting Hydroxoiron(III) Complex of the Pentadentate TMC-py Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 11129-11140.	4.0	25
7	Hydrogen Bond-Enabled Heterolytic and Homolytic Peroxide Activation within Nonheme Copper(II)-Alkylperoxo Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 12964-12974.	4.0	22
8	Ruthenium Complexes of Thiaporphyrin and Dithiaporphyrin. <i>Inorganic Chemistry</i> , 2011, 50, 11947-11957.	4.0	20
9	Dinitrosyl Iron Complex [K ¹⁸ coronâ€œether][(NO) ₂ Fe(^{Me} PyrCO) ₂]]: Intermediate for Capture and Reduction of Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11819-11823.	13.8	16
10	Isolable dicarbon stabilized by a single phosphine ligand. <i>Nature Chemistry</i> , 2021, 13, 89-93.	13.6	15
11	Formation of a Sulfur-Atom-Inserted N-Confused Porphyrin Iron Nitrosyl Complex by Denitrosation and C-S Bond Cleavage of an S-Nitrosothiol. <i>Inorganic Chemistry</i> , 2007, 46, 10941-10943.	4.0	14
12	Interior aliphatic C-H bond activation on iron(ii) N-confused porphyrin through synergistic nitric oxide binding and iron oxidation. <i>Chemical Communications</i> , 2012, 48, 4989.	4.1	13
13	Electrocatalytic Water Reduction Beginning with a {Fe(NO) ₂ } ¹⁰ -Reduced Dinitrosyliron Complex: Identification of Nitrogen-Doped FeO _x (OH) _y as a Real Heterogeneous Catalyst. <i>Inorganic Chemistry</i> , 2018, 57, 14715-14726.	4.0	11
14	Improved Synthesis of Unsymmetrical N-Aryl-N ² -alkylpyridyl \ddot{Y} -Diketimines Using Molecular Sieves and their Lithium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1093-1098.	2.0	10
15	Transformation of the hydride-containing dinitrosyl iron complex [(NO) ₂ Fe(η -2-BH ₄) ²] into [(NO) ₂ Fe(η -3-HCS ₂) ²] via reaction with CS ₂ . <i>Dalton Transactions</i> , 2019, 48, 5897-5902.	3.3	10
16	Structural implications of the paramagnetically shifted NMR signals from pyridine H atoms on synthetic nonheme FeIV=O complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 533-545.	2.6	8
17	A mechanistic study of nitrite reduction on iron(ⁱⁱ) complexes of methylated N-confused porphyrins. <i>Dalton Transactions</i> , 2017, 46, 15087-15094.	3.3	7
18	Solid-state NMR study of fluorinated steroids. <i>Steroids</i> , 2014, 80, 64-70.	1.8	5

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19	Investigation on the coordination behaviors of tris(2-pyridyl)pyrazolyl borates iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2019, 495, 118966.	2.4	5
20	Formation of iron(III)-thiolate metallocyclophane using a ferrocene-based bis-isocyanide. <i>New Journal of Chemistry</i> , 2020, 44, 18242-18249.	2.8	4
21	Dinitrosyl Iron Complex [18-crown-6 ether] [(NO) ₂ Fe(Me)PyrCO ₂] ₂ ; Intermediate for Capture and Reduction of Carbon Dioxide. <i>Angewandte Chemie</i> , 2020, 132, 11917-11921.	2.0	4
22	Cation ion specifically induces a conformational change in trans-dehydroandrosterone – A solid-state NMR study. <i>Steroids</i> , 2015, 96, 73-80.	1.8	3
23	2,5-Thienylene-Strapped Bicyclic and Tricyclic Expanded Porphyrins. <i>ChemPlusChem</i> , 2019, 84, 810-815.	2.8	2