

Mong Feng Chiou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

760
citations

759233

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis of unsymmetrically tetrasubstituted pyrroles and studies of AIEE in pyrrolo[1,2- <i>a</i>]pyrimidine derivatives. <i>Chemical Science</i> , 2022, 13, 5667-5673.	7.4	7
2	Radical 1,2,3-tricarbofunctionalization of $\hat{1}^2$ -vinyl- $\hat{1}^2$ -ketoesters enabled by a carbon shift from an all-carbon quaternary center. <i>Chemical Science</i> , 2022, 13, 6836-6841.	7.4	13
3	Copper-Catalyzed Radical Enantioselective Carbo-Esterification of Styrenes Enabled by a Perfluoroalkylated PyBox Ligand. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202202077.	13.8	21
4	Iron-catalysed asymmetric carboazidation of styrenes. <i>Nature Catalysis</i> , 2021, 4, 28-35.	34.4	60
5	Direct synthesis of pentasubstituted pyrroles and hexasubstituted pyrrolines from propargyl sulfonylamides and allenamides. <i>Chemical Science</i> , 2021, 12, 9162-9167.	7.4	15
6	Synthesis of Amidine Derivatives by Intermolecular Radical Addition to Nitrile Groups of AIBN Derivatives. <i>Synlett</i> , 2021, 32, 395-400.	1.8	1
7	Regioselective Three-Component Synthesis of Vicinal Diamines via 1,2-Diamination of Styrenes. <i>Organic Letters</i> , 2021, 23, 3184-3189.	4.6	17
8	Iron phthalocyanine-catalyzed radical phosphinoylazidation of alkenes: A facile synthesis of $\hat{1}^2$ -azido-phosphine oxide with a fast azido transfer step. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1634-1640.	14.0	7
9	Copper-Catalyzed Enantioselective Radical 1,4-Difunctionalization of 1,3-Enynes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18014-18021.	13.7	109
10	Radical azidation as a means of constructing C(sp ³)-N ₃ bonds. <i>Green Synthesis and Catalysis</i> , 2020, 1, 86-120.	6.8	72
11	1,4-Fluoroamination of 1,3-Enynes en Route to Fluorinated Allenes. <i>Organic Letters</i> , 2020, 22, 5261-5265.	4.6	19
12	Revealing the Iron-Catalyzed $\hat{1}^2$ -Methyl Scission of tert-Butoxyl Radicals via the Mechanistic Studies of Carboazidation of Alkenes. <i>Molecules</i> , 2020, 25, 1224.	3.8	10
13	The Introduction of the Radical Cascade Reaction into Polymer Chemistry: A One-Step Strategy for Synchronized Polymerization and Modification. <i>IScience</i> , 2020, 23, 100902.	4.1	7
14	Synthesis of difluoromethylated allenenes through trifunctionalization of 1,3-enynes. <i>Nature Communications</i> , 2020, 11, 416.	12.8	44
15	Copper-Catalyzed Radical Acyl-Cyanation of Alkenes with Mechanistic Studies on the tert-Butoxy Radical. <i>ACS Catalysis</i> , 2019, 9, 5191-5197.	11.2	50
16	Iron-catalyzed carboazidation of alkenes and alkynes. <i>Nature Communications</i> , 2019, 10, 122.	12.8	83
17	Copper-Catalyzed Radical 1,4-Difunctionalization of 1,3-Enynes with Alkyl Diacyl Peroxides and <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2019, 141, 548-559.	13.7	162
18	Impact of the Valence Charge of Transition Metals on the Cobalt- and Rhodium-Catalyzed Synthesis of Indenamides, Indenols, and Isoquinolinium Salts: A Catalytic Cycle Involving M^{III}/M^V [M = Co, Rh] for [4 + 2] Annulation. <i>Journal of Organic Chemistry</i> , 2018, 83, 7814-7824.	3.2	6

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19	Charge-transfer-to-solvent absorption spectra of $I^{+5}(H_2O)_3$ at a finite temperature via simulation. <i>International Journal of Quantum Chemistry</i> , 2017, 117, e25404.	2.0	3
20	Multicomponent reactions of phosphines, enynedioates and benzylidene malononitriles generated highly substituted cyclopentenes through an unexpected phosphine π -addition- π -evolvment of an anion pathway. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2306-2317.	2.8	6
21	Effects of Iodine on the Relaxation Dynamics of a Photoexcited $I^{+5}(H_2O)_4$ Cluster. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13946-13953.	2.5	6
22	Exploring Water Binding Motifs to an Excess Electron via $X^{+}(H_2O) [X = O, F]$. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7694-7702.	2.5	2
23	Potential Energy Surface of $O_2^+(H_2O)$ and Factors Controlling Water-to- O_2^+ Binding Motifs. <i>Journal of Physical Chemistry A</i> , 2011, 115, 99-104.	2.5	14
24	Tuning Through-Bond Fe(III)/Fe(II) Coupling by Solvent Manipulation of a Central Ruthenium Redox Couple. <i>Inorganic Chemistry</i> , 2009, 48, 1857-1870.	4.0	26
25	Copper-catalyzed radical enantioselective carboesterification of styrenes enabled by a perfluoroalkylated PyBox ligand. <i>Angewandte Chemie</i> , 0, , .	2.0	0