Ming Xiang

List of Publications by Year
in descending order

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20 papers	234 citations	1307594 7 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	173 citing authors

#	Article	IF	Citations
1	Direct Conversion of Primary Alcohols to 1,2-Amino Alcohols: Enantioselective Iridium-Catalyzed Carbonyl Reductive Coupling of Phthalimido-Allene via Hydrogen Auto-Transfer. Journal of the American Chemical Society, 2019, 141, 14136-14141.	13.7	42
2	Allenes and Dienes as Chiral Allylmetal Pronucleophiles in Catalytic Enantioselective C=X Addition: Historical Perspective and Stateâ€ofâ€Theâ€Art Survey. Chemistry - A European Journal, 2021, 27, 13107-13116.	3.3	38
3	Enantioselective Ruthenium-BINAP-Catalyzed Carbonyl Reductive Coupling of Alkoxyallenes: Convergent Construction of syn-sec,tert-Diols via (Z)-Ïƒ-Allylmetal Intermediates. Journal of the American Chemical Society, 2021, 143, 8849-8854.	13.7	26
4	Diastereo- and Enantioselective Ruthenium-Catalyzed C-C Coupling of 1-Arylpropynes and Alcohols: Alkynes as Chiral Allylmetal Precursors in Carbonyl anti-(Î±-Aryl)allylation. Journal of the American Chemical Society, 2021, 143, 2838-2845.	13.7	25
5	Selection between Diastereomeric Kinetic vs Thermodynamic Carbonyl Binding Modes Enables Enantioselective Iridium-Catalyzed anti-(Î±-Aryl)allylation of Aqueous Fluoral Hydrate and Difluoroacetaldehyde Ethyl Hemiacetal. Journal of the American Chemical Society, 2018, 140, 9392-9395.	13.7	23
6	Enantioselective iridium-catalyzed carbonyl isoprenylation via alcohol-mediated hydrogen transfer. Chemical Communications, 2019, 55, 981-984.	4.1	17
7	Trust-based Adaptive Routing for Smart Grid Systems. Journal of Information Processing, 2014, 22, 210-218.	0.4	12
8	Trust-based geographical routing For smart grid communication networks. , 2012, , .		8
9	Self-Adjustable Trust-Based Energy Efficient Routing for Smart Grid Systems. , 2012, , .		8
10	Successive Nucleophilic and Electrophilic Allylation for the Catalytic Enantioselective Synthesis of 2,4-Disubstituted Pyrrolidines. Organic Letters, 2019, 21, 2493-2497.	4.6	7
11	Formateâ€Mediated Crossâ€Electrophile Reductive Coupling of Aryl Iodides and Bromopyridines. Israel Journal of Chemistry, 2021, 61, 298-301.	2.3	7
12	TIGER: A Trust-based Intelligent Geographical Energy-aware Routing for Smart Grid Communication Networks. , 2013, , .		6
13	High Ï€-Facial and exo-Selectivity for the Intramolecular Dielsâ€“Alder Cycloaddition of Dodeca-3,9,11-trien-5-one Precursors to 2-epi-Symbioimine and Related Compounds. Journal of Organic Chemistry, 2016, 81, 8508-8519.	3.2	6
14	Dependability and Resource Optimation Analysis for Smart Grid Communication Networks. , 2014, , .		5
15	A fuzzy logic-based sustainable and trusted routing for P2P enabled smart grid. International Journal of Computational Science and Engineering, 2016, 13, 165.	0.5	2
16	Simmelian Ties and Structural Holes: Exploring Their Topological Roles in Forming Trust for Securing Wireless Sensor Networks. , 2015, , .		1
17	Frontispiece: Allenes and Dienes as Chiral Allylmetal Pronucleophiles in Catalytic Enantioselective C=X Addition: Historical Perspective and Stateâ€ofâ€Theâ€Art Survey. Chemistry - A European Journal, 2021, 27, .	3.3	1
18	The double-edged sword: Revealing the critical role of structural hole in forming trust for securing Wireless sensor networks. , 2015, , .		0

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19	A fuzzy logic-based sustainable and trusted routing for P2P enabled smart grid. International Journal of Computational Science and Engineering, 2016, 13, 165.	0.5	0
20	Dynamic Trust Elective Geo Routing to Secure Smart Grid Communication Networks. Advances in Environmental Engineering and Green Technologies Book Series, 2016, , 323-343.	0.4	0