Maoping Pu

List of Publications by Year
in descending order

33 papers	801 citations	516710 16 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	985 citing authors

#	Article	IF	Citations
1	Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
2	Frontispiece: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	2
3	Frontispiz: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. Angewandte Chemie, 2022, 134, .	2.0	0
4	Enantioselective Intermolecular Heck and Reductive Heck Reactions of Aryl Triflates, Mesylates, and Tosylates Catalyzed by Nickel. Angewandte Chemie - International Edition, 2021, 60, 2828-2832.	13.8	36
5	Enantioselective Intermolecular Heck and Reductive Heck Reactions of Aryl Triflates, Mesylates, and Tosylates Catalyzed by Nickel. Angewandte Chemie, 2021, 133, 2864-2868.	2.0	7
6	Catalytic Asymmetric Homologation of Ketones with Î±-Alkyl Î±-Diazo Esters. Journal of the American Chemical Society, 2021, 143, 2394-2402.	13.7	53
7	Enantioselective Formal Vinylogous Nâ€“H Insertion of Secondary Aliphatic Amines Catalyzed by a High-Spin Cobalt(II) Complex. Journal of the American Chemical Society, 2021, 143, 9648-9656.	13.7	41
8	Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of Î±,Î²-Unsaturated Carbonyl Compounds. Journal of the American Chemical Society, 2021, 143, 11856-11863.	13.7	50
9	Asymmetric Domino Heck Arylation and Alkylation of Nonconjugated Dienes: Double Câ€“FÂ·Â·Â·Sodium Attractive Noncovalent Interaction. Organic Letters, 2021, 23, 7064-7068.	4.6	7
10	Enantioselective Synthesis of Nitriles Containing a Quaternary Carbon Center by Michael Reactions of Silyl Ketene Imines with 1-Acrylpyrazoles. Journal of the American Chemical Society, 2021, 143, 19091-19098.	13.7	20
11	Selective Methylation of Amides, N-Heterocycles, Thiols, and Alcohols with Tetramethylammonium Fluoride. Organic Letters, 2020, 22, 331-334.	4.6	18
12	Computational Study on the Fate of Oxidative Directing Groups in Ru(II), Rh(III), and Pd(II) Catalyzed Câ€“H Functionalization. Journal of Organic Chemistry, 2020, 85, 12594-12602.	3.2	8
13	Asymmetric Reductive and Alkynylative Heck Bicyclization of Enynes to Access Conformationally Restricted Aza[3.1.0]bicycles. Angewandte Chemie, 2020, 132, 10906-10910.	2.0	8
14	Asymmetric Reductive and Alkynylative Heck Bicyclization of Enynes to Access Conformationally Restricted Aza[3.1.0]bicycles. Angewandte Chemie - International Edition, 2020, 59, 10814-10818.	13.8	23
15	Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1968-1973.	7.1	140
16	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd^I Catalysis. Angewandte Chemie, 2019, 131, 11517-11521.	2.0	10
17	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd^I Catalysis. Angewandte Chemie - International Edition, 2019, 58, 11395-11399.	13.8	50
18	Investigation of (Me₄N)SCF₃ as a Stable, Solid and Safe Reservoir for S=CF₂ as a Surrogate for Thiophosgene. Chemistry - A European Journal, 2018, 24, 567-571.	3.3	18

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19	Divergent Reactivity of Stannane and Silane in the Trifluoromethylation of PdII: Cyclic Transition State versus Difluorocarbene Release. Angewandte Chemie, 2018, 130, 15301-15305.	2.0	8
20	Divergent Reactivity of Stannane and Silane in the Trifluoromethylation of Pd^{II}: Cyclic Transition State versus Difluorocarbene Release. Angewandte Chemie - International Edition, 2018, 57, 15081-15085.	13.8	27
21	Liberation of H2 from (o-C6H4Me)3Pâ€"H(+) + (â^')Hâ€"B(p-C6F4H)3 ion-pair: A transition-state in the minimum energy path versus the transient species in Born-Oppenheimer molecular dynamics. Journal of Chemical Physics, 2017, 147, 014303.	3.0	7
22	Ab Initio Molecular Dynamics with Explicit Solvent Reveals a Twoâ€Step Pathway in the Frustrated Lewis Pair Reaction. Chemistry - A European Journal, 2015, 21, 17708-17720.	3.3	22
23	Chemistry of Intermolecular Frustrated Lewis Pairs in Motion: Emerging Perspectives and Prospects. Israel Journal of Chemistry, 2015, 55, 179-195.	2.3	19
24	Ab Initio Molecular Dynamics Study of Hydrogen Cleavage by a Lewis Base [tBu₃P] and a Lewis Acid [B(C₆F₅)₃] at the Mesoscopic Levelâ€"Dynamics in the Soluteâ€"Solvent Molecular Clusters. ChemPhysChem, 2014, 15, 3714-3719.	2.1	16
25	Multiple-pathways of carbon dioxide binding by a Lewis acid [B(C6F5)3] and a lewis base [P(tBu)3]: The energy landscape perspective. International Journal of Quantum Chemistry, 2014, 114, 289-294.	2.0	6
26	How Frustrated Lewis Acid/Base Systems Pass through Transitionâ€State Regions: H₂ Cleavage by [tBu₃P/B(C₆F₅)₃]. ChemPhysChem, 2014, 15, 2936-2944.	2.1	21
27	Uncovering the Role of Intra- and Intermolecular Motion in Frustrated Lewis Acid/Base Chemistry: Ab Initio Molecular Dynamics Study of CO₂ Binding by Phosphorus/Boron Frustrated Lewis Pair [tBu₃P/B(C₆F₅)₃]. Inorganic Chemistry, 2014, 53, 4598-4609.	4.0	23
28	Ab initio dynamics trajectory study of the heterolytic cleavage of H2 by a Lewis acid [B(C6F5)3] and a Lewis base [P(tBu)3]. Journal of Chemical Physics, 2013, 138, 154305.	3.0	30
29	Binding of CO₂ by a Mes₂PCH₂CH₂B(C₆F₅)₂ Species: An Involvement of the Ground State Species in a Lowâ€Energy Pathway. Chemistry - A European Journal, 2013, 19, 16512-16517.	3.3	6
30	Binuclear allyliron carbonyls: Fragile dimers and diverse types of allyl groups. Polyhedron, 2012, 48, 131-139.	2.2	0
31	Toward Controlling Water Oxidation Catalysis: Tunable Activity of Ruthenium Complexes with Axial Imidazole/DMSO Ligands. Journal of the American Chemical Society, 2012, 134, 18868-18880.	13.7	101
32	Mononuclear Homoleptic Allyl Complexes of the First Row Transition Metals: Species with Unusual Metal Electronic Configurations. Journal of Physical Chemistry A, 2011, 115, 4491-4504.	2.5	8
33	Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. Angewandte Chemie, 0, , .	2.0	2