

Maoping Pu

List of Publications by Year in descending order

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papers

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516710

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docs citations

34
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Catalytic Asymmetric Homologation of Ketones with $\hat{I}\pm$ -Alkyl $\hat{I}\pm$ -Diazo Esters. Journal of the American Chemical Society, 2021, 143, 2394-2402.	13.7	53
4	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd ^I Catalysis. Angewandte Chemie - International Edition, 2019, 58, 11395-11399.	13.8	50
5	Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of $\hat{I}\pm$, \hat{I}^2 -Unsaturated Carbonyl Compounds. Journal of the American Chemical Society, 2021, 143, 11856-11863.	13.7	50
6	Enantioselective Formal Vinyllogous N-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
7	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
8	Ab initio dynamics trajectory study of the heterolytic cleavage of H ₂ by a Lewis acid [B(C ₆ F ₅) ₃] and a Lewis base [P(tBu) ₃]. Journal of Chemical Physics, 2013, 138, 154305.	3.0	30
9	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
10	Uncovering the Role of Intra- and Intermolecular Motion in Frustrated Lewis Acid/Base Chemistry: Ab Initio Molecular Dynamics Study of CO ₂ Binding by Phosphorus/Boron Frustrated Lewis Pair [t-Bu ₃ P/B(C ₆ F ₅) ₃]. Inorganic Chemistry, 2014, 53, 4598-4609.	4.0	23
11	Asymmetric Reductive and Alkynylation Heck Bicyclization of Enynes to Access Conformationally Restricted Aza[3.1.0]bicycles. Angewandte Chemie - International Edition, 2020, 59, 10814-10818.	13.8	23
12	Ab Initio Molecular Dynamics with Explicit Solvent Reveals a Two-Step Pathway in the Frustrated Lewis Pair Reaction. Chemistry - A European Journal, 2015, 21, 17708-17720.	3.3	22
13	How Frustrated Lewis Acid/Base Systems Pass through Transition-State Regions: H ₂ Cleavage by [t-Bu ₃ P/B(C ₆ F ₅) ₃]. ChemPhysChem, 2014, 15, 2936-2944.	2.1	21
14	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
15	Chemistry of Intermolecular Frustrated Lewis Pairs in Motion: Emerging Perspectives and Prospects. Israel Journal of Chemistry, 2015, 55, 179-195.	2.3	19
16	Investigation of (Me ₄ N)SCF ₃ as a Stable, Solid and Safe Reservoir for S=CF ₂ as a Surrogate for Thiophosgene. Chemistry - A European Journal, 2018, 24, 567-571.	3.3	18
17	Selective Methylation of Amides, N-Heterocycles, Thiols, and Alcohols with Tetramethylammonium Fluoride. Organic Letters, 2020, 22, 331-334.	4.6	18
18	Ab Initio Molecular Dynamics Study of Hydrogen Cleavage by a Lewis Base [t-Bu ₃ P] and a Lewis Acid [B(C ₆ F ₅) ₃] at the Mesoscopic Level—Dynamics in the Solute–Solvent Molecular Clusters. ChemPhysChem, 2014, 15, 3714-3719.	2.1	16

#	ARTICLE	IF	CITATIONS
19	Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
20	Arylation of Axially Chiral Phosphorothioate Salts by Dinuclear Pd ^I Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 11517-11521.	2.0	10
21	Mononuclear Homoleptic Allyl Complexes of the First Row Transition Metals: Species with Unusual Metal Electronic Configurations. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4491-4504.	2.5	8
22	Divergent Reactivity of Stannane and Silane in the Trifluoromethylation of PdII: Cyclic Transition State versus Difluorocarbene Release. <i>Angewandte Chemie</i> , 2018, 130, 15301-15305.	2.0	8
23	Computational Study on the Fate of Oxidative Directing Groups in Ru(II), Rh(III), and Pd(II) Catalyzed C-H Functionalization. <i>Journal of Organic Chemistry</i> , 2020, 85, 12594-12602.	3.2	8
24	Asymmetric Reductive and Alkynylation Heck Bicyclization of Enynes to Access Conformationally Restricted Aza[3.1.0]bicycles. <i>Angewandte Chemie</i> , 2020, 132, 10906-10910.	2.0	8
25	Liberation of H ₂ from (C ₆ H ₄ Me) ₃ P ⁺ H(+) + (â ⁻)Hâ ⁻ B(C ₆ F ₄ H) ₃ ion-pair: A transition-state in the minimum energy path versus the transient species in Born-Oppenheimer molecular dynamics. <i>Journal of Chemical Physics</i> , 2017, 147, 014303.	3.0	7
26	Enantioselective Intermolecular Heck and Reductive Heck Reactions of Aryl Triflates, Mesylates, and Tosylates Catalyzed by Nickel. <i>Angewandte Chemie</i> , 2021, 133, 2864-2868.	2.0	7
27	Asymmetric Domino Heck Arylation and Alkylation of Nonconjugated Dienes: Double C-H-Sodium Attractive Noncovalent Interaction. <i>Organic Letters</i> , 2021, 23, 7064-7068.	4.6	7
28	Binding of CO ₂ by a Mes ₂ PCH ₂ CH ₂ B(C ₆ F ₅) ₂ Species: An Involvement of the Ground State Species in a Low-Energy Pathway. <i>Chemistry - A European Journal</i> , 2013, 19, 16512-16517.	3.3	6
29	Multiple-pathways of carbon dioxide binding by a Lewis acid [B(C ₆ F ₅) ₃] and a Lewis base [P(tBu) ₃]: The energy landscape perspective. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 289-294.	2.0	6
30	Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie</i> , 0, , .	2.0	2
31	Frontispiece: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	2
32	Binuclear allyliron carbonyls: Fragile dimers and diverse types of allyl groups. <i>Polyhedron</i> , 2012, 48, 131-139.	2.2	0
33	Frontispiz: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0