

Sriman De

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Addition Reactions of Me_3SiCN with Aldehydes Catalyzed by Aluminum Complexes Containing in their Coordination Sphere O, S, and N Ligands. <i>Chemistry - A European Journal</i> , 2016, 22, 6932-6938.	3.3	29
2	Mechanistic Exploration of the Transmetalation and Reductive Elimination Events Involving Pd^{IV} Abnormal NHC Complexes in Suzuki-Miyaura Coupling Reactions: A DFT Study. <i>Chemistry - A European Journal</i> , 2018, 24, 6155-6168.	3.3	26
3	Exploring the Oxidative Addition Pathways of Phenyl Chloride in the Presence of Pd^{II} Abnormal N-Heterocyclic Carbene Complexes: A DFT Study. <i>Chemistry - A European Journal</i> , 2016, 22, 15778-15790.	3.3	23
4	DFT Study on C-F Bond Activation by Group 14 Dialkylamino Metallylenes: A Competition between Oxidative Additions versus Substitution Reactions. <i>Inorganic Chemistry</i> , 2017, 56, 10633-10643.	4.0	22
5	$\text{B}(\text{C}_6\text{F}_5)_3$ -catalyzed dehydrogenative cyclization of <i>N</i> -tosylhydrazones and anilines via a Lewis adduct: a combined experimental and computational investigation. <i>Chemical Science</i> , 2019, 10, 7964-7974.	7.4	21
6	$(\text{PhC}(\text{tBu})_2\text{Al})_2(\text{SiH}_2)_4$ six-membered heterocycle: comparable in structure to cyclohexane. <i>Chemical Communications</i> , 2019, 55, 2360-2363.	4.1	18
7	Saturated N-Heterocyclic Carbene Based Thiele's Hydrocarbon with a Tetrafluorophenylene Linker. <i>Chemistry - A European Journal</i> , 2019, 25, 16533-16537.	3.3	15
8	Donor Stabilized Diatomic Gr.14 E_2 ($\text{E} = \text{C}, \text{Pb}$) Molecule E_2^{D} ($\text{D} = \text{NHC}$). <i>Physical Chemistry A</i> , 2019, 123, 565-581.	2.5	15
9	Cooperative Donor-Acceptor Interactions in Stabilizing Carbene-Borane and Carbene-Alane Compounds: A Theoretical Insight. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 638-655.	2.0	14
10	Computational Exploration of Mechanistic Avenues in C-H Activation Assisted Pd-Catalyzed Carbonylative Coupling. <i>Journal of Organic Chemistry</i> , 2019, 84, 257-272.	3.2	12
11	Dinuclear Pd^{I} Catalysts in Equilibrium Isomerizations: Mechanistic Understanding, in Silico Casting, and Catalyst Development. <i>ACS Catalysis</i> , 2020, 10, 4517-4533.	11.2	12
12	Strengths of different Lewis bases in stabilizing titanium fluorides: A theoretical insight. <i>Inorganica Chimica Acta</i> , 2019, 485, 162-172.	2.4	8
13	Isomerization of Functionalized Olefins by Using the Dinuclear Catalyst $[\text{Pd}^{\text{I}}(\text{P}(\text{tBu})_3)_2]$: A Mechanistic Study. <i>Chemistry - A European Journal</i> , 2021, 27, 15227-15239.	3.3	5