

# Sriman De

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Isomerization of Functionalized Olefins by Using the Dinuclear Catalyst $[\text{Pd}^{\text{II}}(\text{P}^{\text{t}}\text{Bu})_2]$ : A Mechanistic Study. Chemistry - A European Journal, 2021, 27, 15227-15239.	3.3	5
2	Dinuclear $\text{Pd}^{\text{II}}$ Catalysts in Equilibrium Isomerizations: Mechanistic Understanding, in Silico Casting, and Catalyst Development. ACS Catalysis, 2020, 10, 4517-4533.	11.2	12
3	Cooperative Donor–Acceptor Interactions in Stabilizing Carbene–Borane and Carbene–Alane Compounds: A Theoretical Insight. European Journal of Inorganic Chemistry, 2020, 2020, 638-655.	2.0	14
4	$\text{B}(\text{C}_6\text{F}_5)_3$ -catalyzed dehydrogenative cyclization of <i>N</i> -tosylhydrazones and anilines via a Lewis adduct: a combined experimental and computational investigation. Chemical Science, 2019, 10, 7964-7974.	7.4	21
5	Saturated $\text{N}$ -Heterocyclic Carbene Based Thiele's Hydrocarbon with a Tetrafluorophenylene Linker. Chemistry - A European Journal, 2019, 25, 16533-16537.	3.3	15
6	$(\text{PhC}(\text{NtBu})_2\text{Al})_2(\text{SiH}_2)_4$ six-membered heterocycle: comparable in structure to cyclohexane. Chemical Communications, 2019, 55, 2360-2363.	4.1	18
7	Donor Stabilized Diatomic Gr.14 $\text{E}_2$ ( $\text{E} = \text{Ca}^{\text{II}}$ , $\text{Pb}^{\text{II}}$ ) Molecule $\text{D}_{\infty\text{h}}$ ( $\text{D} = \text{NHC}$ ). Physical Chemistry A, 2019, 123, 565-581.	2.5	15
8	Strengths of different Lewis bases in stabilizing titanium fluorides: A theoretical insight. Inorganica Chimica Acta, 2019, 485, 162-172.	2.4	8
9	Computational Exploration of Mechanistic Avenues in $\text{C}^{\text{H}}$ Activation Assisted $\text{Pd}$ -Catalyzed Carbonylative Coupling. Journal of Organic Chemistry, 2019, 84, 257-272.	3.2	12
10	Mechanistic Exploration of the Transmetalation and Reductive Elimination Events Involving $\text{Pd}^{\text{IV}}$ –Abnormal NHC Complexes in Suzuki–Miyaura Coupling Reactions: A DFT Study. Chemistry - A European Journal, 2018, 24, 6155-6168.	3.3	26
11	DFT Study on $\text{C}^{\text{F}}$ Bond Activation by Group 14 Dialkylamino Metallylenes: A Competition between Oxidative Additions versus Substitution Reactions. Inorganic Chemistry, 2017, 56, 10633-10643.	4.0	22
12	Addition Reactions of $\text{Me}_3\text{SiCN}$ with Aldehydes Catalyzed by Aluminum Complexes Containing in their Coordination Sphere O, S, and N Ligands. Chemistry - A European Journal, 2016, 22, 6932-6938.	3.3	29
13	Exploring the Oxidative–Addition Pathways of Phenyl Chloride in the Presence of $\text{Pd}^{\text{II}}$ –Abnormal $\text{N}$ -Heterocyclic Carbene Complexes: A DFT Study. Chemistry - A European Journal, 2016, 22, 15778-15790.	3.3	23