

Shrinwantu Pal

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	H ₂ , B-H, and Si-H Bond Activation and Facile Protonolysis Driven by Pt-Base Metal Cooperation. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
2	Cover Feature: H ₂ , B-H, and Si-H Bond Activation and Facile Protonolysis Driven by Pt-Base Metal Cooperation (<i>Chem. Eur. J.</i> 44/2022). <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	0
3	Reversible PtII-CH ₃ deuteration without methane loss: metal-ligand cooperation vs. ligand-assisted PtII-protonation. <i>Chemical Science</i> , 2021, 12, 2960-2969.	7.4	5
4	Construction of modular Pd/Cu multimetallic chains <i>via</i> ligand- and anion-controlled metal-metal interactions. <i>Chemical Communications</i> , 2021, 57, 10206-10209.	4.1	7
5	Metal-ligand cooperative ¹ N-pyrazolate Cp*Rh ^{III} -catalysts for dehydrogenation of dimethylamine-borane at room temperature. <i>Dalton Transactions</i> , 2021, 50, 7938-7943.	3.3	6
6	Heavy-Metal-Free Fischer-Tropsch Type Reaction: Sequential Homologation of Alkylborane Using a Combination of CO and Hydrides as Methylene Source. <i>Journal of the American Chemical Society</i> , 2020, 142, 14064-14068.	13.7	17
7	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. <i>Organometallics</i> , 2020, 39, 3077-3081.	2.3	4
8	Metal-metal cooperative bond activation by heterobimetallic alkyl, aryl, and acetylide Pt ^{II} /Cu ^I complexes. <i>Chemical Science</i> , 2020, 11, 5494-5502.	7.4	29
9	Platinum-mediated B-H methoxylation of bis(pyrazolyl)borate. <i>Faraday Discussions</i> , 2019, 220, 317-327.	3.2	2
10	Dehydrogenation of Dimethylamine-Borane Catalyzed by Half-Sandwich Ir and Rh Complexes: Mechanism and the Role of Cp* Noninnocence. <i>Organometallics</i> , 2018, 37, 906-914.	2.3	35
11	Facile Styrene Formation from Ethylene and a Phenylplatinum(II) Complex Leading to an Observable Platinum(II) Hydride. <i>Organometallics</i> , 2017, 36, 502-505.	2.3	4
12	Enhancing Reactivity of Directly Observable B-H-Pt Interactions through Conformational Rigidity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2403-2408.	2.0	12
13	Exclusive Csp ³ -Csp ³ vs Csp ² -Csp ³ Reductive Elimination from Pt ^{IV} Governed by Ligand Constraints. <i>Journal of the American Chemical Society</i> , 2015, 137, 16004-16007.	13.7	32
14	Concurrent B-to-Pt Methyl Migration and B-Center Retention in Aerobic Oxidation of Methylborato Platinum(II) Complexes. <i>Organometallics</i> , 2015, 34, 5183-5190.	2.3	8
15	Homogeneous catalytic transfer dehydrogenation of alkanes with a group 10 metal center. <i>Chemical Communications</i> , 2009, , 6270.	4.1	19
16	Semiconductor to metal transition in SWNTs caused by interaction with gold and platinum nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 215211.	1.8	31
17	The role of H bonding and dipole-dipole interactions on the electrical polarizations and charge mobilities in linear arrays of urea, thiourea, and their derivatives. <i>Journal of Chemical Physics</i> , 2008, 129, 204301.	3.0	14
18	Role of Dipolar Interactions in Fine-Tuning the Linear and Nonlinear Optical Responses in Porphyrins. <i>Computing Letters</i> , 2007, 3, 367-372.	0.5	2

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19	Functionalization and solubilization of BN nanotubes by interaction with Lewis bases. <i>Journal of Materials Chemistry</i> , 2007, 17, 450-452.	6.7	98
20	Mechanistic Insight into Rh-Catalyzed C(sp ²)–O Bond Cleavage Applied to Cross-Coupling Reaction of Benzofurans with Aryl Grignard Reagents. <i>ACS Catalysis</i> , 0, , 7936-7949.	11.2	2