

Shrinwantu Pal

List of Publications by Year in descending order

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papers

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citations

1040056

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all docs

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docs citations

20
times ranked

528
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalization and solubilization of BN nanotubes by interaction with Lewis bases. Journal of Materials Chemistry, 2007, 17, 450-452.	6.7	98
2	Dehydrogenation of Dimethylamine-Borane Catalyzed by Half-Sandwich Ir and Rh Complexes: Mechanism and the Role of Cp* Noninnocence. Organometallics, 2018, 37, 906-914.	2.3	35
3	Exclusive Cp^{3+} - Cp^{3+} vs Cp^{2+} - Cp^{3+} Reductive Elimination from Pt^{IV} Governed by Ligand Constraints. Journal of the American Chemical Society, 2015, 137, 16004-16007.	13.7	32
4	Semiconductor to metal transition in SWNTs caused by interaction with gold and platinum nanoparticles. Journal of Physics Condensed Matter, 2008, 20, 215211.	1.8	31
5	Metal-metal cooperative bond activation by heterobimetallic alkyl, aryl, and acetylide Pt^{II}/Cu^{I} complexes. Chemical Science, 2020, 11, 5494-5502.	7.4	29
6	Homogeneous catalytic transfer dehydrogenation of alkanes with a group 10 metal center. Chemical Communications, 2009, , 6270.	4.1	19
7	Heavy-Metal-Free Fischer-Tropsch Type Reaction: Sequential Homologation of Alkylborane Using a Combination of CO and Hydrides as Methylene Source. Journal of the American Chemical Society, 2020, 142, 14064-14068.	13.7	17
8	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. Journal of Chemical Physics, 2008, 129, 204301.	3.0	14
9	Enhancing Reactivity of Directly Observable B-H-Pt Interactions through Conformational Rigidity. European Journal of Inorganic Chemistry, 2016, 2016, 2403-2408.	2.0	12
10	Concurrent B-to-Pt Methyl Migration and B-Center Retention in Aerobic Oxidation of Methylborato Platinum(II) Complexes. Organometallics, 2015, 34, 5183-5190.	2.3	8
11	Construction of modular Pd/Cu multimetallic chains <i>via</i> ligand- and anion-controlled metal-metal interactions. Chemical Communications, 2021, 57, 10206-10209.	4.1	7
12	Metal-ligand cooperative \hat{P}^{1+} -N-pyrazolate Cp^*Rh^{III} -catalysts for dehydrogenation of dimethylamine-borane at room temperature. Dalton Transactions, 2021, 50, 7938-7943.	3.3	6
13	Reversible Pt^{II} - CH_3 deuteration without methane loss: metal-ligand cooperation vs. ligand-assisted Pt^{II} -protonation. Chemical Science, 2021, 12, 2960-2969.	7.4	5
14	H_{2+} , $B-H$, and $Si-H$ Bond Activation and Facile Protonolysis Driven by Pt-Base Metal Cooperation. Chemistry - A European Journal, 2022, 28, .	3.3	5
15	Facile Styrene Formation from Ethylene and a Phenylplatinum(II) Complex Leading to an Observable Platinum(II) Hydride. Organometallics, 2017, 36, 502-505.	2.3	4
16	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. Organometallics, 2020, 39, 3077-3081.	2.3	4
17	Role of Dipolar Interactions in Fine-Tuning the Linear and Nonlinear Optical Responses in Porphyrins. Computing Letters, 2007, 3, 367-372.	0.5	2
18	Platinum-mediated B-H methoxylation of bis(pyrazolyl)borate. Faraday Discussions, 2019, 220, 317-327.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Mechanistic Insight into Rh-Catalyzed C(sp ²)â€‘O Bond Cleavage Applied to Cross-Coupling Reaction of Benzofurans with Aryl Grignard Reagents. ACS Catalysis, 0, , 7936-7949.	11.2	2
20	Cover Feature: H ₂ , Bâˆ‘H, and Siâˆ‘H Bond Activation and Facile Protonolysis Driven by Ptâ€‘Base Metal Cooperation (Chem. Eur. J. 44/2022). Chemistry - A European Journal, 2022, 28, .	3.3	0