

# Arpan Das

## List of Publications by Year in descending order

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12  
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243  
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#	ARTICLE	IF	CITATIONS
1	Bicyclic (alkyl)(amino)carbene stabilized zinc(0) complex with singlet biradicaloid ground state. Chemical Communications, 2021, 57, 5282-5285.	4.1	14
2	Mesoionic N-heterocyclic olefin catalysed reductive functionalization of CO <sub>2</sub> for consecutive N-methylation of amines. Chemical Science, 2021, 12, 12174-12180.	7.4	26
3	Abnormal N-heterocyclic Carbene Based Ni(II) $\pi$ -allyl Complex towards Molecular Oxygen Activation. Chemistry - an Asian Journal, 2021, 16, 2257-2260.	3.3	5
4	Switching between mono and doubly reduced odd alternant hydrocarbon: designing a redox catalyst. Chemical Science, 2021, 12, 3039-3049.	7.4	17
5	A Bottleable Imidazole-Based Radical as a Single Electron Transfer Reagent. Journal of Organic Chemistry, 2021, 86, 1246-1252.	3.2	14
6	Redox-active ligand based Mn( <sup>i</sup> )-catalyst for hydrosilylative ester reduction. Chemical Communications, 2021, 57, 12671-12674.	4.1	6
7	Transition metal-free catalytic reduction of primary amides using an abnormal NHC based potassium complex: integrating nucleophilicity with Lewis acidic activation. Chemical Science, 2020, 11, 1848-1854.	7.4	33
8	Designing a Cr-catalyst bearing redox non-innocent phenalenyl-based ligand towards hydrosilylative CO <sub>2</sub> functionalization. Chemical Communications, 2020, 56, 13788-13791.	4.1	11
9	Catalytic Reduction of Nitriles by Polymethylhydrosiloxane Using a Phenalenyl-Based Iron(III) Complex. Inorganic Chemistry, 2019, 58, 11274-11278.	4.0	18
10	Nickel-Catalyzed C(sp <sup>2</sup> )-H Borylation of Arenes. Organometallics, 2019, 38, 3286-3293.	2.3	24
11	Primary amides to amines or nitriles: a dual role by a single catalyst. Chemical Communications, 2019, 55, 11868-11871.	4.1	40
12	A K-arylacetylide complex for catalytic terminal alkyne functionalization using KO <sup>t</sup> Bu as a precatalyst. Chemical Communications, 2019, 55, 13860-13863.	4.1	15