

# Madanakrishna Katari

## List of Publications by Year in descending order

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7  
papers

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citations

1307594

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1720034

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docs citations

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times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Insight into a Gold(I) N-Heterocyclic Carbene Mediated Alkyne Hydroamination Reaction. <i>Inorganic Chemistry</i> , 2012, 51, 5593-5604.	4.0	51
2	Improved Infrared Spectra Prediction by DFT from a New Experimental Database. <i>Chemistry - A European Journal</i> , 2017, 23, 8414-8423.	3.3	50
3	Palladium complexes of the N-fused heterocycle derived abnormal N-heterocyclic carbenes for the much-preferred Cu-free and the amine-free Sonogashira coupling in air. <i>Polyhedron</i> , 2013, 64, 20-29.	2.2	44
4	An insight into a base-free Michael addition reaction as catalyzed by a bifunctional nickel N-heterocyclic carbene complex using density functional theory studies. <i>Journal of Organometallic Chemistry</i> , 2015, 775, 109-116.	1.8	23
5	Computational Insight Into the Hydroamination of an Activated Olefin, As Catalyzed by a 1,2,4-Triazole-Derived Nickel(II) N-Heterocyclic Carbene Complex. <i>Inorganic Chemistry</i> , 2017, 56, 14859-14869.	4.0	14
6	Combining gas phase electron capture and IRMPD action spectroscopy to probe the electronic structure of a metastable reduced organometallic complex containing a non-innocent ligand. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25689-25692.	2.8	11
7	Structure of Electronically Reduced N-Donor Bidentate Ligands and Their Heteroleptic Four-Coordinate Zinc Complexes: A Survey of Density Functional Theory Results. <i>Inorganic Chemistry</i> , 2019, 58, 7169-7179.	4.0	8