

# Dibakar Sardar

## List of Publications by Year in descending order

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10  
papers

73  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Group-6 metal carbonyl complexes of pyridylbenzoxazole and pyridylbenzothiazole: Synthesis, structure, electrochemistry, photophysical property and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 488-495.	1.8	18
2	The C-H activation of pendant naphthyl group of 1-alkyl-2-(naphthyl-1-azo)imidazole by rhodium(III). Spectral, structural characterization and, DFT computation. <i>Journal of Organometallic Chemistry</i> , 2013, 732, 109-115.	1.8	11
3	Rhodium(III) and iridium(III) complexes of thioaryloimidazoles: Synthesis, structure, spectral characterization, electrochemistry and DFT calculation. <i>Polyhedron</i> , 2010, 29, 3170-3177.	2.2	9
4	Ir(I)-carbonyl complexes of coumarinazoimidazoles: Synthesis structure, electrochemistry, photophysical properties and DFT calculations. <i>Polyhedron</i> , 2011, 30, 1516-1523.	2.2	9
5	Synthesis, structure, DNA interaction and nuclease activity of rhodium(III)-aryloimidazole complexes. <i>Inorganica Chimica Acta</i> , 2013, 394, 98-106.	2.4	8
6	Structure, photophysics, electrochemistry and DFT calculations of [RuH(CO)(PPh <sub>3</sub> ) <sub>2</sub> (coumarinyl-azo-imidazole)]. <i>Polyhedron</i> , 2013, 53, 193-201.	2.2	7
7	Coumarinyl azoimidazolyl complexes of osmium(II) hydridocarbonyls: spectroscopic and structural characterization, oxidation catalysis, photovoltaic effect and density functional theory computation. <i>Applied Organometallic Chemistry</i> , 2016, 30, 323-334.	3.5	4
8	Structure, electrochemistry and photochromism of [Cu(RaaiR <sup>2</sup> )(PPh <sub>3</sub> )X] (RaaiR <sup>2</sup> =1-alkyl-2-(arylo)imidazole; X=Cl, Br, I) and correlation with theoretical calculations. <i>Polyhedron</i> , 2012, 45, 158-169.	2.2	3
9	Rhodium(III) supported amination reaction of a pendant naphthyl group: Structure, electrochemistry and theoretical interpretation. <i>Polyhedron</i> , 2019, 171, 542-550.	2.2	2
10	Rhodium(III) complexes of 1-Alkyl-2-{(o-thioalkyl) phenylazo}imidazoles: synthesis, structure, spectral characterization, DNA binding study and DFT calculation. <i>Transition Metal Chemistry</i> , 2020, 45, 595-603.	1.4	2