

# Maharudra Chakraborty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9223772/publications.pdf>

Version: 2024-02-01

9  
papers

196  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding of DNA with Rhodamine B: Spectroscopic and molecular modeling studies. <i>Dyes and Pigments</i> , 2013, 99, 412-422.	3.7	110
2	Thermodynamic Study of Rhodamine 123-Calf Thymus DNA Interaction: Determination of Calorimetric Enthalpy by Optical Melting Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13151-13161.	2.6	33
3	Biochemical activity of a fluorescent dye rhodamine 6G: Molecular modeling, electrochemical, spectroscopic and thermodynamic studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 369-379.	3.8	17
4	Kinetic studies on oxidation of l-cysteine and 2-mercaptoethanol by a trinuclear Mn(IV) species in aqueous acidic media. <i>Inorganica Chimica Acta</i> , 2013, 398, 77-82.	2.4	10
5	Mechanistic Studies on the Oxidation of Ascorbic Acid and Hydroquinone by a $\{Mn_4O_6\}^{4+}$ Core in Aqueous Media. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4882-4893.	2.5	8
6	Mechanistic studies on the oxidation of thiols by a $\{Mn_4O_6\}^{4+}$ core in aqueous acidic media. <i>Polyhedron</i> , 2012, 45, 213-220.	2.2	8
7	Ni(II) Dimers of NNO Donor Tridentate Reduced Schiff Base Ligands as Alkali Metal Ion Capturing Agents: Syntheses, Crystal Structures and Magnetic Properties. <i>Magnetochemistry</i> , 2018, 4, 51.	2.4	7
8	Kinetics and mechanism of the oxidation of hydroxylamine by a $\{Mn_3O_4\}^{4+}$ core in aqueous acidic media. <i>Dalton Transactions</i> , 2011, 40, 9571.	3.3	2
9	A Simple Demonstration of Atomic and Molecular Orbitals Using Circular Magnets. <i>Journal of Chemical Education</i> , 2014, 91, 1505-1507.	2.3	1