

LIST OF PUBLICATION

1. Mechanistic studies on the oxidation of glyoxylic and pyruvic acids by a $[\text{Mn}_4\text{O}_6]^{4+}$ core in aqueous media: kinetic evidence of oxo-bridge protonation
Suranjana Das, Jhimli Bhattacharyya and Subrata Mukhopadhyay*
Helv. Chim. Acta, 2006, **89**, 1947 – 1958.
2. Mechanistic studies on oxidation of nitrite by a $\{\text{Mn}_3\text{O}_4\}^{4+}$ core in aqueous acidic media
Suranjana Das and Subrata Mukhopadhyay*
Dalton Trans., 2007, 2321 – 2327.
3. Oxidation of N^{III} and N^{I} by a $\{\text{Mn}_4\text{O}_6\}^{4+}$ Core in Aqueous Media: Proton Coupled Electron Transfer
Suranjana Das and Subrata Mukhopadhyay*
Eur. J. Inorg. Chem., 2007, 4500 – 4507.
4. Mechanistic studies on oxidation of Hydrogen Peroxide by an oxo-bridged diiron complex in aqueous acidic media
Suranjana Das, Jhimli Bhattacharyya and Subrata Mukhopadhyay*
Dalton Trans., 2008, 6634 – 6640.
5. Bis(2-aminopyridinium) diaquabis(malonato- k^2 O,O')cuprate(II)
Somnath Ray Choudhury,* Jhimli Bhattacharyya, **Suranjana Das**, Biswajit Dey, Subrata Mukhopadhyay, Li-Ping Lu and Miao-Li Zhu*
Acta Cryst., 2007, **E63**, m1331 – m1332, sup-1 – sup-12.
6. Mechanistic studies on oxidation of L-ascorbic acid by an oxo-bridged diiron complex in aqueous acidic media
Jhimli Bhattacharyya, **Suranjana Das** and Subrata Mukhopadhyay*
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7. Water assisted supramolecular self-assembly: Synthesis and structural characterization of cis-dichloro[1-(2- aminoethyl)biguanide]copper(II)
Biswajit Dey, Somnath Ray Choudhury, **Suranjana Das**, Atish Dipankar Jana, Li-Ping Lu, Miao-Li Zhu*, Amitava Dutta, Subrata Mukhopadhyay*
Polyhedron, 2008, **27**, 2899 – 2904.
8. Crystallographic evidence of supramolecular lone pair- π / π - π / π -anion assembly in Mg(II) malonate complex
Somnath Ray Choudhury, Biswajit Dey, **Suranjana Das**, Patrick Gamez,* Arturo Robertazzi, Chih-Yuan Chen, Hon Man Lee, and Subrata Mukhopadhyay*
J. Phys. Chem. A, 2009, **113**, 1623 – 1627.

9. Robust recognition of malonate and picoline in $(C_6H_8N_2H)_2[M(C_3H_2O_4)_2(H_2O)_2] \cdot 4H_2O$ (M = Ni/Co/Mn) compounds: Role of this highly stable hydrogen-bonded motif in driving the supramolecular self-assembly
Somnath Ray Choudhury, Biswajit Dey, **Suranjana Das**, Arturo Robertazzi, Atish Dipankar Jana, Chih-Yuan Chen, Hon Man Lee, Patrick Gamez and Subrata Mukhopadhyay
Dalton Trans., 2009, 7617 – 7624.
10. Mechanistic studies on the oxidation of pyruvic acid by an oxo-bridged diiron(III,III) complex in aqueous acidic media
Pulak Chandra Mandal, Jhimli Bhattacharyya, **Suranjana Das** and Subrata Mukhopadhyay*
Polyhedron, 2009, 28, 3162 – 3168.
11. Mechanistic studies on the oxidation of glyoxylic and pyruvic acid by $\{Mn_3O_4\}^{4+}$ core in aqueous media
Pulak Chandra Mandal, **Suranjana Das** and Subrata Mukhopadhyay
Int. J. Chem. Kinet., 2010, 42, 323 – 335
12. Kinetics and Mechanism of the Oxidation of Hydroxylamine by a $\{Mn_3O_4\}^{4+}$ Core in Aqueous Acidic Media
Pulak Chandra Mandal, Maharudra Chakraborty, **Suranjana Das**, Carolina Estarellas, David Quiñero, Antonio Frontera* and Subrata Mukhopadhyay*
Dalton Trans., 2011, 40, 9571–9571
13. Mechanistic Studies on the Oxidation of Ascorbic Acid and Hydroquinone by a $\{Mn_4O_6\}^{4+}$ Core in Aqueous Media
Maharudra Chakraborty, N. Jiten Singh, Pulak Chandra Mandal, **Suranjana Das**, and Subrata Mukhopadhyay*
J. Phys. Chem. A, 2011, 115, 4882–4893