List of publications by Dr. Supriya Sabbani, PhD

Independent paper

Publications from University of Hyderabad (Ph. D. work)


8. A New Type of Supramolecular Assembly via Hydrogen Bond Templating: Identification of Rare Monodentate Acetate Coordination in \([\text{Fe}_3(\mu_3-O)(\mu_2-\text{CH}_3\text{COO})_6(\text{H}_2\text{O})_2(\text{CH}_3\text{COO})] \cdot \text{T} \cdot \text{ClO}_4 (\text{T} = 2,6\text{-Diaminopyridinium Cation, C}_6\text{H}_8\text{N}_3\text{ and 2-Aminopyridinium Cation, C}_6\text{H}_7\text{N}_2)\) (2005) S. Supriya, K. Swarna Latha, and S. K. Das Eur. J. Inorg. Chem. 357–363.

9. Hydrogen bonded Supramolecular network in a simple organic-inorganic salt: hydrophilic gallery formed between two hydrophobic layers in the crystal structure of \([\text{C}_6\text{H}_9\text{N}_2] \cdot \text{ClO}_4 \cdot \text{H}_2\text{O} \) (2005) P. Raghavaiah, S. Supriya and S. K. Das CrystEngComm. 7, 167 - 170.


**Publications from The Ohio State University (Postdoc work)**


Oral and Poster Presentations

1. A New Type of Supramolecular Assembly via Hydrogen-Bond Templating: Identification of Rare Monodentate Acetate Coordination in an unusual \{Fe_3\} Complex. **Poster presentation at the “Modern Trends in Inorganic Chemistry” which was held in Indian Institute of Technology, Bombay, India on December, 2003. S. Supriya and S. K. Das.**

2. Molecular Recognition of Methanol: A Reversible Gas-Solid Reaction via Single Crystal to Single Crystal Transformation in an Iron Trinuclear Cluster. **Oral flash presentation at “Chemfest-2006” which was held in School of Chemistry, University of Hyderabad, Hyderabad, India. S. Supriya and S. K. Das.**

3. Microfabrication of zeolite membrane on patterned porous alumina support using soft Lithography at “12th International meeting on Chemical Sensors” which was held at The Ohio State University, Columbus, Ohio, USA, July 2008 **Supriya Sabbani**, Daniel Gallego, Derek Hansford and Prabir K. Dutta’.

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