Publications (Articles in referred Journals only)

Published (27)

1. A Three-dimensional homometallic molecular ferrimagnet
   S. Konar, P. S. Mukherjee, E. Zangrando, F. Lloret and N Ray Chaudhuri,

2. Synthesis, crystal structure and magneto-structural correlation of two bi-bridging
   1D Cu(II) chains
   P. S. Mukherjee, S. Konar, E. Zangrando, C. Diaz, J. Ribas and N. Ray
   Chaudhuri
   of the month]

3. Self-assembly of new three-dimensional molecular architectures of Cd(II) and
   Ag(I)-Na(I) using croconate as a building block
   Dalton Trans., 2003, 171-175. [Top ten web accessed article of the month]

4. Syntheses of two new 1D and 3D networks of Cu(II) and Co(II) using malonate and
   urotropine as bridging ligands: crystal structure and magnetic studies
   S. Konar, P. S. Mukherjee, M.G. B. Drew, J. Ribas and N. Ray Chaudhuri,

5. Structural analyses and magnetic properties of two novel 3D networks of Ni(II)-
   maleate and Mn(II)-adipate with flexible bpe ligand [bpe = 1,2 bis-(4-pyridyl)ethane]
   P. S. Mukherjee, S. Konar, E. Zangrando, J. Ribas and N. Ray Chaudhuri,

6. The first unequivocally ferromagnetically coupled squarato complex: origin of the
   ferromagnetism in an interlocked 3D Fe (II) system
   S. Konar, M. Corbella, E. Zangrando, J. Ribas and N. Ray Chaudhuri,

7. Syntheses, structural analyses, and magneto-structural correlations of
   three polymeric Fe(II) complexes with azide ligand
   S. Konar, E. Zangrando, M.G. B. Drew, T. Mallah, J. Ribas and N. Ray
   Chaudhuri,

8. Combination of covalent and hydrogen bonding in the formation of 3D Co(II)
   fumarate networks
   S. Konar, E. Zangrando and N. Ray Chaudhuri,
9. Synthesis, structural analysis, and magnetic behavior of three-fumarate bridged
coordination polymers: five-fold interpenetrated diamond-like net of Ni$\text{II}$, sheets of
Ni$\text{II}$ and Co$\text{II}$
S. Konar, E. Zangrando, M.G.B. Drew, T. Mallah, J. Ribas and N. Ray Chaudhuri

10. Crystal structure and magnetic behavior of a copper(II)-(pyrazine 2,3-
dicarboxylate) coordination polymer: 3D architecture stabilized by H-bonding
S. Konar, S. C. Manna, E. Zangrando and N. Ray Chaudhuri

11. A dinuclear copper(II) complex based on bridging oxalate and single dicyanamide
P. S. Mukherjee, S. Konar, S. Dalai, E. Zangrando and N. Ray Chaudhuri

12. Structural and magnetic properties of two carboxylato-bridged manganese(II)
complexes with N-donor coligand

13. Two $\mu_{1,5}$-dicyanamide bridged 2D and 3D metal complexes formed by covalent
bonding and weak interactions

14. A new porous 2D coordination polymer built by copper(II) and trimesic acid

15. Two new Ni$\text{II}$ complexes with $\mu_{1,5}$-dicyanamide as bridging ligand
S. Konar, S. Dalai, P. S. Mukherjee, M.G. B. Drew, J. Ribas and N. Ray Chaudhuri

16. Two new $\mu$-1,3-azido bridged polymers: alternating single and double bridges
in a 1D Nickel(II) compound and uniform bridge in a 2D copper(II) complex:
syntheses, single crystal structures and magnetic studies
Chaudhuri

17. MnII/CoII-terephthalate frameworks containing dipyridine coligands: Syntheses,
crystal structures, magnetic behaviors, and thermal studies
S. C. Manna, S. Konar, E. Zangrando, K.-I. Okamoto, J. Ribas and N.
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S. Konar and Z. Ryan Tian. 

19. Oxo-, hydroxo-, and peroxo-bridged Fe(III) phosphonate cages
S. Konar, N. Bhuvanesh, A. Clearfield.
(Corresponding author)

20. Site-specific nucleation and growth kinetics in hierarchical nanosyntheses of branched ZnO crystallites
T. Zhang, W. Dong, M. K. Brewer, S. Konar, R. N. Njabon, and Z. Ryan Tian
*J. Am. Chem. Soc., 2006, 128*(33), 10960-10968

21. Synthesis and characterization of four metal-organophosphonates with 1, 2 and 3-dimensional structures
S. Konar, J. Zoń, A. V. Prosvirin, K. R. Dunbar and A. Clearfield

22. 3D heterometallic (3d–4f) coordination polymers: a ferromagnetic interaction in a Gd(III)–Cu(II) couple
S. C. Manna, S. Konar, E. Zangrando, J. Ribas and N. Ray Chaudhuri
*Polyhedron, 2007, 26*(12), 2507-2516

23. Mixed-valent dodecanuclear vanadium cluster encapsulating chloride anions and its reaction to form a “Bowl”-shaped cluster
S. Konar, A. Clearfield
(Corresponding author)

24. Solvothermal synthesis and characterization of two high-nuclearity mixed-valent manganese phosphonate clusters
S. Konar, A. Clearfield
(Corresponding author)

25. Synthesis and characterization of high nuclearity iron(III) phosphonate molecular clusters
S. Konar, A. Clearfield
(Corresponding author) [Featured on Cover page]

26. Rare Examples of μ-Nitrito-κ²O,O’: κO and μ-Nitrito-κ²O,O’: κN Coordinating Modes in Copper(II) Nitrite Complexes with Mono-Anionic Tridentate Schiff Base Ligands: Structure, Magnetic and Electrochemical Properties
B. Sarkar, S. Konar, C. J. Gómez García, A. Ghosh,
27. Synthesis, Structural and Magnetochemical Studies of Iron Phosphonate Cages based on \( \{ \text{Fe}_3 \text{O} \}^{7+} \) Core  
S. Khanra, S. Konar, A. Clearfield, M. Halliwell, E. J. L. McInnes, E. Tolis, F. Tuna and R. E. P. Winpenny  

### Number of Citation for few Selected Articles *(Source: ISI Web of Science, as of Dec, 09)*

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