

List of Publications

- [1]. “Cyanato bridged binuclear nickel(II) and copper(II) complexes with pyridylpyrazole ligand: Synthesis, Structure and Magnetic Properties”.
M. Zala, **A. Solanki**, S. B. Kumar, A. Escuer, E. Suresh
Inorg. Chim. Acta 375 (2011) 333-337.
- [2]. “A binuclear chloride bridged copper(II) complex with a modified ligand structure and different coordination environment and mononuclear cobalt(II) complexes with a pyridylpyrazole ligand: Synthesis, Structure and Cytotoxic activity.”
S. B. Kumar, M. Zala, **A. Solanki**, M. Rangrez, P. Parikh, E. Suresh
Polyhedron 36 (2012) 15-20.
- [3]. “Mononuclear Copper(II) Complexes with tetradentate pyrazole based ligand: Syntheses, Structures, DNA binding study and Antimicrobial activity.”
A. Solanki, S. B. Kumar, A. A. Doshi, C. Ratna Prabha
Polyhedron 63 (2013) 147-155.
- [4]. “Mononuclear thiocyanate containing nickel(II) and binuclear azido bridged nickel(II) complexes of N₄-coordinate pyrazole based ligand: Synthesis, Structure and Magnetic Properties.”
A. Solanki, S. B. Kumar, M. Monfort
J. Mol. Struct. 1050 (2013) 197-203.
- [5]. “Syntheses and Structural studies of cobalt(II), nickel(II), zinc(II) and cadmium(II) selenocyanate complexes with tetradentate N₄ - donor ligand.”
A. Solanki, S. B. Kumar
Polyhedron 81 (2014) 323-328.
- [6]. “Zinc(II) and Cadmium(II) complexes with N₄-coordinate pyrazole based ligand: Syntheses, Characterization and Structure.”
A. Solanki, M. Sadhu, S. B. Kumar, P. Mitra
J. Mol. Struct. 1076 (2014) 475-482.
-

- [7]. “Synthesis, Characterization, Structure and DNA binding study of Copper(II) and Cobalt(II) complexes with Pyrazole based ligand.”
A. Solanki, S. B. Kumar
Proceeding of the International Conference on Emerging Trends in Chemical Sciences (ICETCS) 2013 held at Central University of Gujarat (in press).
- [8]. “Mononuclear five-coordinate Cobalt(II) complexes with N₄-coordinate pyrazole based ligand and pseudohalogens: Synthesis, Structures, DNA and Protein Binding study.”
A. Solanki, S. B. Kumar
J. Coord. Chem. (Revised manuscript submitted).
- [9]. “Ternary complexes of Copper(II) and Cobalt(II) Carboxylate with Pyrazole based ligand: Syntheses, Characterizations, Structures and Bioactivities.”
A. Solanki, M. Sadhu, S. Patel, R. Devkar, S. B. Kumar
Polyhedron (Revised manuscript submitted).
- [10]. “Ternary complexes of Copper(II) and Cobalt(II) involving Nitrite / Pyrazole and tetradentate N₄-coordinate ligand: Syntheses, Characterizations, Structures and Antimicrobial activity.”
A. Solanki, S. B. Kumar
J. Mol. Struct. (Revised manuscript submitted).
- [11] “Mixed Ligand Complexes of Copper(II), Cobalt(II), Nickel(II) and Zinc(II) with Thiocyanate and Pyrazole based tetradentate Ligand: Syntheses, Characterizations and Structures.
M. H. Sadhu, **A. Solanki, S. B. Kumar**
Polyhedron (Revised manuscript submitted).