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Publications:

1. *Interaction of $V^V O_2^-$ hydrazonates with lysozyme*; M. Paolillo, G. Ferraro, G. Sahu, P.D. Pattanayak, E. Garribba, **Sourangshu Halder**, R. Ghosh, B. Mondal, P.B. Chatterjee, R. Dinda and A. Merlino, *Journal of Inorganic Biochemistry*, 2025, 264, 112787.
2. *pH-Independent Selective Formation of VO_2^+ Motif Incorporating a Family of Hydrazone Ligands: Synthesis, Structure, and Luminescence-Based Sensing Studies toward Selective Metal Ion*, B. Mondal, P. Manna, D.K. Singha, P. Majee, S. Azam, S. Dutta, **Sourangshu Halder**, T. Ghosh, S.K. Mondal and P. Mahata, *Inorg. Chem.* 2024, **63**(46), 22203–22213.
3. *Synthesis, structure, and solution chemistry of mixed-ligand oxidovanadium(IV) complexes incorporating ONO donor hydrazone ligands*, **Sourangshu Halder**, R. Ghosh, T. Ghosh and B. Mondal, *Journal of Coordination Chemistry*, 2024, 1–14.