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List of Publication

1. A dithizone-anchored silica gel surface, {SiO₂}@DZ for the selective sample cleanup of Gd(iii) amidst Fe(iii), Th(iv), and Ce(iv) employing ion pair complexation. Rimi Sarkar, Sneha Mondal, **Biswajit Hansda**, Mousumi Chatterjee, Bhabatosh Mandal. *New J. Chem.*, **2021**, *45*, 11672-11688.
2. Multipoint Immobilization at Inert Center of Papain on Homo-Functional Diazo-Activated Silica Support: A Way of Restoring "Above Room-Temperature" Bio-Catalytic Sustainability. Shailja Mishra, **Biswajit Hansda**, Ankit Ghosh, SnehaMondal, Bhabatosh Mandal, PallaviKumari, Basudev Das, Tanay Kumar Mondal, Tirtha Biswas. *Langmuir* **2023**, *39*, *16*, 5710–5726.
3. Multipoint Immobilization at the Inert Center of Urease on Homofunctional Diazo-Activated Silica Gel: A Way of Restoring Room-Temperature Catalytic Sustainability for Perennial Utilization. Bhabatosh Mandal, SnehaMondal, **Biswajit Hansda**, Shailja Mishra, Ankit Ghosh, Tirtha Biswas, Basudev Das, Tanay Kumar Mondal, Pallavi Kumari. *Langmuir* **2022**, *38*, *22*, 6826–6840.

4. Chemically Bonded Pepsin via Its Inert Center to Diazo Functionalized Silica Gel through Multipoint Attachment Mode: A Way of Restoring Biocatalytic Sustainability over “Wider pH” Range. **Biswajit Hansda**, Shailja Mishra, Ankit Ghosh, Basudev Das, Tirtha Biswas, Tanay K Mondal, Bhavya Srivastava, Sneha Mondal, Dipika Roy, Bhabatosh Mandal. *Langmuir*, **2024**, *40*, *4*, 2146–2164.