

PUBLICATIONS

Published Papers

1. Stabilized Palladium Nanoparticles: Synthesis, Multi-spectroscopic Characterization and Application for Suzuki–Miyaura Reaction, **Anish Patel** and Anjali Patel, *Catal. Lett.*, 2018, 148, 3534-3547
2. Selective C=C Hydrogenation of Unsaturated Hydrocarbons in Neat Water Over Stabilized Palladium Nanoparticles Via Supported 12-Tungstophosphoric Acid, **Anish Patel** and Anjali Patel, *Catal. Lett.*, 2019, 149, 1476-1485
3. Designing of Highly Active and Sustainable Encapsulated Stabilized Palladium Nanoclusters as well as Real Exploitation for Catalytic Hydrogenation in Water, **Anish Patel** and Anjali Patel, *Catal. Lett.*, 2020, DOI: 10.1007/s10562-020-03327-4

Paper Communicated

1. *In situ* Synthesis of Stabilized Palladium Nanoclusters using 12-tungstophosphoric acid: Characterization and Applications for C-C cross coupling as Homogeneous/Heterogeneous Catalysts, **Anish Patel** and Anjali Patel, RSC Adv.

Manuscript Under Progress: 04

Additional Publications

1. Hydrogenation of Cyclohexene in Aqueous Solvent Mixture Over a Sustainable Recyclable Catalyst Comprising Palladium and Monolacunary Silicotungstate Anchored to MCM-41, Anjali Patel, **Anish Patel** and Nilesh Narkhede, *Eur. J. Inorg. Chem.*, 2019, 423-429. (**Note:** Included in Cluster Issue)
2. Nickel exchanged supported 12-tungstophosphoric acid: synthesis, characterization and base free one pot oxidative esterification of aldehyde and alcohol, **Anish Patel** and Anjali Patel, *RSC Adv.*, 2019, 9, 1460-1471
3. Anchored Silicotungstates: Effect of Supports on Catalytic Activity, Anjali Patel, Nilesh Narkhede and **Anish Patel**, *Catal. Surv. Asia*, 2019, 23, 257-264