

Research Publications, Spotlight & Posters

List of publications:

1. Palladium-Catalyzed Selective Amination of Haloaromatics on KF-Alumina Surface, B. Basu,* **P. Das**, A. K. Nanda, S. Das, S. Sarkar, *Synlett* **2005**, in press.
2. Synthesis of β -Amino Esters via Aza-Michael Addition of Amines to Alkenes Promoted on Silica: A Useful and Recyclable Surface, B. Basu,* **P. Das**, I. Hossain, *Synlett* **2004**, *14*, 2630.
3. KF-Alumina-Mediated Selective Double Michael Additions of Aryl Methyl Ketones: A Facile Entry to the Synthesis of Functionalized Pimelate Esters and Derivatives, B. Basu, **P. Das**, I. Hossain, *Synlett* **2004**, *12*, 2224.
4. Microwave-Assisted Copper Promoted *N*-Arylation of Amines with Aryl Boronic Acids/Salts on KF-Alumina Surface, **P. Das** and B. Basu*, *Synth. Commun.* **2004**, *34*(12), 2177.
5. Catalytic Transfer Reduction of Alkenes and an Imine Using Polymer Supported Formates, B. Basu*, Md. M. H. Bhuiyan, **P. Das**, I. Hossain, *Tetrahedron Lett.* **2003**, *44*, 8934.
6. Microwave Assisted Suzuki Coupling on a KF-Alumina Surface: Synthesis of Polyaryls, B. Basu*, **P. Das**, Md. M. H. Bhuiyan and S. Jha, *Tetrahedron Lett.* **2003**, *44*, 3817.
7. A Simple Protocol for Direct Reductive Amination of Aldehydes and Ketones Using Potassium Formate and Catalytic Palladium Acetate, B. Basu*, S. Jha, M. H. Bhuiyan, **P. Das**, *Synlett* **2003**, *4*, 555.

Spotlight:

8. Polymer-Supported Reducing Agents for Hydrogenation, Compiled by **Pralay Das**, *Synlett*, **2004**, Submitted.

Poster Representation:

9. **P. Das, B. Basu***, “ KF-Alumina Mediated One-Pot Synthesis of Aryl Amines Through Palladium-Catalyzed Amination of Polyhaloaromatics”; 7th National Symposium in Chemistry (NSC- 7), CRSI, Bangalore, held: Feb. 4-6, **2005** at IACS, Kolkata (Abstract-P196).
10. **P. Das, B. Basu***, “First Example of Double Michael Additions of Aryl Methyl Ketones on a KF-alumina Surface: Synthesis of Pimelate Ester”; 6th National Symposium in Chemistry (NSC-6), CRSI, Bangalore, held: Feb. 6-8, at IITK, Kanpur **2004**.
11. **P. Das, I. Hossain, B. Basu***, “ Catalytic Transfer Reduction of Conjugated Alkenes and Imine Using Polymer-Supported Formates (PSF)”; National Symposium on Organic Chemistry – II (NSOC-II); Dec. 17, **2003** at Jadavpur University, Kolkata
12. **P. Das, B. Basu***, “ Synthesis of Polyaryls by Suzuki Coupling on a Solid Support”; 5th National Symposium in Chemistry (NSC- 5), CRSI, Bangalore, held: Feb. 7-9, **2003** (Abstract-P197).