

## LIST OF APPENDICES

### APPENDIX A: List of Publications

1. **Samir Kundu** and Basudeb Basu. “Graphene oxide (GO)–catalyzed multi-component reactions: green synthesis of library of pharmacophore 3-sulfenylimidazo[1,2-a]pyridines” *RSC Adv.*, **2015**, *5*, 50178-50185.; doi: 10.1039/c5ra04983k.
2. Basudeb Basu and **Samir Kundu**: “Unprecedented amidation of ‘transient’ aryl thioaldehydes by N,N-dimethylformamide under basic conditions” *New J. Chem.*, **2014**, *38*, 3367-3370.; doi: 10.1039/c4nj00480a.
3. **Samir Kundu**, Babli Roy and Basudeb Basu: “Silica: An efficient catalyst for one-pot regioselective synthesis of dithioethers” *Beilstein J. Org. Chem.*, **2014**, *10*, 26-33.; doi:10.3762/bjoc.10.5.
4. Basudeb Basu, **Samir Kundu** and Debasish Sengupta: “Graphene oxide as a carbocatalyst: the first example of a one-pot sequential dehydration–hydrothiolation of secondary aryl alcohols” *RSC Adv.*, **2013**, *3*, 22130-22134.; doi: 10.1039/c3ra44712j.

#### (Not related to the Thesis)

1. Basudeb Basu, Kinkar Biswas, **Samir Kundu**, and Debasish Sengupta: “In Quest of ‘Stereoselective Switch’ for On-Water Hydrothiolation of Terminal Alkynes Using Different Additives and Green Synthesis of Vicinal Dithioethers” *Organic Chemistry International*, **2014**, Article ID 358932, <http://dx.doi.org/10.1155/2014/358932>.

## Appendix B: List of Poster Presentations

1. **Samir Kundu** and Basudeb Basu “*Graphene Oxide (GO) catalyzed tandem synthesis of Imidazo[1,2-a]pyridines and further one-pot sulfenylation*”, Frontiers in Chemistry-February 17-18, 2015, Department of Chemistry, University of North Bengal, India.
2. **Samir Kundu**, Debasish sengupta, Sankar Saha and Basudeb Basu “*Graphene oxide as Carbocatalyst: First example of one-pot sequential dehydration-hydrothiolation of sec. aryl alcohols*”, Workshop on Diversities and Frontiers in Chemistry under State University Network-August 07-08, 2013, Department of Chemistry, University of North Bengal, India.