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**LIST OF RESEARCH  
PUBLICATIONS**

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## LIST OF PUBLICATIONS

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- [1] **S. Gupta**, P. Chaudhary, L. Seva, S. Sabiah, and J. Kandasamy, "Bio-based green solvent for the catalyst free oxidation of arylboronic acids into phenols," *RSC Advances*, **5** (2015) 89133–89138.
- [2] **S. Gupta**, P. Chaudhary, V. Srivastava, and J. Kandasamy, "A chemoselective *ipso*-hydroxylation of arylboronic acids using urea-hydrogen peroxide under catalyst free condition," *Tetrahedron Letters*, **57** (2016) 2506–2510.
- [3] P. Chaudhary, # **S. Gupta**,# S. Popuri, S. Sabiah, and J. Kandasamy, "A metal free reduction of aryl-*N*-nitrosamines to corresponding hydrazines using sustainable reductant thiourea dioxide," *Green Chemistry*, **18**(2016) 6215–6221. (#**equal contribution**)
- [4] P. Chaudhary, **S. Gupta**, N. Muniyappan, S. Sabiah, and J. Kandasamy, "An efficient synthesis of *N*-nitrosamines under solvent, metal and acid free conditions using *tert*-butyl nitrite," *Green Chemistry*, **18**(2016) 2323-2330.
- [5] **S. Gupta**, P. Chaudhary, N. Muniyappan, S. Sabiah, and J. Kandasamy, "Copper promoted *N*-alkylation of sulfoximines with alkylboronic acid under mild conditions," *Organic and Biomolecular Chemistry*, **15**(2017) 8493-8498.
- [6] **S. Gupta**, P. Sureshbabu, A. K. Singh, S. Sabiah, and J. Kandasamy, "Deoxygenation of *tertiary* amine *N*-oxides under metal free condition using phenylboronic acid," *Tetrahedron. Letters*, **58**(2017) 909-913.
- [7] A. K. Singh, V. Tiwari, K. B. Mishra, **S. Gupta**, and J. Kandasamy, "Urea-hydrogen peroxide prompted selective and controlled oxidation of thioglycosides into Sulfoxides and Sulfones," *Beilstein Journal of Organic Chemistry*, **13**(2017) 1139–1144.
- [8] P. Chaudhary, R. Korde, **S. Gupta**, P. Sureshbabu, S. Sabiah, and J. Kandasamy, "An efficient metal-free method for the denitrosation of aryl *N*-nitrosamines at room temperature," *Advance Synthesis and Catalysis*, **360**(2018) 556–561.
- [9] **S. Gupta**, S. Baranwal, and J. Kandasamy, "Copper catalyzed *Chan-Lam N*-arylation of sulfoximines with arylboronic acid under mild condition, (2018) (**Submitted**).
- [10] **S. Gupta**, S. Baranwal, and J. Kandasamy, "Copper-catalyzed oxidative cross-coupling of phosphites and sulfoximines to sulfoximine derived phosphoramidates under mild condition," (2018) (**Submitted**).
- [11] P. Chaudhary, **S. Gupta**, V. Tiwari, S. Sabiah, and J. Kandasamy, "A regio-selective ring nitration of *N*-alkyl anilines using *tert*-butyl nitrite under mild condition, (2018) (**Submitted**).