















- Fernandes, A., & Royo, B. (2017). Water-Soluble Iridium N-Heterocyclic Carbene Complexes for the Alkylation of Amines with Alcohols. *ChemCatChem*, 9(20), 3912-3917.
- Grigg, R., Mitchell, T. R., Sutthivaiyakit, B. S., & Tongpenyai, N. J. (1981) Transition metal-catalysed N-alkylation of amines by alcohols. *Chemical Communication*, 611-612.
- Kang, Q., & Zhang, Y., (2012). Copper-catalyzed highly efficient aerobic oxidative synthesis of imines from alcohols and amines. *Green Chemistry*, 14, 1016-1019.
- Kim, J.W., Yamaguchi, K., & Mizuno, N. (2009). Heterogeneously catalyzed selective N-alkylation of aromatic and heteroaromatic amines with alcohols by a supported ruthenium hydroxide. *Journal of Catalysis*, 263, 205-208.
- Lawrence, S. A. Ed. (2006). Amines: Synthesis, Properties, and Applications; Cambridge University Press: Cambridge, U.K., 2006.
- Mamidala, R., Mukundam, V., Dhanunjayarao, K., & Venkatasubbaiah, K. (2017). Cyclometalated palladium pre-catalyst for N-alkylation of amines using alcohols and regioselective alkylation of sulfanilamide using aryl alcohols. *Tetrahedron*, 73, 2225-2233.
- Mastalir, M., Stöger, B., Pittenauer, E., Puchberger, M., Allmaier, G., & Kirchner, K. (2016a). Air Stable Iron(II) PNP Pincer Complexes as Efficient Catalysts for the Selective Alkylation of Amines with Alcohols. *Advanced Synthesis & Catalysis*, 358, 3824-3831.
- Mastalir, M., Tomsu, G., Pittenauer, E., Allmaier, G., & Kirchner, K. (2016b). Co(II) PCP Pincer Complexes as Catalysts for the Alkylation of Aromatic Amines with Primary Alcohols. *Organic Letters*, 18, 3462-3465.
- Pan, S., & Shibata, T. (2013) Recent advances in iridium-catalyzed alkylation of C-H and N-H bonds. *ACS Catalysis*, 3, 704-712.
- Prakash, G., Nirmala, M., Ramachandran, R., Viswanathamurthi, P., Malecki, J. G., & Sanmartin, J. (2015). Heteroleptic binuclear copper(I) complexes bearing bis(salicylidene)hydrazone ligands: Synthesis, crystal structure and application in catalytic N-alkylation of amines. *Polyhedron*, 89, 62-69.
- Ramachandran, R., Prakash, G., Viswanathamurthi, P., & Malecki, J. G. (2018). Ruthenium(II) complexes containing phosphino hydrazone/thiosemicarbazone ligand: An efficient catalyst for regioselective N-alkylation of amine via borrowing hydrogen methodology. *Inorganica Chimica Acta*, 477, 122-129.
- Ricci, A. (2008). Amino Group Chemistry: From Synthesis to the Life Sciences; A. Ed.; Wiley-VCH: Weinheim, Germany.
- Şahin, N., Özdemir, N., Gürbüz, N., & Özdemir, İ. (2019). Novel N-Alkylbenzimidazole-Ruthenium (II) complexes: Synthesis and catalytic activity of N-alkylating reaction under solvent-free medium. *Applied Organometallic Chemistry*, 33, e4704.
- Watanabe, T. Y., & Oshugi, Y. (1981). The Ruthenium Catalyzed N-Alkylation and N-Heterocyclization of Aniline Using Alcohols and Aldehydes. *Tetrahedron Letters*, 22, 2667-2770.
- Yiğit, B., Karaca, E. Ö., Yiğit, M., Gürbüz, N., Aslan, H., & Özdemir, İ. (2020). Active ruthenium(II)-NHC complexes for alkylation of amines with alcohols using solvent-free conditions. *Polyhedron*, 175, 114234.
- Yu, X-J., He, H-Y., Yang, L., Fu, H-Y., Zheng, X-L., Chen, H., & Li, R. X. (2017). Hemilabile N-heterocyclic carbene (NHC)-nitrogen-phosphine mediated Ru (II)-catalyzed N-alkylation of aromatic amine with alcohol efficiently. *Catalysis Communications*, 95, 54-57.