
List of Research Publications

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1. **Swati Chauhan**, Priyanka Chaudhary, Adesh Kumar Singh, Pratibha Verma, Vandana Srivastava, and Jeyakumar Kandasamy, "*tert*-Butyl nitrite induced radical dimerization of primary thioamides and selenoamides at room temperature," *Tetrahedron letters*, **59** (2018) 272-276.
2. **Swati Chauhan**, Pratibha Verma, Ankush Mishra, and Vandana Srivastava, "An Expeditious Ultrasound-Initiated Green Synthesis of 1, 2, 4-Thiadiazoles in Water," *Chemistry of Heterocyclic Compounds*, **56** (2020) 123-126.
3. **Swati Chauhan**, Pratibha Verma, Jeyakumar Kandasamy, and Vandana Srivastava, "A practical synthesis of 3-functionalized coumarins from *o*-cresols and active methylene compounds under metal and catalyst-free conditions using *tert*-butyl hydrogen peroxide" *ChemistrySelect*, **5** (2020) 9030-9033
4. **Swati Chauhan**, and Vandana Srivastava, "Development of a Scalable Route for the Synthesis of [1,2-*a*]pyridines under Metal and solvent Free Conditions," (Communicated).
5. **Swati Chauhan**, Ankush Mishra, Pratibha Verma, and Vandana Srivastava, "Solar Energy Mediated Green Synthesis of Tetrahydrobenzo[*b*]Pyran using L-Ascorbic Acid as an Organocatalyst in Aqueous Medium," *Organic Preparations and Procedures International* (Accepted 2020).
6. Ankush Mishra, **Swati Chauhan**, Pratibha Verma, Sundaram Singh, and Vandana Srivastava, "TBHP-Initiated Transamidation of Secondary Amides via C–N Bond Activation: A Metal-Free Approach," *Asian Journal of Organic Chemistry*, **8** (2019) 853-857.
7. Pratibha Verma, Ankush Mishra, **Swati Chauhan**, Sundaram Singh, and Vandana Srivastava, "DABCO Catalyzed Synthesis of β -Hydroxy Ketones Derived from α -Methyl Ketones and Ninhydrin under Microwave Irradiations," *ChemistrySelect*, **4** (2019) 5394-5397.
8. Pratibha Verma, Shaili Pal, **Swati Chauhan**, Ankush Mishra, Indrajit Sinha, Sundaram Singh, and Vandana Srivastava, "Starch functionalized magnetite nanoparticles: A green, biocatalyst for one-pot multicomponent synthesis of imidazopyrimidine derivatives in aqueous medium under ultrasound irradiation," *Journal of Molecular Structure*, **1203** (2020) 127410.
9. Ankush Mishra, Chandrabhan Verma, **Swati Chauhan**, M. A. Quraishi, Eno E. Ebenso, and Vandana Srivastava, "Synthesis, characterization, and corrosion inhibition performance of 5-aminopyrazole carbonitriles towards mild steel acidic corrosion," *Journal of Bio-and Tribo-Corrosion*, **4** (2018) 53.
10. Chandrabhan Verma, Ankush Mishra, **Swati Chauhan**, Pratibha Verma, Vandana Srivastava, M. A. Quraishi, and Eno E. Ebenso, "Dissolution of cellulose in ionic liquids and their mixed cosolvents: A review," *Sustainable Chemistry and Pharmacy*, **13** (2019) 100162.