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## LIST OF PUBLICATIONS

- **G. Byre Gowda**, T. P. Charanraj, C. S. Pradeepa Kumara, N. Ramesh, M. P. Sadashiva, H. Junjappa. Synthesis of novel  $\beta$ -aryl- $\beta$ -(methylthio) acroleins via Vilsmeier–Haack protocol as potential 1,3-dielectrophilic three-carbon building blocks. *Tetrahedron Letters*. **2014**, 55 (32), 4475-4479.
- **G. Byre Gowda**, C. S. Pradeepa Kumara, N. Ramesh, M. P. Sadashiva, H. Junjappa. “Base catalyzed reaction of ethyl thioglycolate with  $\beta$ -aryl- $\beta$ -(methylthio) acroleins: a general method for the synthesis of 2-carbethoxy-5-substituted/4,5-annulated thiophenes in high overall yields”. *Tetrahedron letters*. **2016**, 57(8), 928-931.
- C. S. Pradeepa Kumara, **G. Byre Gowda**, N. Ramesh, M. P. Sadashiva, H. Junjappa. “A new general method for the synthesis of thiophenes through acid mediated cyclization of mixed acetals derived from  $\beta$ -oxodithioates and bromoacetaldehyde acetal”. *Tetrahedron Letters*. **2016**, 23 (8), 2520-2523.
- C. S. Pradeepa Kumara, **G. Byre Gowda**, K. S. Vinay Kumar, N. Ramesh, M. P. Sadashiva, H. Junjappa. “Base catalyzed reaction of 1,4-dithiane-2,5-diol with  $\alpha$ -oxoketene dithioacetals: a new general method for the synthesis of 2-methylthio-3-aryl/heteroaryl thiophenes”. *Tetrahedron letters*. **2016**, 38(21), 4302-4305.
- **Byre Gowda, G.**; Pradeepa Kumara, C. S.; Sadashiva, M. P.; Junjappa, H. “A Novel Synthesis of 1,5-diketone equivalents as strategic precursors and their applications to substituted and annulated pyridines” Best Poster Award: *International conference NIICT-IICT, Hyderabad, India*. **2016**, September, 19-20.