



Selective Functionalization of C-H Bonds

Guest Editor:

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Message from the Guest Editor

The functionalization of C–H bonds has witnessed rapid development over the past two decades. It has become a powerful tool for chemists to forge C–X bonds in a totally untraditional way; a wide range of chemical bonds (e.g., C–C, C–O, C–N, C–halogen, C–B, C–Si, etc.) can be formed from C–H bonds. Applications of this technology are common in the syntheses of natural products, pharmaceutical agents, and materials. In addition to extensive investigations on the functionalizations of C–H bonds, studies on the selectivity of C–H functionalization have also garnered great interest.

The goal of this Special Issue is to collect original research papers and review articles devoted to all aspects of the selective functionalization of C–H bonds, which can occur either by transition metal-catalyzed pathways or radical processes.





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Message from the Editor-in-Chief

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