Special Issue

Metal-Catalyzed Cross-Couplings

Message from the Guest Editors

This Special Issue aims to provide a comprehensive platform for showcasing recent advancements, innovative methodologies, and emerging trends in metal-catalyzed cross-coupling reactions including but not limit to: carbon–carbon/heteroatom bond formation, metal driven photo/electrocatalytic reactions. By bringing together contributions from researchers around the world, the special issue will highlight the transformative potential of these cross-coupling reactions in academic, industrial, and pharmaceutical applications. These reactions involve the use of metal complexes or salts as catalysts to form covalent bonds between two organic fragments, typically through the formation and manipulation of metal-organic intermediates, which is well within the scope of Inorganics. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Metal catalyzed carbon–carbon bond formation
- Metal catalyzed carbon–heteroatom bond formation
- Photocatalytic reaction using metal as photocatalyst
- Metal catalyzed reactions *via* electrochemistry
- Magnetoredox reaction

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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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