

## Special Issue

# Advances in Catalytic Coupling Reactions, 2nd Edition

### Message from the Guest Editors

After the first successful special issue focused on catalytic coupling reactions, as catalysts available here, we propose the second edition titled "Advances in Catalytic Coupling Reactions" in *Catalysts* II". Coupling reactions are a fundamental and reliable organic synthetic tool for constructing carbon-carbon, carbon-nitrogen, and carbon-oxygen bonds in various academic and industrial fields. For example, the Suzuki-Miyaura cross-coupling reaction between an aryl halide and an organoboron species is catalyzed by the combination of a palladium metal catalyst and a ligand to form a carbon-carbon bond. Until today, various improvements have been made to transition metal catalysts and ligands, and reaction efficiencies and substrate applicability have been dramatically improved. We welcome articles, communications, and reviews on the recent advances in coupling reactions using homogeneous/heterogeneous catalysts, and traditional/renovated/novel reaction methods, equipment and technology.

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### Guest Editors

Prof. Dr. Igor M. Opsenica  
Prof. Dr. Hironao Sajiki  
Dr. Yoshinari Sawama

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### Deadline for manuscript submissions

closed (30 September 2023)



## Catalysts

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
KS, USA

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