



Metal Catalysts in Organic Chemistry

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Message from the Guest Editor

Recent advancements in material science have profoundly impacted metal catalysis, leading to significant enhancements in reaction performance and efficiency. Innovations in materials and preparation techniques have been pivotal in these developments. Current research focuses on optimizing catalysts through the integration of various inorganic materials and the combination of different catalytic phases, including both homogeneous and heterogeneous catalysis. Each approach offers distinct advantages for specific reaction types. Additionally, advanced assembly techniques, such as sophisticated impregnation methods and controlled synthesis processes, are further refining catalyst properties and performance.





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