

Special Issue

Advances in Catalysis in Nitrogen-to-Ammonia Fixation

Message from the Guest Editors

Submissions to this Special Issue, entitled “Advances in Catalysis in Nitrogen-to-Ammonia Fixation”, may take the form of original research articles and short reviews which reflect state-of-the-art work on N₂-to-NH₃ fixation through photocatalytic, electrochemical, photoelectrochemical and enzymatic routes on the following topics: the efficient catalytic conversion of N₂ to NH₃, catalyst research and development for the N₂ reduction reaction (NRR), catalyst stability and deactivation, the catalytic mechanism, the kinetics and modeling of NRR, novel catalytic routes for NRR, and structure–functional relationships of catalysts.

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