Special Issue

Recent Advances in Environment and Energy Catalysis

Message from the Guest Editors

Rapid human development has been accompanied by serious challenges in environmental protectionn. This has brought a sustainable new energy revolution to address the increasingly serious global climate change. The catalytic technique constitutes one of the key routes to solving such issues as those faced in the environment protection and energy revolution fields. The present Issue aims to majorly focus on the recent developments in advanced catalytic materials designs. Environmental protection includes, but is not limited to the following areas: (1) CO2 neutralization (CO2 hydrogenation, drying reforming); (2) gas and diesel hydrodesulfurization (HDS); (3) NOx selective catalytic reduction (NH3-SCR, et al.); (4) VOCs combustion, adsorption, and resource reusing; (5) water electrolysis (hydrogen evolution reaction, HER; oxygen evolution reaction OER) & fuel cells. If you would like to submit papers to this Special Issue or have any questions, please contact the editor, Mr. Ives Liu (ives.liu@mdpi.com).

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

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