



Recent Advances in Environment and Energy Catalysis

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Message from the Guest Editors

Dear Colleagues,

Rapid human development has been accompanied by serious challenges in environmental protection. 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) NO_x 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).

