Special Issue

Catalytic Materials: Elimination of Environmental Pollutants

Message from the Guest Editors

With increased urbanization, more people live in the city causing a variety of pollutants to the urban environment. Therefore, the development of controlling technologies has attracted more attention. For example, the emission of NOx is reduced by NH3-SCR, indoor formaldehyde can be eliminated by catalytic oxidation, and organic dye in water can be decomposed via photocatalysis. However, the widespread application of catalysts results in some problems concerning lifetime, costing, as well as regeneration and post-treatment of inactivate catalyst. This Special Issue call for papers for *Catalysts* invites research contributions on the latest multidisciplinary advances on Environmental Catalysis covering these crucial fields: (1) Noble metal catalyst with high dispersion, single atom catalyst (2) Application of non-noble catalyst, rare earth material (3) Modulation of strong interaction between support and metal (4) Mechanism of catalyst poisoning at environment condition (5) Prolonged lifetime of environmental catalyst (6) Resource recycling

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