catalysts

an Open Access Journal by MDPI

IMPACT FACTOR 4.0

CITESCORE 7.6

Heterogeneous Catalysts for Organic Wastewater Treatment

Guest Editors:

Dr. Fengxia Deng
1. State Key Laboratory of Urban Water Resources Centre, School of Environment, Harbin Institute of Technology, Harbin 150090, China
2. Laboratori d'Electroquímica dels Materials i del Medi Ambient, Departament de Química Física, Facultat de Química, Universitat de Barcelona, Martí i Franquès 1-11, 08028 Barcelona, Spain

Dr. Xiaoxiao Zhang
1. School of Civil Engineering, Sichuan Agricultural University, Dujiangyan 611800, China
2. Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong, China

Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will cover a wide range of heterogeneous catalysis and diverse heterogeneous catalytic processes for wastewater treatment. Research topics include but are not limited to the following:

- Design and synthesis of heterogeneous catalysts, such as Fe-based catalysts, Fe-free metal catalysts, and carbon-based catalysts;
- Structure, morphology, performance, and synthesis and reaction mechanisms of heterogeneous catalysis;
- Applications of diverse heterogeneous catalytic processes for wastewater treatment, such as heterogeneous catalytic ozonation, electro-Fenton, heterogeneous Fenton or Fenton-like, and adsorption processes.

This Special Issue introduces state-of-the-art research on “Heterogeneous Catalysts for Organic Wastewater Treatment” to promote altruistic collaboration between China and international researchers.

Dr. Fengxia Deng
Dr. Xiaoxiao Zhang
Guest Editors

mdpi.com/si/119980

Special Issue