

Special Issue

Transition Metals/Oxides/Oxyanions Based Catalysts for Photo- /Electro-Chemical Application

Message from the Guest Editors

This Special Issue aims to cover all types of metal vanadate-, molybdate-, and tungstate-based catalyst materials used in photo-/electrochemical applications. This also includes the synthesis, materials' characterization, property evaluation, composite material synthesis, biomolecule detection, environmental/pharmaceutical pollutant detection and degradation through photo/electrocatalytic oxidations and reductions, photodegradation, electrochemical sensing, energy storage, and conversion application. The issue also concerns experimental and theoretical evaluation to understand the photo/electrocatalytic reaction kinetics of potential catalysts. Original research papers, short communications, and review articles are invited for submission.

Guest Editors

Dr. Chelladurai Karuppiah
Prof. Dr. Chun-Chen Yang
Prof. Dr. Shen-Ming Chen
Dr. Prabhakarn Arunachalam

Deadline for manuscript submissions

closed (20 November 2021)



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Catalysts
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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Prof. Dr. Keith Hohn
Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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