catalysts

an Open Access Journal by MDPI

IMPACT FACTOR 3.8

CITESCORE 6.8

Catalysts in Neoteric Solvents

Guest Editor:

Dr. María S. Álvarez
Department of Chemical Engineering, Universidade de Vigo, P.O. Box, 36310 Vigo, Spain

Deadline for manuscript submissions:
closed (15 January 2021)

Message from the Guest Editor

The need for the development of more green chemical processes has encouraged the investment of great research efforts in non-conventional solvents such as ionic liquids, supercritical fluids, or deep eutectic solvents. During the last few years, eutectic solvents have aroused great interest due to their unique characteristic of simple formulation and their low-cost or weak environmental footprint, becoming promising candidates to improve sustainability. In light of this, the aim of this Special Issue is to show the recent breakthroughs and trends in developing new catalytic systems based on neoteric solvents.Thus, I invite you to submit your original research or short review articles related to the application of eutectic solvents in catalysis reactions, the stability of biological or chemical catalysts in the presence of deep eutectic solvents and/or natural deep eutectic solvents, tolerance and toxicity in catalysis, improvements in catalytic processes developed in the presence of these neoteric solvents, or other contributions that improve our knowledge of how these eutectic solvents can improve catalysis reactions. I encourage you to share your work in this field.