

Special Issue

Emerging Technologies and Novel Approaches for Enzymatic Catalysis

Message from the Guest Editors

Driven by the need for the development and application of various biotechnological products, emerging technologies and novel approaches for catalysis are being attempted today. Furthermore, there has been much attention on the safety of bioprocesses and efficiency of bioconversions. In this regard, investigations on enzymatic catalysis are a promising research field. This Special Issue aims to focus on the enzymatic synthesis of various biomaterials; kinetics and bioreactors for enzymatic bioconversion; investigations on enzymatic mechanisms; the treatment of free or immobilized enzymes to control of microorganisms; novel utilizations of biocatalysts; and others. In addition, focusing on the development and application of eco-friendly catalysis is welcome. This Special Issue will not only include basic science but also applied research. It will attempt to cover review articles as well as original research papers on these topics, demonstrating both technical advances and practical utilizations.

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Deadline for manuscript submissions

closed (31 May 2021)



Catalysts

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 7.6



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