

## Special Issue

# Enzyme Catalysis: Advances, Techniques and Outlooks

### Message from the Guest Editors

Enzymes as natural catalysts have been widely used in various fields, including pharmaceuticals, food manufacturing, biofuels, cosmetic products, and as tools for research and development. Enzyme catalysis has been developed into a rather mature technology and as an alternative to chemical catalysis in recent decades, especially to make chiral compounds for pharmaceuticals as well for chemically challenging reactions. Supported by modern bioinformatics and computer-assisted enzyme discovery and engineering, abundant new enzymes or variants with excellent properties have been rapidly identified for numerous applications. This Special Issue intends to discuss the advances, state-of-the-art techniques, limitations and opportunities and provide an outlook on the development and improvement of enzyme catalysis. We aim to collect a set of original research articles and reviews that cover all aspects of enzyme catalysis.

Scan the QR code for more information.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 September 2022)



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