

Special Issue

Microflow (Bio)Catalysis

Message from the Guest Editors

The development of the sustainable (bio)catalytic process includes research regarding (bio)catalyst selection and optimization, process conditions selection and optimization, as well as the reactor system selection and optimization. Over the years, researchers showed numerous advantages of using microscale reactor systems for (bio)catalytic processes. Miniaturization of reaction space ensures time, space, and, moreover, costs reduction and ensures high volume productivities while operating in continuous mode. This Special Issue welcomes papers in area of: Microfluidic devices for (bio)catalytic processes Flow description and control in microfluidic devices Biotransformation's with enzymes or whole cells (Bio)catalyst immobilization in microfluidic systems Application of green solvents for (bio)catalysis in microfluidic systems Process optimization Multi-enzyme cascades and process integration Kinetic studies and mathematical modeling On-line monitoring of (bio)catalysis in microfluidic systems

Guest Editors

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Deadline for manuscript submissions

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