



*actuators*



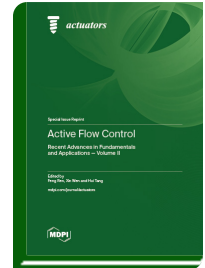
*Special Issue Reprint*

## Active Flow Control

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Active flow control (AFC) has emerged as a vibrant research field with significant potential to address a broad spectrum of academic and industrial challenges. Recent developments in actuation technologies and computational/experimental methods, together with the resurgence of machine learning, have positioned AFC to achieve enhanced effectiveness, efficiency, robustness, and intelligence. The following reprint compiles fundamental studies and practical applications of AFC, encompassing the design and development of novel actuators, innovative control strategies, and advances in theoretical, computational, and experimental approaches, alongside explorations of related interdisciplinary topics.



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