



A review on research in droplet microfluidics- Professor Weitz, Harvard School of Engineering and Applied Sciences, Harvard University, Cambridge, Massachusetts, USA and Professor Shum, Department of Mechanical Engineering, The University of Hong Kong & Advanced Biomedical Instrumentation Centre, Hong Kong SAR, China.

Development and future of droplet microfluidics

Over the past two decades, droplet microfluidics has inspired applications across multiple disciplines from materials science to biology. In this review, we discuss the physical mechanisms behind high-throughput generation and manipulation of droplets, summarize their applications in droplet-derived materials and droplet-based biotechnology, and share our perspectives on their wider use in industrial production and biomedical analyses.

As featured in:



See Ho Cheung Shum *et al.*,
Lab Chip, 2024, **24**, 1210.