



Showcasing research from Professor Jian Chen's laboratory, State Key Laboratory of Transducer Technology, Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing, China.

A high-sensitivity and clogging-free microfluidic impedance flow cytometer based on three-dimensional hydrodynamic focusing

This study presents a microfluidic impedance flow cytometer utilizing three-dimensional hydrodynamic focusing, which achieves high impedance sensitivity of single-cell analysis while eliminating the risk of channel blockage.

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### As featured in:



See Jian Chen, Yi Zhang and Yueying Li *et al.*, *Lab Chip*, 2025, **25**, 5122.