

Yu Han

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly sensitive and stable zwitterionic poly(sulfobetaine-3,4-ethylenedioxythiophene) (PSBEDOT) glucose biosensor. <i>Chemical Science</i> , 2018, 9, 2540-2546.	7.4	53
2	A multiplexed immunoaggregation biomarker assay using a two-stage micro resistive pulse sensor. <i>Biomicrofluidics</i> , 2016, 10, 024109.	2.4	9
3	A two-stage microresistive pulse immunosensor for pathogen detection. <i>Lab on A Chip</i> , 2016, 16, 773-779.	6.0	7
4	Airborne mineral dust measurement using an integrated microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	3
5	A Versatile Microparticle-Based Immunoaggregation Assay for Macromolecular Biomarker Detection and Quantification. <i>PLoS ONE</i> , 2015, 10, e0115046.	2.5	5
6	Continuous size-based separation of microparticles in a microchannel with symmetric sharp corner structures. <i>Biomicrofluidics</i> , 2014, 8, 024108.	2.4	19
7	High-throughput, single-stream microparticle focusing using a microchannel with asymmetric sharp corners. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 639-646.	2.2	16
8	Label-Free Biomarker Assay in a Microresistive Pulse Sensor via Immunoaggregation. <i>Analytical Chemistry</i> , 2014, 86, 9717-9722.	6.5	22
9	High Throughput Wear Debris Detection in Lubricants Using a Resonance Frequency Division Multiplexed Sensor. <i>Tribology Letters</i> , 2013, 51, 453-460.	2.6	55