

Hui You

List of Publications by Year in descending order

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papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	A simple sealing device based on capillary force. <i>Analytical Sciences</i> , 2022, 38, 451-455.	1.6	1
2	A Composite Porous Membrane Based on Derived Cellulose for Transient Gel Electrolyte in Transient Lithium-ion Batteries. <i>Materials</i> , 2022, 15, 1584.	2.9	4
3	A Novel Planar Grounded Capacitively Coupled Contactless Conductivity Detector for Microchip Electrophoresis. <i>Micromachines</i> , 2022, 13, 394.	2.9	7
4	Substrate-free, ultra-conformable PEDOT: PSS E-tattoo achieved by energy regulation on skin. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114118.	10.1	18
5	Research on the Centrifugal Driving of a Water-in-Oil Droplet in a Microfluidic Chip with Spiral Microchannel. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4362.	2.5	0
6	Recent Applications of Point-of-Care Devices for Glucose Detection on the Basis of Stimuli-Responsive Volume Phase Transition of Hydrogel. <i>Biochip Journal</i> , 2021, 15, 23-41.	4.9	15
7	Multistory Stairs-based, Fast and Point-of-care Testing for Disease Biomarker Using One-step Capillary Microfluidic Fluoroimmunoassay Chip via Continuous On-chip Labelling. <i>Biochip Journal</i> , 2021, 15, 268-275.	4.9	10
8	One-sampling and Rapid Analysis of Cancer Biomarker on a Power-free and Low-cost Microfluidic Chip. <i>Analytical Sciences</i> , 2021, 37, 1695-1700.	1.6	6
9	Photovoltaic power forecasting based on a support vector machine with improved ant colony optimization. <i>Journal of Cleaner Production</i> , 2020, 277, 123948.	9.3	111
10	Design and fabrication of a microfluidic chip to detect tumor markers. <i>RSC Advances</i> , 2020, 10, 39779-39785.	3.6	7
11	Efficient Bond of PDMS and Printed Circuit Board with An Application on Continuous-flow Polymerase Chain Reaction. <i>Biochip Journal</i> , 2020, 14, 349-357.	4.9	8
12	A simple and rapid method for blood plasma separation driven by capillary force with an application in protein detection. <i>Analytical Methods</i> , 2020, 12, 2560-2570.	2.7	14
13	A hybrid adhesive bonding of PMMA and PCB with an application on microchip electrophoresis. <i>Analytical Methods</i> , 2019, 11, 1229-1236.	2.7	14
14	A Novel Solution-auto-introduction Electrophoresis Microchip Based on Capillary Force. <i>Analytical Sciences</i> , 2018, 34, 1285-1290.	1.6	5
15	Simulation and experimental research of the cross-shape-effects on the performance of ion measurement by microchip electrophoresis. <i>Measurement Science and Technology</i> , 2018, 29, 125103.	2.6	3
16	An Effective Capillary Valve Based on Micro-hole Array for Microfluidic Systems. <i>Analytical Sciences</i> , 2018, 34, 1323-1327.	1.6	5
17	A plug-in electrophoresis microchip with PCB electrodes for contactless conductivity detection. <i>Royal Society Open Science</i> , 2018, 5, 171687.	2.4	6
18	Simultaneous Determination of Inorganic Cations and Anions in Microchip Electrophoresis Using High-voltage Relays. <i>Analytical Sciences</i> , 2018, 34, 801-805.	1.6	8