

# Hui You

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5660493/publications.pdf>

Version: 2024-02-01

18  
papers

242  
citations

1163117

8  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

172  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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       |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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         |
| 8  | 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         |
| 9  | Design and fabrication of a microfluidic chip to detect tumor markers. <i>RSC Advances</i> , 2020, 10, 39779-39785.  | 3.6  | 7         |
| 10 | A Novel Planar Grounded Capacitively Coupled Contactless Conductivity Detector for Microchip Electrophoresis. <i>Micromachines</i> , 2022, 13, 394.  | 2.9  | 7         |
| 11 | A plug-in electrophoresis microchip with PCB electrodes for contactless conductivity detection. <i>Royal Society Open Science</i> , 2018, 5, 171687.   | 2.4  | 6         |
| 12 | 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         |
| 13 | A Novel Solution-auto-introduction Electrophoresis Microchip Based on Capillary Force. <i>Analytical Sciences</i> , 2018, 34, 1285-1290.   | 1.6  | 5         |
| 14 | An Effective Capillary Valve Based on Micro-hole Array for Microfluidic Systems. <i>Analytical Sciences</i> , 2018, 34, 1323-1327.   | 1.6  | 5         |
| 15 | 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         |
| 16 | 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         |
| 17 | A simple sealing device based on capillary force. <i>Analytical Sciences</i> , 2022, 38, 451-455.  | 1.6  | 1         |
| 18 | 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         |