

Ji Qi

List of Publications by Year in descending order

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17
papers

1,094
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional paper-based microfluidic chip device for multiplexed fluorescence detection of Cu ²⁺ and Hg ²⁺ ions based on ion imprinting technology. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 224-233.	7.8	189
2	Rotational Paper-Based Microfluidic-Chip Device for Multiplexed and Simultaneous Fluorescence Detection of Phenolic Pollutants Based on a Molecular-Imprinting Technique. <i>Analytical Chemistry</i> , 2018, 90, 11827-11834.	6.5	140
3	Quantum Dot-Based Molecularly Imprinted Polymers on Three-Dimensional Origami Paper Microfluidic Chip for Fluorescence Detection of Phycocyanin. <i>ACS Sensors</i> , 2017, 2, 243-250.	7.8	123
4	The strategy of antibody-free biomarker analysis by in-situ synthesized molecularly imprinted polymers on movable valve paper-based device. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111533.	10.1	120
5	ZnSe quantum dot based ion imprinting technology for fluorescence detecting cadmium and lead ions on a three-dimensional rotary paper-based microfluidic chip. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127462.	7.8	102
6	Low cost fabrication of microfluidic paper-based analytical devices with water-based polyurethane acrylate and their application for bacterial detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127213.	7.8	76
7	Controlling Capillary-Driven Fluid Transport in Paper-Based Microfluidic Devices Using a Movable Valve. <i>Analytical Chemistry</i> , 2017, 89, 5707-5712.	6.5	64
8	Integrated hand-powered centrifugation and paper-based diagnosis with blood-in/answer-out capabilities. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112282.	10.1	44
9	Pulling-Force Spinning Top for Serum Separation Combined with Paper-Based Microfluidic Devices in COVID-19 ELISA Diagnosis. <i>ACS Sensors</i> , 2021, 6, 2709-2719.	7.8	44
10	A rotary multi-positioned cloth/paper hybrid microfluidic device for simultaneous fluorescence sensing of mercury and lead ions by using ion imprinted technologies. <i>Journal of Hazardous Materials</i> , 2022, 428, 128165.	12.4	40
11	Hybrid Three Dimensionally Printed Paper-Based Microfluidic Platform for Investigating a Cell's Apoptosis and Intracellular Cross-Talk. <i>ACS Sensors</i> , 2020, 5, 464-473.	7.8	39
12	A novel polymer-based nitrocellulose platform for implementing a multiplexed microfluidic paper-based enzyme-linked immunosorbent assay. <i>Microsystems and Nanoengineering</i> , 2022, 8, .	7.0	23
13	A sensitive amperometric immunosensor for the detection of carcinoembryonic antigen using ZnMn ₂ O ₄ @reduced graphene oxide composites as signal amplifier. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129852.	7.8	20
14	A tetrahedral DNA nanostructure functionalized paper-based platform for ultrasensitive colorimetric mercury detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 362, 131830.	7.8	20
15	A self-powered rotating paper-based analytical device for sensing of thrombin. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130917.	7.8	19
16	Anchoring zinc-doped carbon dots on a paper-based chip for highly sensitive fluorescence detection of copper ions. <i>Analyst</i> , The, 2021, 146, 6297-6305.	3.5	11
17	A ZnFe ₂ O ₄ -catalyzed segment imprinted polymer on a three-dimensional origami paper-based microfluidic chip for the detection of microcystin. <i>Analyst</i> , The, 2022, 147, 1060-1065.	3.5	11