

# Hulie Zeng

## List of Publications by Year in descending order

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39  
papers

673  
citations

623734

14  
h-index

552781

26  
g-index

40  
all docs

40  
docs citations

40  
times ranked

869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chip-based enantioselective open-tubular capillary electrochromatography using bovine serum albumin-gold nanoparticle conjugates as the stationary phase. <i>Electrophoresis</i> , 2009, 30, 1022-1029.	2.4	74
2	Selective determination of bisphenol A (BPA) in water by a reversible fluorescence sensor using pyrene/dimethyl $\beta$ -cyclodextrin complex. <i>Analytica Chimica Acta</i> , 2006, 556, 313-318.	5.4	69
3	A reversible fluorescence sensor based on insoluble $\beta$ -cyclodextrin polymer for direct determination of bisphenol A (BPA). <i>Sensors and Actuators B: Chemical</i> , 2006, 114, 565-572.	7.8	67
4	Inkjet Printing Based Droplet Generation for Integrated Online Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2018, 90, 5329-5334.	6.5	65
5	Inkjet Nanoinjection for High-Throughput Chemiluminescence Immunoassay on Multicapillary Glass Plate. <i>Analytical Chemistry</i> , 2013, 85, 7413-7418.	6.5	54
6	A piezoelectric drop-on-demand generator for accurate samples in capillary electrophoresis. <i>Talanta</i> , 2013, 107, 111-117.	5.5	33
7	Development of an automatic multi-channel ink-jet ejection chemiluminescence system and its application to the determination of horseradish peroxidase. <i>Analytica Chimica Acta</i> , 2012, 739, 77-82.	5.4	31
8	A selective optical chemical sensor for 2,6-dinitrophenol based on fluorescence quenching of a novel functional polymer. <i>Talanta</i> , 2006, 70, 160-168.	5.5	28
9	Accurate and Highly Reproducible Picoliter Injection System for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2012, 84, 10537-10542.	6.5	23
10	Inkjet Printing Based Separation of Mammalian Cells by Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2017, 89, 8674-8677.	6.5	20
11	A reversibly electro-controllable polymer brush for electro-switchable friction. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5877-5881.	5.5	19
12	Drop-by-drop chemical reaction and sample introduction for capillary electrophoresis. <i>Analyst</i> , The, 2015, 140, 3953-3959.	3.5	17
13	Inkjet printing based assembly of thermoresponsive core-shell polymer microcapsules for controlled drug release. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4156-4163.	5.8	17
14	Generation of controlled monodisperse porous polymer particles by dipped inkjet injection. <i>RSC Advances</i> , 2015, 5, 7297-7303.	3.6	16
15	Investigation of monodisperse droplet generation in liquids by inkjet. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 958-961.	7.8	14
16	The use of an inkjet injection technique in immunoassays by quantitative on-line electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , 2016, 1477, 127-131.	3.7	13
17	Droplet Enhanced Fluorescence for Ultrasensitive Detection Using Inkjet. <i>Analytical Chemistry</i> , 2016, 88, 6135-6139.	6.5	13
18	Writing of nanowires via high viscosity-induced nano diffusive layer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11666-11671.	5.5	11

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19	A Compact Immunoassay Platform Based on a Multicapillary Glass Plate. <i>Sensors</i> , 2014, 14, 9132-9144.	3.8	10
20	Microchemical Pen: An Open Microreactor for Region-Selective Surface Modification. <i>ChemPhysChem</i> , 2016, 17, 3155-3159.	2.1	10
21	Quantitative-nanoliter immunoassay in capillary immune microreactor adopted inkjet technology. <i>Analytical Methods</i> , 2014, 6, 2832-2836.	2.7	9
22	Quantitative on-line concentration for capillary electrophoresis with inkjet sample introduction technique. <i>Journal of Separation Science</i> , 2015, 38, 2722-2728.	2.5	9
23	Selective Fabrication of Nanowires with High Aspect Ratios Using a Diffusion Mixing Reaction System for Applications in Temperature Sensing. <i>Analytical Chemistry</i> , 2019, 91, 7346-7352.	6.5	9
24	Convection-Diffusion Layer in an "Open Space" for Local Surface Treatment and Microfabrication using a Four-Aperture Microchemical Pen. <i>ChemPhysChem</i> , 2017, 18, 2357-2363.	2.1	6
25	Droplet Sensitized Fluorescence Detection for Enzyme-Linked Immune Sorbent Assays on Microwell Plate. <i>Analytical Chemistry</i> , 2019, 91, 5685-5689.	6.5	6
26	Elaborately programmed nanowires fabricated using a tapered push-pull nozzle system. <i>Chemical Communications</i> , 2018, 54, 719-722.	4.1	6
27	Development of a Novel Two Dimensional Surface Plasmon Resonance Sensor Using Multiplied Beam Splitting Optics. <i>Sensors</i> , 2013, 13, 801-812.	3.8	5
28	Microchip with an open tubular immobilized ph gradient for UV whole column imaging detection. <i>Electrophoresis</i> , 2015, 36, 2542-2545.	2.4	5
29	Controllable construction of ordered three-dimensional microbeads structure and its application in enzyme-linked immunosorbent microarray. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 446-452.	7.8	3
30	Shell microparticles of morphology controlled and inner-modified hole from sequential inkjet-printed double emulsions. <i>Science China Chemistry</i> , 2018, 61, 1465-1469.	8.2	3
31	Stably electro-switchable poly-allyloxy hydroxypropyl sulfonate branched brush towards reversible capture and release of proteins and cells. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 334-338.	7.8	2
32	Reversibly Switching Molecular Spectra. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23247-23253.	8.0	2
33	Determination of Aromatic Pollutants in Tap Water by a Gas Chromatograph Equipped with a Finger-sized Atomic Emission Detector Using Deuterated Internal Standards. <i>Bunseki Kagaku</i> , 2012, 61, 755-761.	0.2	1
34	Development of an LED-induced Fluorescence Analysis System Using a Compact Disk-type Microfluidic Device and Its Application to Enzyme-linked Immunosorbent Assay. <i>Bunseki Kagaku</i> , 2013, 62, 65-71.	0.2	1
35	A simple and efficient approach to sensitize the fluorescence detection to microwell plate. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130070.	7.8	1
36	The development and application of dual-comb spectroscopy in analytical chemistry. <i>Chinese Chemical Letters</i> , 2023, 34, 107254.	9.0	1

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37	Development of Transmission-type Surface Plasmon Resonance Sensor Using a Two-dimensional Nanobeads Array Structure. Bunseki Kagaku, 2014, 63, 1-8.	0.2	0
38	Investigation of Simultaneous Immunoassay by a Two-dimensional Surface Plasmon Resonance Sensor Using Multiplied Beam Splitting Optics. Bunseki Kagaku, 2016, 65, 79-85.	0.2	0
39	On-line Redox Derivatization Liquid Chromatography Using a Carbon Monolithic Column. Bunseki Kagaku, 2018, 67, 469-478.	0.2	0