

# Jie Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3000991/publications.pdf>

Version: 2024-02-01

15  
papers

467  
citations

1307594

7  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D spiral channels combined with flexible micro-sieve for high-throughput rare tumor cell enrichment and assay from clinical pleural effusion samples. <i>Bio-Design and Manufacturing</i> , 2022, 5, 358.	7.7	1
2	Morphology regulation of nanowire forests for tumour cell behaviours. <i>Micro and Nano Letters</i> , 2021, 16, 392-398.	1.3	0
3	Hierarchical ZnO Nanospikes on Rough Nanopillars for Gas Sensing with Self-Cleaning Properties. , 2021, , .		0
4	Microsphere mediated exosome isolation and ultra-sensitive detection on a dielectrophoresis integrated microfluidic device. <i>Analyst, The</i> , 2021, 146, 5962-5972.	3.5	31
5	Nanotechnology-Assisted Isolation and Analysis of Circulating Tumor Cells on Microfluidic Devices. <i>Micromachines</i> , 2020, 11, 774.	2.9	32
6	Single-Cell Electroporation with Real-Time Impedance Assessment Using a Constriction Microchannel. <i>Micromachines</i> , 2020, 11, 856.	2.9	10
7	Wafer-level fabrication of 3D nanoparticles assembled nanopillars and click chemistry modification for sensitive SERS detection of trace carbonyl compounds. <i>Nanotechnology</i> , 2020, 31, 265301.	2.6	6
8	pH-Triggered Silk Fibroin/Alginate Structures Fabricated in Aqueous Two-Phase System. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5897-5905.	5.2	6
9	Innentitelbild: Bioinspired Engineering of a Multivalent Aptamer-Functionalized Nanointerface to Enhance the Capture and Release of Circulating Tumor Cells ( <i>Angew. Chem.</i> 8/2019). <i>Angewandte Chemie</i> , 2019, 131, 2180-2180.	2.0	3
10	Staining Traditional Colloidal Gold Test Strips with Pt Nanoshell Enables Quantitative Point-of-Care Testing with Simple and Portable Pressure Meter Readout. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1800-1806.	8.0	38
11	Bioinspired Engineering of a Multivalent Aptamer-Functionalized Nanointerface to Enhance the Capture and Release of Circulating Tumor Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2236-2240.	13.8	175
12	Microfluidic Preconcentration Chip with Self-Assembled Chemical Modified Surface for Trace Carbonyl Compounds Detection. <i>Sensors</i> , 2018, 18, 4402.	3.8	4
13	Bioinspired Engineering of Multivalent Aptamer-Functionalized Nanointerface to Enhance Capture and Release of Circulating Tumor Cells. <i>Angewandte Chemie</i> , 2018, 131, 2258.	2.0	141
14	Design, fabrication and characterisation of SiO <sub>2</sub> -based capillary-driven microfluidic devices. <i>Micro and Nano Letters</i> , 2018, 13, 1682-1687.	1.3	3
15	The use of microfluidic spinning fiber as an ophthalmology suture showing the good anastomotic strength control. <i>Scientific Reports</i> , 2017, 7, 16264.	3.3	12