

# Junge Chen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9425542/junge-chen-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

500  
citations

14  
h-index

21  
g-index

33  
ext. papers

712  
ext. citations

7.4  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
30	Functionalized Macrophage Exosomes with Panobinostat and PPM1D-siRNA for Diffuse Intrinsic Pontine Gliomas Therapy.. <i>Advanced Science</i> , <b>2022</b> , e2200353	13.6	1
29	Multiplexed detection of respiratory pathogens with a portable analyzer in a "raw-sample-in and answer-out" manner. <i>Microsystems and Nanoengineering</i> , <b>2021</b> , 7, 94	7.7	1
28	Endosomal escapable cryo-treatment-driven membrane-encapsulated Ga liquid-metal transformer to facilitate intracellular therapy. <i>Matter</i> , <b>2021</b> ,	12.7	6
27	A Portable Microfluidic System for Point-of-Care Detection of Multiple Protein Biomarkers. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	1
26	High-quality milk exosomes as oral drug delivery system. <i>Biomaterials</i> , <b>2021</b> , 277, 121126	15.6	7
25	An enhanced centrifugation-assisted lateral flow immunoassay for the point-of-care detection of protein biomarkers. <i>Lab on A Chip</i> , <b>2020</b> , 20, 2626-2634	7.2	18
24	A portable microfluidic analyzer for integrated bacterial detection using visible loop-mediated amplification. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 310, 127834	8.5	22
23	A self-contained and fully integrated fluidic cassette system for multiplex nucleic acid detection of bacteriuria. <i>Lab on A Chip</i> , <b>2020</b> , 20, 384-393	7.2	8
22	Highly uniform in-situ cell electrotransfection of adherent cultures using grouped interdigitated electrodes. <i>Bioelectrochemistry</i> , <b>2020</b> , 132, 107435	5.6	2
21	Rapid and Automated Detection of Six Contaminants in Milk Using a Centrifugal Microfluidic Platform with Two Rotation Axes. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7958-7964	7.8	11
20	A novel electromagnet-triggered pillar valve and its application in immunoassay on a centrifugal platform. <i>Lab on A Chip</i> , <b>2019</b> , 19, 1728-1735	7.2	6
19	Enhancing the Sensitivity of Lateral Flow Immunoassay by Centrifugation-Assisted Flow Control. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4814-4820	7.8	22
18	A Microfluidic-Based SNP Genotyping Method for Hereditary Hearing-Loss Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6111-6117	7.8	6
17	Rapid and efficient isolation and detection of extracellular vesicles from plasma for lung cancer diagnosis. <i>Lab on A Chip</i> , <b>2019</b> , 19, 432-443	7.2	36
16	Interruptible siphon valving for centrifugal microfluidic platforms. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 276, 313-321	8.5	8
15	Isolation and Visible Detection of Tumor-Derived Exosomes from Plasma. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 14207-14215	7.8	75
14	Sensitive and rapid detection of pathogenic bacteria from urine samples using multiplex recombinase polymerase amplification. <i>Lab on A Chip</i> , <b>2018</b> , 18, 2441-2452	7.2	36

13	Conditional siphon priming for multi-step assays on centrifugal microfluidic platforms. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 242, 710-717	8.5	13
12	High-throughput in situ cell electroporation microsystem for parallel delivery of single guide RNAs into mammalian cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 42512	4.9	21
11	Multiplex detection of bacteria on an integrated centrifugal disk using bead-beating lysis and loop-mediated amplification. <i>Scientific Reports</i> , <b>2017</b> , 7, 1460	4.9	28
10	A sheath-less electric impedance micro-flow cytometry device for rapid label-free cell classification and viability testing. <i>Analytical Methods</i> , <b>2017</b> , 9, 1201-1212	3.2	19
9	Reduced Graphene Oxide-Based Solid-Phase Extraction for the Enrichment and Detection of microRNA. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10137-10140	7.8	28
8	Comprehensive Study of the Flow Control Strategy in a Wirelessly Charged Centrifugal Microfluidic Platform with Two Rotation Axes. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 9315-9321	7.8	12
7	A fully sealed plastic chip for multiplex PCR and its application in bacteria identification. <i>Lab on A Chip</i> , <b>2015</b> , 15, 2826-34	7.2	15
6	In vitro hyperthermia studied in a continuous manner using electric impedance sensing. <i>RSC Advances</i> , <b>2015</b> , 5, 62007-62016	3.7	12
5	Cell electroporation with a three-dimensional microelectrode array on a printed circuit board. <i>Bioelectrochemistry</i> , <b>2015</b> , 102, 35-41	5.6	14
4	An individually addressable suspended-drop electroporation system for high-throughput cell transfection. <i>Lab on A Chip</i> , <b>2014</b> , 14, 686-90	7.2	11
3	A microfluidic device with passive air-bubble valves for real-time measurement of dose-dependent drug cytotoxicity through impedance sensing. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 32, 300-4	11.8	35
2	The construction of an individually addressable cell array for selective patterning and electroporation. <i>Lab on A Chip</i> , <b>2011</b> , 11, 2417-23	7.2	22
1	Sensitive and Rapid Diagnosis of Respiratory Virus Coinfection Using a Microfluidic Chip-Powered CRISPR/Cas12a System. <i>Small</i> , 2200854	11	4