

# Hongwei Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5778288/publications.pdf>

Version: 2024-02-01

14  
papers

615  
citations

687363

13  
h-index

1058476

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g-index

17  
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17  
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times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Spinal Organoid-on-a-Chip to Model Nociceptive Circuitry for Pain Therapeutics Discovery. <i>Analytical Chemistry</i> , 2022, 94, 1365-1372.	6.5	26
2	Rapid Profiling of Tumor-Immune Interaction Using Acoustically Assembled Patient-Derived Cell Clusters. <i>Advanced Science</i> , 2022, 9, .	11.2	21
3	Controllable fusion of human brain organoids using acoustofluidics. <i>Lab on A Chip</i> , 2021, 21, 688-699.	6.0	55
4	Tubular human brain organoids to model microglia-mediated neuroinflammation. <i>Lab on A Chip</i> , 2021, 21, 2751-2762.	6.0	41
5	Microfluidic Printing of Tunable Hollow Microfibers for Vascular Tissue Engineering. <i>Advanced Materials Technologies</i> , 2021, 6, 2000683.	5.8	14
6	Intelligent acoustofluidics enabled mini-bioreactors for human brain organoids. <i>Lab on A Chip</i> , 2021, 21, 2194-2205.	6.0	31
7	Profiling Cell-Matrix Adhesion Using Digitalized Acoustic Streaming. <i>Analytical Chemistry</i> , 2020, 92, 2283-2290.	6.5	20
8	Rapid Microfluidic Formation of Uniform Patient-Derived Breast Tumor Spheroids. <i>ACS Applied Bio Materials</i> , 2020, 3, 6273-6283.	4.6	27
9	Acoustofluidic assembly of 3D neurospheroids to model Alzheimer's disease. <i>Analyst, The</i> , 2020, 145, 6243-6253.	3.5	44
10	One-Stop Microfluidic Assembly of Human Brain Organoids To Model Prenatal Cannabis Exposure. <i>Analytical Chemistry</i> , 2020, 92, 4630-4638.	6.5	91
11	Trapping cell spheroids and organoids using digital acoustofluidics. <i>Biofabrication</i> , 2020, 12, 035025.	7.1	29
12	A Digital Acoustofluidic Pump Powered by Localized Fluid-Substrate Interactions. <i>Analytical Chemistry</i> , 2019, 91, 7097-7103.	6.5	32
13	High-throughput acoustofluidic fabrication of tumor spheroids. <i>Lab on A Chip</i> , 2019, 19, 1755-1763.	6.0	88
14	Microneedle Patch-Mediated Treatment of Bacterial Biofilms. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 14640-14646.	8.0	95