

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

14
g-index

17
all docs

17
docs citations

17
times ranked

522
citing authors

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