

Hongwei Cai

List of Publications by Year in Descending Order

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

15
papers

261
citations

10
h-index

16
g-index

17
ext. papers

453
ext. citations

7.6
avg, IF

3.6
L-index

#	Paper	IF	Citations
15	Microfluidic Printing of Tunable Hollow Microfibers for Vascular Tissue Engineering. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000683	6.8	4
14	Controllable fusion of human brain organoids using acoustofluidics. <i>Lab on A Chip</i> , 2021 , 21, 688-699	7.2	20
13	Tubular human brain organoids to model microglia-mediated neuroinflammation. <i>Lab on A Chip</i> , 2021 , 21, 2751-2762	7.2	6
12	Intelligent acoustofluidics enabled mini-bioreactors for human brain organoids. <i>Lab on A Chip</i> , 2021 , 21, 2194-2205	7.2	11
11	Human Spinal Organoid-on-a-Chip to Model Nociceptive Circuitry for Pain Therapeutics Discovery.. <i>Analytical Chemistry</i> , 2021 ,	7.8	6
10	One-Stop Microfluidic Assembly of Human Brain Organoids To Model Prenatal Cannabis Exposure. <i>Analytical Chemistry</i> , 2020 , 92, 4630-4638	7.8	51
9	Trapping cell spheroids and organoids using digital acoustofluidics. <i>Biofabrication</i> , 2020 , 12, 035025	10.5	10
8	Profiling Cell-Matrix Adhesion Using Digitalized Acoustic Streaming. <i>Analytical Chemistry</i> , 2020 , 92, 2283-2290	7.2	10
7	Rapid Microfluidic Formation of Uniform Patient-Derived Breast Tumor Spheroids.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6273-6283	4.1	12
6	Acoustofluidic assembly of 3D neurospheroids to model Alzheimer's disease. <i>Analyst, The</i> , 2020 , 145, 6243-6253	5	17
5	A Digital Acoustofluidic Pump Powered by Localized Fluid-Substrate Interactions. <i>Analytical Chemistry</i> , 2019 , 91, 7097-7103	7.8	16
4	High-throughput acoustofluidic fabrication of tumor spheroids. <i>Lab on A Chip</i> , 2019 , 19, 1755-1763	7.2	51
3	Microneedle Patch-Mediated Treatment of Bacterial Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14640-14646	9.5	45
2	Acoustofluidic Assembly of 3D Neurospheroids to Model Alzheimer's Disease		1
1	Rapid Profiling of Tumor-Immune Interaction Using Acoustically Assembled Patient-Derived Cell Clusters. <i>Advanced Science</i> , 2020 , 8, 201478	13.6	1