Haakan N Joensson

List of Publications by Year
in descending order

26	1,805	393982 19	500791 28
papers	citations	h-index	g-index

29	29	29	2440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immuneâ€Modulating Mucin Hydrogel Microdroplets for the Encapsulation of Cell and Microtissue. Advanced Functional Materials, 2021, 31, 2105967.	7.8	17
2	Rapid Production and Recovery of Cell Spheroids by Automated Droplet Microfluidics. SLAS Technology, 2020, 25, 111-122.	1.0	24
3	Artificial intelligence application for rapid fabrication of size-tunable PLGA microparticles in microfluidics. Scientific Reports, 2020, 10, 19517.	1.6	36
4	Pooled CRISPRi screening of the cyanobacterium Synechocystis sp PCC 6803 for enhanced industrial phenotypes. Nature Communications, 2020, 11, 1666.	5.8	91
5	RNAi expression tuning, microfluidic screening, and genome recombineering for improved protein production in Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9324-9332.	3.3	54
6	Microfluidics for cell factory and bioprocess development. Current Opinion in Biotechnology, 2019, 55, 95-102.	3.3	28
7	High-Throughput Microfluidics for the Screening of Yeast Libraries. Methods in Molecular Biology, 2018, 1671, 307-317.	0.4	8
8	Multiple pathogen biomarker detection using an encoded bead array in droplet PCR. Journal of Microbiological Methods, 2017, 139, 22-28.	0.7	14
9	Development of a Bacterial Biosensor for Rapid Screening of Yeast p-Coumaric Acid Production. ACS Synthetic Biology, 2017, 6, 1860-1869.	1.9	120
10	Droplet size influences division of mammalian cell factories in droplet microfluidic cultivation. Electrophoresis, 2017, 38, 305-310.	1.3	28
11	Integration of a Droplet-Based Microfluidic System and Silicon Nanoribbon FET Sensor. Micromachines, 2016, 7, 134.	1.4	7
12	Picodroplet partitioned whole genome amplification of low biomass samples preserves genomic diversity for metagenomic analysis. Microbiome, 2016, 4, 52.	4.9	18
13	Metabolite profiling of microfluidic cell culture conditions for droplet based screening. Biomicrofluidics, 2015, 9, 044128.	1.2	22
14	Single-cell screening of photosynthetic growth and lactate production by cyanobacteria. Biotechnology for Biofuels, 2015, 8, 193.	6.2	42
15	Controlled Lateral Positioning of Microparticles Inside Droplets Using Acoustophoresis. Analytical Chemistry, 2015, 87, 10521-10526.	3.2	34
16	Microfluidic screening and whole-genome sequencing identifies mutations associated with improved protein secretion by yeast. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4689-96.	3.3	138
17	Automated analysis of dynamic behavior of single cells in picoliter droplets. Lab on A Chip, 2014, 14, 931.	3.1	52
18	High-throughput screening for industrial enzyme production hosts by droplet microfluidics. Lab on A Chip, 2014, 14, 806-813.	3.1	195

#	Article	IF	Citations
19	Interfacing picoliter droplet microfluidics with addressable microliter compartments using fluorescence activated cell sorting. Sensors and Actuators B: Chemical, 2014, 194, 249-254.	4.0	24
20	Multiplex analysis of enzyme kinetics and inhibition by droplet microfluidics using picoinjectors. Lab on A Chip, 2013, 13, 1754.	3.1	74
21	Droplet Microfluidicsâ€"A Tool for Singleâ€Cell Analysis. Angewandte Chemie - International Edition, 2012, 51, 12176-12192.	7.2	438
22	A homogeneous assay for protein analysis in droplets by fluorescence polarization. Electrophoresis, 2012, 33, 436-439.	1.3	17
23	Droplet size based separation by deterministic lateral displacementâ€"separating droplets by cell-induced shrinking. Lab on A Chip, 2011, 11, 1305.	3.1	109
24	Droplet microfluidicsâ€"a tool for protein engineering and analysis. Lab on A Chip, 2011, 11, 4144.	3.1	23
25	Monolithic PDMS passband filters for fluorescence detection. Lab on A Chip, 2010, 10, 1987.	3.1	33
26	Detection and Analysis of Lowâ€Abundance Cellâ€Surface Biomarkers Using Enzymatic Amplification in Microfluidic Droplets. Angewandte Chemie - International Edition, 2009, 48, 2518-2521.	7.2	140