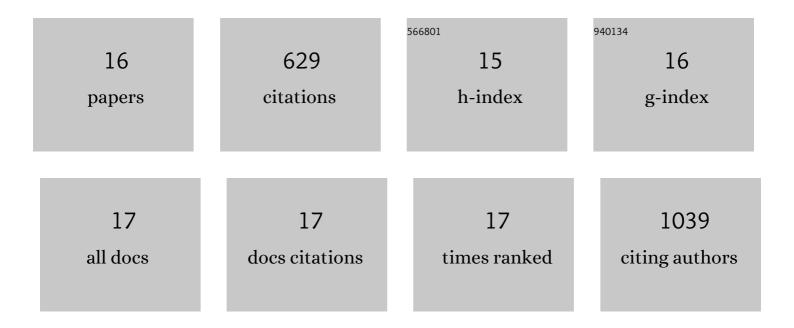
Linfeng Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5451955/publications.pdf Version: 2024-02-01



LINEENC XII

#	Article	IF	CITATIONS
1	Epi-illumination SPIM for volumetric imaging with high spatial-temporal resolution. Nature Methods, 2019, 16, 501-504.	9.0	125
2	Vacuum-driven power-free microfluidics utilizing the gas solubility or permeability of polydimethylsiloxane (PDMS). Lab on A Chip, 2015, 15, 3962-3979.	3.1	117
3	Various On-Chip Sensors with Microfluidics for Biological Applications. Sensors, 2014, 14, 17008-17036.	2.1	52
4	A new fabrication process for uniform SU-8 thick photoresist structures by simultaneously removing edge bead and air bubbles. Journal of Micromechanics and Microengineering, 2011, 21, 125006.	1.5	39
5	Passive micropumping in microfluidics for point-of-care testing. Biomicrofluidics, 2020, 14, 031503.	1.2	39
6	Fusion and sorting of two parallel trains of droplets using a railroad-like channel network and guiding tracks. Lab on A Chip, 2012, 12, 3936.	3.1	36
7	Continuous-flow in-droplet magnetic particle separation in a droplet-based microfluidic platform. Microfluidics and Nanofluidics, 2012, 13, 613-623.	1.0	34
8	Droplet-based microfluidic device for multiple-droplet clustering. Lab on A Chip, 2012, 12, 725-730.	3.1	31
9	Droplet-based microfluidic washing module for magnetic particle-based assays. Biomicrofluidics, 2014, 8, 044113.	1.2	31
10	Characterizing cell interactions at scale with made-to-order droplet ensembles (MODEs). Proceedings of the United States of America, 2022, 119, .	3.3	24
11	Syringe-assisted point-of-care micropumping utilizing the gas permeability of polydimethylsiloxane. Microfluidics and Nanofluidics, 2014, 17, 745-750.	1.0	23
12	Phaseguide-assisted blood separation microfluidic device for point-of-care applications. Biomicrofluidics, 2015, 9, 014106.	1.2	21
13	Guiding, distribution, and storage of trains of shape-dependent droplets. Lab on A Chip, 2011, 11, 3915.	3.1	20
14	A Simple Method for Fabrication of Microstructures Using a PDMS Stamp. Micromachines, 2016, 7, 173.	1.4	17
15	Mapping enzyme catalysis with metabolic biosensing. Nature Communications, 2021, 12, 6803.	5.8	17
16	Microbowls with Controlled Concavity for Accurate Microscale Mass Spectrometry. Advanced Materials, 2022, 34, e2108194.	11.1	3