

Zitian Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11331742/publications.pdf>

Version: 2024-02-01

15
papers

660
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrifugal micro-channel array droplet generation for highly parallel digital PCR. <i>Lab on A Chip</i> , 2017, 17, 235-240.	6.0	136
2	Lipid nanoparticle-mediated efficient delivery of CRISPR/Cas9 for tumor therapy. <i>NPG Asia Materials</i> , 2017, 9, e441-e441.	7.9	132
3	Digital Polymerase Chain Reaction in an Array of Femtoliter Polydimethylsiloxane Microreactors. <i>Analytical Chemistry</i> , 2012, 84, 4262-4266.	6.5	83
4	Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10056-10059.	13.8	83
5	Design, preparation, and selection of DNA-encoded dynamic libraries. <i>Chemical Science</i> , 2015, 6, 7097-7104.	7.4	60
6	A valve-less microfluidic peristaltic pumping method. <i>Biomicrofluidics</i> , 2015, 9, 014118.	2.4	35
7	Spinning micropipette liquid emulsion generator for single cell whole genome amplification. <i>Lab on A Chip</i> , 2016, 16, 4512-4516.	6.0	31
8	Highly accurate fluorogenic DNA sequencing with information theory-based error correction. <i>Nature Biotechnology</i> , 2017, 35, 1170-1178.	17.5	28
9	Three-dimensional digital PCR through light-sheet imaging of optically cleared emulsion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25628-25633.	7.1	28
10	Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets. <i>Angewandte Chemie</i> , 2014, 126, 10220-10223.	2.0	17
11	Surfactant and oil formulations for monodisperse droplet emulsion PCR. <i>Lab on A Chip</i> , 2020, 20, 2328-2333.	6.0	10
12	Fluorogenic Sequencing Using Halogen-Fluorescein-Labeled Nucleotides. <i>ChemBioChem</i> , 2015, 16, 1153-1157.	2.6	9
13	Rotational scan digital LAMP for accurate quantitation of nucleic acids. <i>Lab on A Chip</i> , 2021, 21, 2265-2271.	6.0	5
14	A virtual sequencer reveals the dephasing patterns in error-correction code DNA sequencing. <i>National Science Review</i> , 2021, 8, nwaa227.	9.5	3
15	Titelbild: Selection of DNA-Encoded Small Molecule Libraries Against Unmodified and Non-Immobilized Protein Targets (<i>Angew. Chem.</i> 38/2014). <i>Angewandte Chemie</i> , 2014, 126, 10123-10123.	2.0	0