

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