Leqian Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/958380/publications.pdf

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23	4,017	516215	642321
papers	citations	16	23
		h-index	g-index

25	25	25	6655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Droplet-microfluidics-assisted sequencing of HIV proviruses and their integration sites in cells from people on antiretroviral therapy. Nature Biomedical Engineering, 2022, 6, 1004-1012.	11.6	21
2	Flow-Cytometric Analysis and Purification of Airway Epithelial-Cell Subsets. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 308-317.	1.4	36
3	Digital droplet PCR accurately quantifies SARS-CoV-2 viral load from crude lysate without nucleic acid purification. Scientific Reports, 2021, 11, 780.	1.6	72
4	Accurate Bulk Quantitation of Droplet Digital Polymerase Chain Reaction. Analytical Chemistry, 2021, 93, 9974-9979.	3.2	18
5	Mapping enzyme catalysis with metabolic biosensing. Nature Communications, 2021, 12, 6803.	5.8	17
6	High Throughput Yeast Strain Phenotyping with Droplet-Based RNA Sequencing. Journal of Visualized Experiments, 2020, , .	0.2	1
7	Linked optical and gene expression profiling of single cells at high-throughput. Genome Biology, 2020, 21, 49.	3.8	19
8	High throughput gene expression profiling of yeast colonies with microgel-culture Drop-seq. Lab on A Chip, 2019, 19, 1838-1849.	3.1	25
9	Reference-based analysis of lung single-cell sequencing reveals a transitional profibrotic macrophage. Nature Immunology, 2019, 20, 163-172.	7.0	2,330
10	Combined aptamer and transcriptome sequencing of single cells. Scientific Reports, 2018, 8, 2919.	1.6	23
11	A comparative analysis of single cell and droplet-based FACS for improving production phenotypes: Riboflavin overproduction in Yarrowia lipolytica. Metabolic Engineering, 2018, 47, 346-356.	3.6	66
12	RNA-aptamers-in-droplets (RAPID) high-throughput screening for secretory phenotypes. Nature Communications, 2017, 8, 332.	5.8	112
13	Surveying the lipogenesis landscape in Yarrowia lipolytica through understanding the function of a Mga2p regulatory protein mutant. Metabolic Engineering, 2015, 31, 102-111.	3.6	66
14	An evolutionary metabolic engineering approach for enhancing lipogenesis in Yarrowia lipolytica. Metabolic Engineering, 2015, 29, 36-45.	3.6	126
15	Harnessing Yarrowia lipolytica lipogenesis to create a platform for lipid and biofuel production. Nature Communications, 2014, 5, 3131.	5.8	488
16	Increasing expression level and copy number of aYarrowia lipolyticaplasmid through regulated centromere function. FEMS Yeast Research, 2014, 14, n/a-n/a.	1.1	43
17	Draft Genome Sequence of the Oleaginous Yeast Yarrowia lipolytica PO1f, a Commonly Used Metabolic Engineering Host. Genome Announcements, 2014, 2, .	0.8	59
18	Frontiers of yeast metabolic engineering: diversifying beyond ethanol and Saccharomyces. Current Opinion in Biotechnology, 2013, 24, 1023-1030.	3.3	98

#	Article	IF	Citations
19	Heterologous production of pentane in the oleaginous yeast Yarrowia lipolytica. Journal of Biotechnology, 2013, 165, 184-194.	1.9	95
20	Tuning Gene Expression in Yarrowia lipolytica by a Hybrid Promoter Approach. Applied and Environmental Microbiology, 2011, 77, 7905-7914.	1.4	274
21	From Pathways to Genomes and Beyond: The Metabolic Engineering Toolbox and Its Place in Biofuels Production. Green, 2011, 1, .	0.4	3
22	A polypeptide from Chlamys farreri inhibits UVB-induced HaCaT cells apoptosis via the Apaf-1/caspase-9 and Smac/XIAP signaling pathway. Chinese Journal of Oceanology and Limnology, 2009, 27, 587-593.	0.7	1
23	Effect of polypeptide from Chlamys farreri on UVB-induced ROS/NF-Î°B/COX-2 activation and apoptosis in HaCaT cells. Journal of Photochemistry and Photobiology B: Biology, 2009, 96, 109-116.	1.7	23