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	Reference-based analysis of lung single-cell sequencing reveals a transitional profibrotic macrophage. Nature Immunology, 2019, 20, 163-172.	7.0	2,330
2	Harnessing Yarrowia lipolytica lipogenesis to create a platform for lipid and biofuel production. Nature Communications, 2014, 5, 3131.	5.8	488
3	Tuning Gene Expression in Yarrowia lipolytica by a Hybrid Promoter Approach. Applied and Environmental Microbiology, 2011, 77, 7905-7914.	1.4	274
4	An evolutionary metabolic engineering approach for enhancing lipogenesis in Yarrowia lipolytica. Metabolic Engineering, 2015, 29, 36-45.	3.6	126
5	RNA-aptamers-in-droplets (RAPID) high-throughput screening for secretory phenotypes. Nature Communications, 2017, 8, 332.	5.8	112
6	Frontiers of yeast metabolic engineering: diversifying beyond ethanol and Saccharomyces. Current Opinion in Biotechnology, 2013, 24, 1023-1030.	3.3	98
7	Heterologous production of pentane in the oleaginous yeast Yarrowia lipolytica. Journal of Biotechnology, 2013, 165, 184-194.	1.9	95
8	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
9	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
10	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
11	Draft Genome Sequence of the Oleaginous Yeast Yarrowia lipolytica PO1f, a Commonly Used Metabolic Engineering Host. Genome Announcements, 2014, 2, .	0.8	59
12	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
13	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
14	High throughput gene expression profiling of yeast colonies with microgel-culture Drop-seq. Lab on A Chip, 2019, 19, 1838-1849.	3.1	25
15	Effect of polypeptide from Chlamys farreri on UVB-induced ROS/NF-ÎºB/COX-2 activation and apoptosis in HaCaT cells. Journal of Photochemistry and Photobiology B: Biology, 2009, 96, 109-116.	1.7	23
16	Combined aptamer and transcriptome sequencing of single cells. Scientific Reports, 2018, 8, 2919.	1.6	23
17	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
18	Linked optical and gene expression profiling of single cells at high-throughput. Genome Biology, 2020, 21, 49.	3.8	19

#	Article	IF	Citations
19	Accurate Bulk Quantitation of Droplet Digital Polymerase Chain Reaction. Analytical Chemistry, 2021, 93, 9974-9979.	3.2	18
20	Mapping enzyme catalysis with metabolic biosensing. Nature Communications, 2021, 12, 6803.	5.8	17
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	High Throughput Yeast Strain Phenotyping with Droplet-Based RNA Sequencing. Journal of Visualized Experiments, 2020, , .	0.2	1