

Albert J Keung

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

892
citations

840776

11
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Histone Peptides Linked to Magnetic Beads Reduce Binding Specificity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1691.	4.1	1
2	Yeast Display-Guided Selection of pH-Dependent Binders. <i>Methods in Molecular Biology</i> , 2022, 2491, 293-311.	0.9	1
3	Human Pluripotent Stem Cell-Derived Medium Spiny Neuron-like Cells Exhibit Gene Desensitization. <i>Cells</i> , 2022, 11, 1411.	4.1	3
4	Evaluation of UBE3A antibodies in mice and human cerebral organoids. <i>Scientific Reports</i> , 2021, 11, 6323.	3.3	1
5	DNA stability: a central design consideration for DNA data storage systems. <i>Nature Communications</i> , 2021, 12, 1358.	12.8	81
6	Promiscuous molecules for smarter file operations in DNA-based data storage. <i>Nature Communications</i> , 2021, 12, 3518.	12.8	19
7	Mapping the residue specificities of epigenome enzymes by yeast surface display. <i>Cell Chemical Biology</i> , 2021, 28, 1772-1779.e4.	5.2	4
8	Mapping the dynamic transfer functions of eukaryotic gene regulation. <i>Cell Systems</i> , 2021, 12, 1079-1093.e6.	6.2	12
9	Effects of early geometric confinement on the transcriptomic profile of human cerebral organoids. <i>BMC Biotechnology</i> , 2021, 21, 59.	3.3	11
10	Human Cerebral Organoids Reveal Early Spatiotemporal Dynamics and Pharmacological Responses of UBE3A. <i>Stem Cell Reports</i> , 2020, 15, 845-854.	4.8	15
11	Capturing complex epigenetic phenomena through human multicellular systems. <i>Current Opinion in Biomedical Engineering</i> , 2020, 16, 34-41.	3.4	1
12	Dynamic and scalable DNA-based information storage. <i>Nature Communications</i> , 2020, 11, 2981.	12.8	52
13	Modular one-pot assembly of CRISPR arrays enables library generation and reveals factors influencing crRNA biogenesis. <i>Nature Communications</i> , 2019, 10, 2948.	12.8	75
14	Driving the Scalability of DNA-Based Information Storage Systems. <i>ACS Synthetic Biology</i> , 2019, 8, 1241-1248.	3.8	56
15	Engineering Epigenetic Regulation Using Synthetic Read-Write Modules. <i>Cell</i> , 2019, 176, 227-238.e20.	28.9	83
16	Designing Epigenome Editors: Considerations of Biochemical and Locus Specificities. <i>Methods in Molecular Biology</i> , 2018, 1767, 65-87.	0.9	2
17	Chromatin Immunoprecipitation in Human and Yeast Cells. <i>Methods in Molecular Biology</i> , 2018, 1767, 257-269.	0.9	4
18	The epigenome: the next substrate for engineering. <i>Genome Biology</i> , 2016, 17, 183.	8.8	44

#	ARTICLE	IF	CITATIONS
19	A unifying model of epigenetic regulation. <i>Science</i> , 2016, 351, 661-662.	12.6	9
20	Chromatin regulation at the frontier of synthetic biology. <i>Nature Reviews Genetics</i> , 2015, 16, 159-171.	16.3	89
21	Using Targeted Chromatin Regulators to Engineer Combinatorial and Spatial Transcriptional Regulation. <i>Cell</i> , 2014, 158, 110-120.	28.9	120
22	Biophysics and dynamics of natural and engineered stem cell microenvironments. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 49-64.	6.6	55
23	Presentation Counts: Microenvironmental Regulation of Stem Cells by Biophysical and Material Cues. <i>Annual Review of Cell and Developmental Biology</i> , 2010, 26, 533-556.	9.4	149
24	DINOS: Data INspired Oligo Synthesis for DNA Data Storage. <i>ACM Journal on Emerging Technologies in Computing Systems</i> , 0, , .	2.3	2