Albert J Keung

List of Publications by Year
in descending order

24	892	840776 11	642732 23
papers	citations	h-index	g-index

28	28	28	1265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Presentation Counts: Microenvironmental Regulation of Stem Cells by Biophysical and Material Cues. Annual Review of Cell and Developmental Biology, 2010, 26, 533-556.	9.4	149
2	Using Targeted Chromatin Regulators to Engineer Combinatorial and Spatial Transcriptional Regulation. Cell, 2014, 158, 110-120.	28.9	120
3	Chromatin regulation at the frontier of synthetic biology. Nature Reviews Genetics, 2015, 16, 159-171.	16.3	89
4	Engineering Epigenetic Regulation Using Synthetic Read-Write Modules. Cell, 2019, 176, 227-238.e20.	28.9	83
5	DNA stability: a central design consideration for DNA data storage systems. Nature Communications, 2021, 12, 1358.	12.8	81
6	Modular one-pot assembly of CRISPR arrays enables library generation and reveals factors influencing crRNA biogenesis. Nature Communications, 2019, 10, 2948.	12.8	75
7	Driving the Scalability of DNA-Based Information Storage Systems. ACS Synthetic Biology, 2019, 8, 1241-1248.	3.8	56
8	Biophysics and dynamics of natural and engineered stem cell microenvironments. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 49-64.	6.6	55
9	Dynamic and scalable DNA-based information storage. Nature Communications, 2020, 11, 2981.	12.8	52
10	The epigenome: the next substrate for engineering. Genome Biology, 2016, 17, 183.	8.8	44
11	Promiscuous molecules for smarter file operations in DNA-based data storage. Nature Communications, 2021, 12, 3518.	12.8	19
12	Human Cerebral Organoids Reveal Early Spatiotemporal Dynamics and Pharmacological Responses of UBE3A. Stem Cell Reports, 2020, 15, 845-854.	4.8	15
13	Mapping the dynamic transfer functions of eukaryotic gene regulation. Cell Systems, 2021, 12, 1079-1093.e6.	6.2	12
14	Effects of early geometric confinement on the transcriptomic profile of human cerebral organoids. BMC Biotechnology, 2021, 21, 59.	3.3	11
15	A unifying model of epigenetic regulation. Science, 2016, 351, 661-662.	12.6	9
16	Chromatin Immunoprecipitation in Human and Yeast Cells. Methods in Molecular Biology, 2018, 1767, 257-269.	0.9	4
17	Mapping the residue specificities of epigenome enzymes by yeast surface display. Cell Chemical Biology, 2021, 28, 1772-1779.e4.	5.2	4
18	Human Pluripotent Stem Cell-Derived Medium Spiny Neuron-like Cells Exhibit Gene Desensitization. Cells, 2022, 11, 1411.	4.1	3

#	Article	IF	Citations
19	Designing Epigenome Editors: Considerations of Biochemical and Locus Specificities. Methods in Molecular Biology, 2018, 1767, 65-87.	0.9	2
20	DINOS: Data INspired Oligo Synthesis for DNA Data Storage. ACM Journal on Emerging Technologies in Computing Systems, 0, , .	2.3	2
21	Capturing complex epigenetic phenomena through human multicellular systems. Current Opinion in Biomedical Engineering, 2020, 16, 34-41.	3.4	1
22	Evaluation of UBE3A antibodies in mice and human cerebral organoids. Scientific Reports, 2021, 11, 6323.	3.3	1
23	Modified Histone Peptides Linked to Magnetic Beads Reduce Binding Specificity. International Journal of Molecular Sciences, 2022, 23, 1691.	4.1	1
24	Yeast DisplayÂGuided Selection of pH-Dependent Binders. Methods in Molecular Biology, 2022, 2491, 293-311.	0.9	1