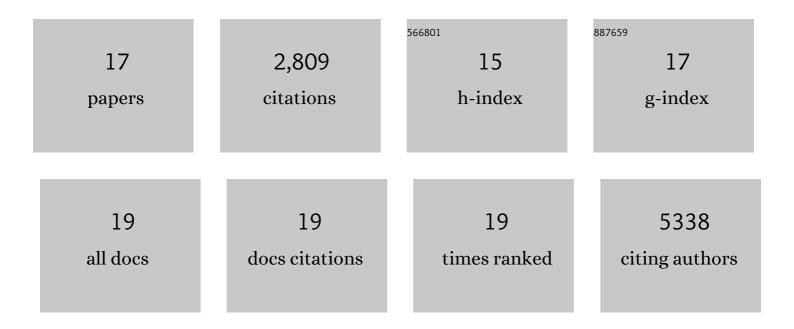
Ernest T Lam

List of Publications by Year in descending order

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FDNEST TLAM

#	Article	IF	CITATIONS
1	Single-molecule sequencing and chromatin conformation capture enable de novo reference assembly of the domestic goat genome. Nature Genetics, 2017, 49, 643-650.	9.4	600
2	Genome mapping on nanochannel arrays for structural variation analysis and sequence assembly. Nature Biotechnology, 2012, 30, 771-776.	9.4	586
3	High-resolution comparative analysis of great ape genomes. Science, 2018, 360, .	6.0	304
4	A hybrid approach for de novo human genome sequence assembly and phasing. Nature Methods, 2016, 13, 587-590.	9.0	225
5	Rapid detection of structural variation in a human genome using nanochannel-based genome mapping technology. GigaScience, 2014, 3, 34.	3.3	153
6	Assessing structural variation in a personal genome—towards a human reference diploid genome. BMC Genomics, 2015, 16, 286.	1.2	153
7	Rapid Genome Mapping in Nanochannel Arrays for Highly Complete and Accurate De Novo Sequence Assembly of the Complex Aegilops tauschii Genome. PLoS ONE, 2013, 8, e55864.	1.1	146
8	Genome-Wide Structural Variation Detection by Genome Mapping on Nanochannel Arrays. Genetics, 2016, 202, 351-362.	1.2	126
9	Genome maps across 26 human populations reveal population-specific patterns of structural variation. Nature Communications, 2019, 10, 1025.	5.8	123
10	Tools and pipelines for BioNano data: molecule assembly pipeline and FASTA super scaffolding tool. BMC Genomics, 2015, 16, 734.	1.2	103
11	Genome assembly and geospatial phylogenomics of the bed bug Cimex lectularius. Nature Communications, 2016, 7, 10164.	5.8	79
12	Mitochondrial DNA Sequence Variation and Risk of Pancreatic Cancer. Cancer Research, 2012, 72, 686-695.	0.4	55
13	Long-read single-molecule maps of the functional methylome. Genome Research, 2019, 29, 646-656.	2.4	48
14	Mitochondrial DNA Sequence Variation Associated with Dementia and Cognitive Function in the Elderly. Journal of Alzheimer's Disease, 2012, 32, 357-372.	1.2	37
15	OMSV enables accurate and comprehensive identification of large structural variations from nanochannel-based single-molecule optical maps. Genome Biology, 2017, 18, 230.	3.8	28
16	Mitochondrial DNA sequence variation is associated with free-living activity energy expenditure in the elderly. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1691-1700.	0.5	13
17	Towards a More Accurate Error Model for BioNano Optical Maps. Lecture Notes in Computer Science, 2016, , 67-79.	1.0	8