

# Ernest T Lam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10873748/publications.pdf>

Version: 2024-02-01

17  
papers

2,809  
citations

566801

15  
h-index

887659

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

5338  
citing authors

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