

# Quan H Nguyen

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,524  
citations

257357

24  
h-index

315616

38  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial omics and multiplexed imaging to explore cancer biology. <i>Nature Methods</i> , 2021, 18, 997-1012.	9.0	279
2	scPred: accurate supervised method for cell-type classification from single-cell RNA-seq data. <i>Genome Biology</i> , 2019, 20, 264.	3.8	263
3	Single-Cell Transcriptomic Analysis of Cardiac Differentiation from Human PSCs Reveals HOPX-Dependent Cardiomyocyte Maturation. <i>Cell Stem Cell</i> , 2018, 23, 586-598.e8.	5.2	215
4	A single-cell transcriptome atlas of the adult human retina. <i>EMBO Journal</i> , 2019, 38, e100811.	3.5	185
5	Sheep genome functional annotation reveals proximal regulatory elements contributed to the evolution of modern breeds. <i>Nature Communications</i> , 2018, 9, 859.	5.8	126
6	Single-cell RNA-seq of human induced pluripotent stem cells reveals cellular heterogeneity and cell state transitions between subpopulations. <i>Genome Research</i> , 2018, 28, 1053-1066.	2.4	102
7	Multipurpose agroforestry as a climate change resiliency option for farmers: an example of local adaptation in Vietnam. <i>Climatic Change</i> , 2013, 117, 241-257.	1.7	98
8	A damaged genome's transcriptional landscape through multilayered expression profiling around in situ-mapped DNA double-strand breaks. <i>Nature Communications</i> , 2017, 8, 15656.	5.8	89
9	DNA damage response inhibition at dysfunctional telomeres by modulation of telomeric DNA damage response RNAs. <i>Nature Communications</i> , 2017, 8, 13980.	5.8	76
10	Multiplex Detection and Quantitation of Proteins on Western Blots Using Fluorescent Probes. <i>BioTechniques</i> , 2000, 29, 636-642.	0.8	71
11	A Light-Activated Probe of Intracellular Protein Kinase Activity. <i>Journal of the American Chemical Society</i> , 2003, 125, 13358-13359.	6.6	68
12	Single cell eQTL analysis identifies cell type-specific genetic control of gene expression in fibroblasts and reprogrammed induced pluripotent stem cells. <i>Genome Biology</i> , 2021, 22, 76.	3.8	58
13	Single cell RNA sequencing of stem cell-derived retinal ganglion cells. <i>Scientific Data</i> , 2018, 5, 180013.	2.4	55
14	Genotype-free demultiplexing of pooled single-cell RNA-seq. <i>Genome Biology</i> , 2019, 20, 290.	3.8	55
15	SpaCell: integrating tissue morphology and spatial gene expression to predict disease cells. <i>Bioinformatics</i> , 2020, 36, 2293-2294.	1.8	50
16	Nicotinamide riboside attenuates age-associated metabolic and functional changes in hematopoietic stem cells. <i>Nature Communications</i> , 2021, 12, 2665.	5.8	45
17	Genome Scale Transcriptomics of Baculovirus-Insect Interactions. <i>Viruses</i> , 2013, 5, 2721-2747.	1.5	44
18	Resolving the immune landscape of human prostate at a single-cell level in health and cancer. <i>Cell Reports</i> , 2021, 37, 110132.	2.9	40

#	ARTICLE	IF	CITATIONS
19	Comparative performance of the BGI and Illumina sequencing technology for single-cell RNA-sequencing. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa034.	1.5	37
20	ascend: R package for analysis of single-cell RNA-seq data. <i>GigaScience</i> , 2019, 8, .	3.3	36
21	Expression Specificity of Disease-Associated lncRNAs: Toward Personalized Medicine. <i>Current Topics in Microbiology and Immunology</i> , 2015, 394, 237-258.	0.7	33
22	Conserved Epigenetic Regulatory Logic Infers Genes Governing Cell Identity. <i>Cell Systems</i> , 2020, 11, 625-639.e13.	2.9	31
23	Prognostic value of early leukocyte fluctuations for recovery from traumatic spinal cord injury. <i>Clinical and Translational Medicine</i> , 2021, 11, e272.	1.7	30
24	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. <i>IScience</i> , 2018, 7, 30-39.	1.9	28
25	Transcriptome Sequencing of and Microarray Development for a <i>Helicoverpa zea</i> Cell Line to Investigate In Vitro Insect Cell-Baculovirus Interactions. <i>PLoS ONE</i> , 2012, 7, e36324.	1.1	28
26	In vitro production of <i>Helicoverpa baculovirus</i> biopesticides—Automated selection of insect cell clones for manufacturing and systems biology studies. <i>Journal of Virological Methods</i> , 2011, 175, 197-205.	1.0	27
27	Mammalian genomic regulatory regions predicted by utilizing human genomics, transcriptomics, and epigenetics data. <i>GigaScience</i> , 2018, 7, 1-17.	3.3	27
28	Genome scale analysis of differential mRNA expression of <i>Helicoverpa zea</i> insect cells infected with a <i>H. armigera</i> baculovirus. <i>Virology</i> , 2013, 444, 158-170.	1.1	25
29	Detection of HPV E7 Transcription at Single-Cell Resolution in Epidermis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2558-2567.	0.3	19
30	A deep learning model for molecular label transfer that enables cancer cell identification from histopathology images. <i>Npj Precision Oncology</i> , 2022, 6, 14.	2.3	17
31	Target-enrichment sequencing for detailed characterization of small RNAs. <i>Nature Protocols</i> , 2018, 13, 768-786.	5.5	9
32	Applying Machine Learning for Integration of Multi-Modal Genomics Data and Imaging Data to Quantify Heterogeneity in Tumour Tissues. <i>Methods in Molecular Biology</i> , 2021, 2190, 209-228.	0.4	9
33	Integrating single-cell genomics pipelines to discover mechanisms of stem cell differentiation. <i>Trends in Molecular Medicine</i> , 2021, 27, 1135-1158.	3.5	8
34	A model of impaired Langerhans cell maturation associated with HPV induced epithelial hyperplasia. <i>IScience</i> , 2021, 24, 103326.	1.9	7
35	In vitro production of baculoviruses: identifying host and virus genes associated with high productivity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9239-9253.	1.7	3
36	scGPS: Determining Cell States and Global Fate Potential of Subpopulations. <i>Frontiers in Genetics</i> , 2021, 12, 666771.	1.1	2

#	ARTICLE	IF	CITATIONS
37	665â€¦Spatial single-cell analysis of colorectal cancer tumour using multiplexed imaging mass cytometry. , 2020, , .		2
38	Benchmarking of ATAC Sequencing Data From BGIâ€™s Low-Cost DNBSEQ-G400 Instrument for Identification of Open and Occupied Chromatin Regions. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	2
39	Multi-phenotype genome-wide association studies of the Norfolk Island isolate implicate pleiotropic loci involved in chronic kidney disease. <i>Scientific Reports</i> , 2021, 11, 19425.	1.6	1
40	Understanding the tumour immune microenvironment of stage III colorectal cancer using multiplexed imaging mass cytometry. <i>Pathology</i> , 2021, 53, S36-S37.	0.3	0
41	Cardiac Directed Differentiation Using Small Molecule WNT Modulation at Single-Cell Resolution. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0