Qunhua Li

List of Publications by Year
in descending order

26 papers	3,791 citations	687363 13 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	8634 citing authors

#	Article	IF	Citations
1	ChIP-seq guidelines and practices of the ENCODE and modENCODE consortia. Genome Research, 2012, 22, 1813-1831.	5.5	1,708
2	Measuring reproducibility of high-throughput experiments. Annals of Applied Statistics, 2011, 5, .	1.1	868
3	HiCRep: assessing the reproducibility of Hi-C data using a stratum-adjusted correlation coefficient. Genome Research, 2017, 27, 1939-1949.	5.5	376
4	Practical Guidelines for the Comprehensive Analysis of ChIP-seq Data. PLoS Computational Biology, 2013, 9, e1003326.	3.2	221
5	Systematic evaluation of factors influencing ChIP-seq fidelity. Nature Methods, 2012, 9, 609-614.	19.0	156
6	Measuring the reproducibility and quality of Hi-C data. Genome Biology, 2019, 20, 57.	8.8	125
7	OnTAD: hierarchical domain structure reveals the divergence of activity among TADs and boundaries. Genome Biology, 2019, 20, 282.	8.8	47
8	An integrative view of the regulatory and transcriptional landscapes in mouse hematopoiesis. Genome Research, 2020, 30, 472-484.	5.5	38
9	Modes of Inference for Evaluating the Confidence of Peptide Identifications. Journal of Proteome Research, 2008, 7, 35-39.	3.7	35
10	S3norm: simultaneous normalization of sequencing depth and signal-to-noise ratio in epigenomic data. Nucleic Acids Research, 2020, 48, e43-e43.	14.5	31
11	A food-based approach that targets interleukin-6, a key regulator of chronic intestinal inflammation and colon carcinogenesis. Journal of Nutritional Biochemistry, 2017, 43, 11-17.	4.2	30
12	Model-based assessment of replicability for genome-wide association meta-analysis. Nature Communications, 2021, 12, 1964.	12.8	24
13	powerTCR: A model-based approach to comparative analysis of the clone size distribution of the T cell receptor repertoire. PLoS Computational Biology, 2018, 14, e1006571.	3.2	19
14	A semi-parametric statistical model for integrating gene expression profiles across different platforms. BMC Bioinformatics, 2016, 17, 5.	2.6	18
15	A continuous threshold expectile model. Computational Statistics and Data Analysis, 2017, 116, 49-66.	1.2	18
16	Robust bent line regression. Journal of Statistical Planning and Inference, 2017, 185, 41-55.	0.6	18
17	Condition-adaptive fused graphical lasso (CFGL): An adaptive procedure for inferring condition-specific gene co-expression network. PLoS Computational Biology, 2018, 14, e1006436.	3.2	17
18	Pigs, Unlike Mice, Have Two Distinct Colonic Stem Cell Populations Similar to Humans That Respond to High-Calorie Diet prior to Insulin Resistance. Cancer Prevention Research, 2017, 10, 442-450.	1.5	10

#	Article	IF	Citations
19	Maximum Rank Reproducibility: A Nonparametric Approach to Assessing Reproducibility in Replicate Experiments. Journal of the American Statistical Association, 2018, 113, 1028-1039.	3.1	8
20	Individualized Modeling to Distinguish Between High and Low Arousal States Using Physiological Data. Journal of Healthcare Informatics Research, 2020, 4, 91-109.	7.6	5
21	A Regression Framework for Assessing Covariate Effects on the Reproducibility of High-Throughput Experiments. Biometrics, 2018, 74, 803-813.	1.4	4
22	RNAseq studies reveal distinct transcriptional response to vitamin A deficiency in small intestine versus colon, uncovering novel vitamin A-regulated genes. Journal of Nutritional Biochemistry, 2021, 98, 108814.	4.2	4
23	Methods to Assess the Reproducibility and Similarity of Hi-C Data. Methods in Molecular Biology, 2022, 2301, 17-37.	0.9	2
24	Transcriptional Profiling of the Small Intestine and the Colon Reveals Modulation of Gut Infection with Citrobacter rodentium According to the Vitamin A Status. Nutrients, 2022, 14, 1563.	4.1	2
25	Multi-scale biological and physical modelling of the tumour micro-environment. Drug Discovery Today: Disease Models, 2015, 16, 7-15.	1.2	1
26	Assessing reproducibility of highâ€throughput experiments in the case of missing data. Statistics in Medicine, 2022, 41, 1884-1899.	1.6	1