

Single-cell RNA-seq reveals hidden transcriptional vari

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Indispensable malaria genes. <i>Science</i> , 2018, 360, 490-491.	6.0	4
2	Dissecting human disease with single-cell omics: application in model systems and in the clinic. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	39
3	Highlights on the Application of Genomics and Bioinformatics in the Fight Against Infectious Diseases: Challenges and Opportunities in Africa. <i>Frontiers in Genetics</i> , 2018, 9, 575.	1.1	23
4	A deadly dance: the choreography of hostâ€“pathogen interactions, as revealed by single-cell technologies. <i>Nature Communications</i> , 2018, 9, 4638.	5.8	34
5	Schizont transcriptome variation among clinical isolates and laboratory-adapted clones of the malaria parasite <i>Plasmodium falciparum</i> . <i>BMC Genomics</i> , 2018, 19, 894.	1.2	28
6	A synthetic promoter for multi-stage expression to probe complementary functions of <i>Plasmodium</i> adhesins. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	10
7	Single-Cell Transcriptome Profiling of Protozoan and Metazoan Parasites. <i>Trends in Parasitology</i> , 2018, 34, 731-734.	1.5	4
8	Systems Biology-Based Investigation of Hostâ€“ <i>Plasmodium</i> Interactions. <i>Trends in Parasitology</i> , 2018, 34, 617-632.	1.5	19
9	Regulation of Sexual Commitment and Gametocytogenesis in Malaria Parasites. <i>Annual Review of Microbiology</i> , 2018, 72, 501-519.	2.9	96
10	Genome-wide real-time in vivo transcriptional dynamics during <i>Plasmodium falciparum</i> blood-stage development. <i>Nature Communications</i> , 2018, 9, 2656.	5.8	73
11	Exploring parasite heterogeneity using single-cell RNA-seq reveals a gene signature among sexual stage <i>Plasmodium falciparum</i> parasites. <i>Experimental Cell Research</i> , 2018, 371, 130-138.	1.2	31
12	Global Inequities in Precision Medicine and Molecular Cancer Research. <i>Frontiers in Oncology</i> , 2018, 8, 346.	1.3	44
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14	The second life of <i>Plasmodium</i> in the mosquito host: gene regulation on the move. <i>Briefings in Functional Genomics</i> , 2019, 18, 313-357.	1.3	11
15	The Malaria Cell Atlas: Single parasite transcriptomes across the complete <i>Plasmodium</i> life cycle. <i>Science</i> , 2019, 365, .	6.0	198
16	Immunology Driven by Large-Scale Single-Cell Sequencing. <i>Trends in Immunology</i> , 2019, 40, 1011-1021.	2.9	62
17	Understanding <i>P. falciparum</i> Asymptomatic Infections: A Proposition for a Transcriptomic Approach. <i>Frontiers in Immunology</i> , 2019, 10, 2398.	2.2	27
18	Single cell ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190076.	1.8	11

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19	Plasmodium kinesin-8X associates with mitotic spindles and is essential for oocyst development during parasite proliferation and transmission. <i>PLoS Pathogens</i> , 2019, 15, e1008048.	2.1	43
20	Advances in omics-based methods to identify novel targets for malaria and other parasitic protozoan infections. <i>Genome Medicine</i> , 2019, 11, 63.	3.6	54
21	Evaluation of DNA Extraction Methods on Individual Helminth Egg and Larval Stages for Whole-Genome Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 826.	1.1	30
22	Transcriptome analysis of <i>Plasmodium berghei</i> during exo-erythrocytic development. <i>Malaria Journal</i> , 2019, 18, 330.	0.8	46
23	Expression and Localization Profiles of Rhoptry Proteins in <i>Plasmodium berghei</i> Sporozoites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 316.	1.8	14
24	Using single-cell transcriptomics to understand functional states and interactions in microbial eukaryotes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190098.	1.8	20
25	<i>Plasmodium vivax</i> transcriptomes reveal stage-specific chloroquine response and differential regulation of male and female gametocytes. <i>Nature Communications</i> , 2019, 10, 371.	5.8	29
26	Post-Genomic Approaches to Understanding Malaria Parasite Biology: Linking Genes to Biological Functions. <i>ACS Infectious Diseases</i> , 2019, 5, 1269-1278.	1.8	20
27	<i>Plasmodium</i> pseudo-Tyrosine Kinase-like binds PP1 and SERA5 and is exported to host erythrocytes. <i>Scientific Reports</i> , 2019, 9, 8120.	1.6	9
28	Transcriptional variation in malaria parasites: why and how. <i>Briefings in Functional Genomics</i> , 2019, 18, 329-341.	1.3	23
29	The role of epigenetics and chromatin structure in transcriptional regulation in malaria parasites. <i>Briefings in Functional Genomics</i> , 2019, 18, 302-313.	1.3	25
30	Revisiting gametocyte biology in malaria parasites. <i>FEMS Microbiology Reviews</i> , 2019, 43, 401-414.	3.9	78
31	Immune Responses to the Sexual Stages of <i>Plasmodium falciparum</i> Parasites. <i>Frontiers in Immunology</i> , 2019, 10, 136.	2.2	17
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36	Deciphering host immunity to malaria using systems immunology. <i>Immunological Reviews</i> , 2020, 293, 115-143.	2.8	13

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37	Micromanipulation System for Isolating a Single Cryptosporidium Oocyst. <i>Micromachines</i> , 2020, 11, 3.	1.4	6
38	EC-PGMGR: Ensemble Clustering Based on Probability Graphical Model With Graph Regularization for Single-Cell RNA-seq Data. <i>Frontiers in Genetics</i> , 2020, 11, 572242.	1.1	4
39	Histone modifications associated with gene expression and genome accessibility are dynamically enriched at <i>Plasmodium falciparum</i> regulatory sequences. <i>Epigenetics and Chromatin</i> , 2020, 13, 50.	1.8	28
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44	Advances and challenges in single-cell RNA-seq of microbial communities. <i>Current Opinion in Microbiology</i> , 2020, 57, 102-110.	2.3	24
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47	Taking Insect Immunity to the Single-Cell Level. <i>Trends in Immunology</i> , 2020, 41, 190-199.	2.9	10
48	Defining the Skin Cellular Community Using Single-Cell Genomics to Advance Precision Medicine. <i>Journal of Investigative Dermatology</i> , 2021, 141, 255-264.	0.3	16
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50	Single-cell RNA sequencing reveals developmental heterogeneity among <i>Plasmodium berghei</i> sporozoites. <i>Scientific Reports</i> , 2021, 11, 4127.	1.6	21
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56	A suitable RNA preparation methodology for whole transcriptome shotgun sequencing harvested from <i>Plasmodium vivax</i> -infected patients. <i>Scientific Reports</i> , 2021, 11, 5089.	1.6	6
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85	Genomic and transcriptomic comparisons of closely related malaria parasites differing in virulence and sequestration pattern. Wellcome Open Research, 2018, 3, 142.	0.9	11
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