Michael F Duffy

List of Publications by Year
in descending order

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49 papers	2,902 citations	201674 27 h-index	197818 49 g-index
49 all docs	49 docs citations	49 times ranked	2480 citing authors

#	Article	IF	Citations
1	An accurate method for identifying recent recombinants from unaligned sequences. Bioinformatics, 2022, 38, 1823-1829.	4.1	3
2	Identifying Targets of Protective Antibodies against Severe Malaria in Papua, Indonesia, Using Locally Expressed Domains of Plasmodium falciparum Erythrocyte Membrane Protein 1. Infection and Immunity, 2022, 90, IAI0043521.	2.2	3
3	The Putative Bromodomain Protein PfBDP7 of the Human Malaria Parasite Plasmodium Falciparum Cooperates With PfBDP1 in the Silencing of Variant Surface Antigen Expression. Frontiers in Cell and Developmental Biology, 2022, 10, 816558.	3.7	10
4	Evolutionary analyses of the major variant surface antigen-encoding genes reveal population structure of Plasmodium falciparum within and between continents. PLoS Genetics, 2021, 17, e1009269.	3.5	20
5	Common virulence gene expression in adult first-time infected malaria patients and severe cases. ELife, 2021, 10, .	6.0	20
6	Safety, infectivity and immunogenicity of a genetically attenuated blood-stage malaria vaccine. BMC Medicine, 2021, 19, 293.	5.5	6
7	Developments in drug design strategies for bromodomain protein inhibitors to target Plasmodium falciparum parasites. Expert Opinion on Drug Discovery, 2020, 15, 415-425.	5.0	11
8	Histone modifications associated with gene expression and genome accessibility are dynamically enriched at Plasmodium falciparum regulatory sequences. Epigenetics and Chromatin, 2020, 13, 50.	3.9	28
9	Controlled human malaria infection with Plasmodium falciparum demonstrates impact of naturally acquired immunity on virulence gene expression. PLoS Pathogens, 2019, 15, e1007906.	4.7	36
10	Transcriptome and histone epigenome of Plasmodium vivax salivary-gland sporozoites point to tight regulatory control and mechanisms for liver-stage differentiation in relapsing malaria. International Journal for Parasitology, 2019, 49, 501-513.	3.1	42
11	A high parasite density environment induces transcriptional changes and cell death in Plasmodium falciparum blood stages. FEBS Journal, 2018, 285, 848-870.	4.7	21
12	The Plasmodium falciparum transcriptome in severe malaria reveals altered expression of genes involved in important processes including surface antigenâ€“encoding var genes. PLoS Biology, 2018, 16, e2004328.	5.6	67
13	Patterns of protective associations differ for antibodies to P. falciparumâ€infected erythrocytes and merozoites in immunity against malaria in children. European Journal of Immunology, 2017, 47, 2124-2136.	2.9	21
14	Population genomics of virulence genes of Plasmodium falciparum in clinical isolates from Uganda. Scientific Reports, 2017, 7, 11810.	3.3	31
15	Activation and clustering of a Plasmodium falciparum var gene are affected by subtelomeric sequences. FEBS Journal, 2017, 284, 237-257.	4.7	9
16	Mosquito Passage Dramatically Changes var Gene Expression in Controlled Human Plasmodium falciparum Infections. PLoS Pathogens, 2016, 12, e1005538.	4.7	54
17	A single point in protein trafficking by Plasmodium falciparum determines the expression of major antigens on the surface of infected erythrocytes targeted by human antibodies. Cellular and Molecular Life Sciences, 2016, 73, 4141-4158.	5.4	20
18	Differences in PfEMP1s recognized by antibodies from patients with uncomplicated or severe malaria. Malaria Journal, 2016, 15, 258.	2.3	23

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19	A Plasmodium Falciparum Bromodomain Protein Regulates Invasion Gene Expression. Cell Host and Microbe, 2015, 17, 741-751.	11.0	96
20	Antigenic Variation in Plasmodium falciparum. Results and Problems in Cell Differentiation, 2015, 57, 47-90.	0.7	9
21	Epigenetic regulation of the Plasmodium falciparum genome. Briefings in Functional Genomics, 2014, 13, 203-216.	2.7	55
22	<scp>H2A.Z</scp> and <scp>H2B.Z</scp> doubleâ€variant nucleosomes define intergenic regions and dynamically occupy <scp>var</scp> gene promoters in the malaria parasite <scp>P</scp>lasmodium falciparum. Molecular Microbiology, 2013, 87, 1167-1182.	2.5	67
23	PfSET10, a Plasmodium falciparum Methyltransferase, Maintains the Active var Gene in a Poised State during Parasite Division. Cell Host and Microbe, 2012, 11, 7-18.	11.0	124
24	The Role of Bromodomain Proteins in Regulating Gene Expression. Genes, 2012, 3, 320-343.	2.4	119
25	Targets of antibodies against Plasmodium falciparumâ€“infected erythrocytes in malaria immunity. Journal of Clinical Investigation, 2012, 122, 3227-3238.	8.2	187
26	The role of chromatin in Plasmodium gene expression. Cellular Microbiology, 2012, 14, 819-828.	2.1	38
27	Temporal Expression and Localization Patterns of Variant Surface Antigens in Clinical Plasmodium falciparum Isolates during Erythrocyte Schizogony. PLoS ONE, 2012, 7, e49540.	2.5	31
28	Expression of P. falciparum var Genes Involves Exchange of the Histone Variant H2A.Z at the Promoter. PLoS Pathogens, 2011, 7, e1001292.	4.7	95
29	Evaluation of the Antigenic Diversity of Placenta-Binding Plasmodium falciparum Variants and the Antibody Repertoire among Pregnant Women. Infection and Immunity, 2010, 78, 1963-1978.	2.2	51
30	Sir2 Paralogues Cooperate to Regulate Virulence Genes and Antigenic Variation in Plasmodium falciparum. PLoS Biology, 2009, 7, e1000084.	5.6	211
31	Ectopic Recombination of a Malaria var Gene during Mitosis Associated with an Altered var Switch Rate. Journal of Molecular Biology, 2009, 389, 453-469.	4.2	45
32	Characterization of VAR2CSA-deficient Plasmodium falciparum-infected erythrocytes selected for adhesion to the BeWo placental cell line. Malaria Journal, 2008, 7, 51.	2.3	15
33	Structural Basis for Binding of Plasmodium falciparum Erythrocyte Membrane Protein 1 to Chondroitin Sulfate and Placental Tissue and the Influence of Protein Polymorphisms on Binding Specificity*. Journal of Biological Chemistry, 2007, 282, 22426-22436.	3.4	30
34	Transcription and coregulation of multigene families in Plasmodium falciparum. Trends in Parasitology, 2007, 23, 183-186.	3.3	6
35	ANTIBODY RECOGNITION OF HETEROLOGOUS VARIANT SURFACE ANTIGENS AFTER A SINGLE PLASMODIUM FALCIPARUM INFECTION IN PREVIOUSLY NAÃVE ADULTS. American Journal of Tropical Medicine and Hygiene, 2007, 76, 860-864.	1.4	25
36	Antibody recognition of heterologous variant surface antigens after a single Plasmodium falciparum infection in previously naive adults. American Journal of Tropical Medicine and Hygiene, 2007, 76, 860-4.	1.4	20

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37	Evidence that Plasmodium falciparum chromosome end clusters are cross-linked by protein and are the sites of both virulence gene silencing and activation. Molecular Microbiology, 2006, 62, 72-83.	2.5	47
38	A var gene promoter controls allelic exclusion of virulence genes in Plasmodium falciparum malaria. Nature, 2006, 439, 1004-1008.	27.8	245
39	VAR2CSA is the principal ligand for chondroitin sulfate A in two allogeneic isolates of Plasmodium falciparum. Molecular and Biochemical Parasitology, 2006, 148, 117-124.	1.1	105
40	Transcribed var Genes Associated with Placental Malaria in MalawianWomen. Infection and Immunity, 2006, 74, 4875-4883.	2.2	93
41	Broad analysis reveals a consistent pattern ofvargene transcription inPlasmodium falciparumrepeatedly selected for a defined adhesion phenotype. Molecular Microbiology, 2005, 56, 774-788.	2.5	89
42	Cross-Reactive Surface Epitopes on Chondroitin Sulfate A-Adherent Plasmodium falciparum-Infected Erythrocytes Are Associated with Transcription of var2csa. Infection and Immunity, 2005, 73, 2848-2856.	2.2	47
43	Targets of Protective Antibodies to Malaria during Pregnancy. Journal of Infectious Diseases, 2005, 192, 1647-1650.	4.0	13
44	Heterochromatin Silencing and Locus Repositioning Linked to Regulation of Virulence Genes in Plasmodium falciparum. Cell, 2005, 121, 13-24.	28.9	412
45	Regulation of antigenic variation in Plasmodium falciparum: censoring freedom of expression?. Trends in Parasitology, 2003, 19, 121-124.	3.3	17
46	Transcription of multiple var genes by individual, trophozoite-stage Plasmodium falciparum cells expressing a chondroitin sulphate A binding phenotype. Molecular Microbiology, 2002, 43, 1285-1293.	2.5	72
47	Multiple var gene transcripts are expressed in Plasmodium falciparum infected erythrocytes selected for adhesion. Molecular and Biochemical Parasitology, 2001, 114, 227-237.	1.1	62
48	Indirect Enzyme-Linked Immunosorbent Assay for Detection of Immunoglobulin G Reactive with a Recombinant Protein Expressed from the Gene Encoding the 116-Kilodalton Protein of Mycoplasma pneumoniae. Journal of Clinical Microbiology, 1999, 37, 1024-1029.	3.9	21
49	The immunoreactive 116 kDa surface protein of Mycoplasma pneumoniae is encoded in an operon. Microbiology (United Kingdom), 1997, 143, 3391-3402.	1.8	30