

Michael Foley

List of Publications by Year in descending order

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72
papers

5,204
citations

76326

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71
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all docs

75
docs citations

75
times ranked

6041
citing authors

#	ARTICLE	IF	CITATIONS
1	A single-domain i-body, AD-114, attenuates renal fibrosis through blockade of CXCR4. JCI Insight, 2022, 7, .	5.0	5
2	CXCR4+ cells are increased in lung tissue of patients with idiopathic pulmonary fibrosis. Respiratory Research, 2020, 21, 221.	3.6	23
3	Half-life extension and non-human primate pharmacokinetic safety studies of i-body AD-114 targeting human CXCR4. MAbs, 2019, 11, 1331-1340.	5.2	17
4	Identification of an Immunogenic Broadly Inhibitory Surface Epitope of the Plasmodium vivax Duffy Binding Protein Ligand Domain. MSphere, 2019, 4, .	2.9	19
5	i-bodies, Human Single Domain Antibodies That Antagonize Chemokine Receptor CXCR4. Journal of Biological Chemistry, 2016, 291, 12641-12657.	3.4	49
6	Targeting of Fn14 Prevents Cancer-Induced Cachexia and Prolongs Survival. Cell, 2015, 162, 1365-1378.	28.9	121
7	Use of Immunodampening To Overcome Diversity in the Malarial Vaccine Candidate Apical Membrane Antigen 1. Infection and Immunity, 2014, 82, 4707-4717.	2.2	10
8	Ligand-Induced Conformational Change of <i>Plasmodium falciparum</i> AMA1 Detected Using ¹⁹ F NMR. Journal of Medicinal Chemistry, 2014, 57, 6419-6427.	6.4	33
9	Overcoming Antigenic Diversity by Enhancing the Immunogenicity of Conserved Epitopes on the Malaria Vaccine Candidate Apical Membrane Antigen-1. PLoS Pathogens, 2013, 9, e1003840.	4.7	76
10	Shark Variable New Antigen Receptor (VNAR) Single Domain Antibody Fragments: Stability and Diagnostic Applications. Antibodies, 2013, 2, 66-81.	2.5	54
11	Antigenic Characterization of an Intrinsically Unstructured Protein, Plasmodium falciparum Merozoite Surface Protein 2. Infection and Immunity, 2012, 80, 4177-4185.	2.2	33
12	Fine Specificity of Plasmodium vivax Duffy Binding Protein Binding Engagement of the Duffy Antigen on Human Erythrocytes. Infection and Immunity, 2012, 80, 2920-2928.	2.2	14
13	Defining the Antigenic Diversity of Plasmodium falciparum Apical Membrane Antigen 1 and the Requirements for a Multi-Allele Vaccine against Malaria. PLoS ONE, 2012, 7, e51023.	2.5	65
14	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. Nature, 2011, 475, 231-234.	27.8	939
15	Peptide inhibitors of the malaria surface protein, apical membrane antigen 1: Identification of key binding residues. Biopolymers, 2011, 95, 354-364.	2.4	12
16	Apical Membrane Antigen 1 as an Anti-Malarial Drug Target. Current Topics in Medicinal Chemistry, 2011, 11, 2039-2047.	2.1	41
17	Identification of an antibody-binding epitope on the rotavirus A non-structural protein NSP2 using phage display analysis. Journal of General Virology, 2011, 92, 2374-2382.	2.9	9
18	Recombinant protein vaccines against the asexual blood-stages of <i>Plasmodium falciparum</i> . Hum Vaccin, 2010, 6, 39-53.	2.4	55

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19	Interaction between Plasmodium falciparum Apical Membrane Antigen 1 and the Rhoptry Neck Protein Complex Defines a Key Step in the Erythrocyte Invasion Process of Malaria Parasites. Journal of Biological Chemistry, 2010, 285, 14815-14822.	3.4	216
20	Rapid Optimization of a Peptide Inhibitor of Malaria Parasite Invasion by Comprehensive N-Methyl Scanning. Journal of Biological Chemistry, 2009, 284, 9361-9371.	3.4	54
21	Plasmodium falciparum merozoite surface protein 2 is unstructured and forms amyloid-like fibrils. Molecular and Biochemical Parasitology, 2009, 166, 159-171.	1.1	71
22	Comprehensive N-Methyl Scanning of a Potent Peptide Inhibitor of Malaria Invasion into Erythrocytes Leads to Pharmacokinetic Optimization of the Molecule. International Journal of Peptide Research and Therapeutics, 2008, 14, 381-386.	1.9	4
23	Shark IgNAR antibody mimotopes target a murine immunoglobulin through extended CDR3 loop structures. Proteins: Structure, Function and Bioinformatics, 2008, 71, 119-130.	2.6	27
24	Display of a Peptide Mimotope on a Crystalline Bacterial Cell Surface Layer (S-layer) Lattice for Diagnosis of Epstein-Barr Virus Infection. Bioconjugate Chemistry, 2008, 19, 860-865.	3.6	25
25	Phage Display of Peptides in Ligand Selection for Use in Affinity Chromatography. , 2008, 421, 111-124.		9
26	Structure of the Malaria Antigen AMA1 in Complex with a Growth-Inhibitory Antibody. PLoS Pathogens, 2007, 3, e138.	4.7	97
27	Mimotopes of Apical Membrane Antigen 1: Structures of Phage-Derived Peptides Recognized by the Inhibitory Monoclonal Antibody 4G2dc1 and Design of a More Active Analogue. Infection and Immunity, 2007, 75, 61-73.	2.2	13
28	Structure of an IgNAR-AMA1 Complex: Targeting a Conserved Hydrophobic Cleft Broadens Malarial Strain Recognition. Structure, 2007, 15, 1452-1466.	3.3	101
29	The Most Polymorphic Residue on Plasmodium falciparum Apical Membrane Antigen 1 Determines Binding of an Invasion-Inhibitory Antibody. Infection and Immunity, 2006, 74, 2628-2636.	2.2	109
30	Peptide Mimotopes Selected from a Random Peptide Library for Diagnosis of Epstein-Barr Virus Infection. Journal of Clinical Microbiology, 2006, 44, 764-771.	3.9	23
31	Binding Hot Spot for Invasion Inhibitory Molecules on Plasmodium falciparum Apical Membrane Antigen 1. Infection and Immunity, 2005, 73, 6981-6989.	2.2	102
32	Correct Promoter Control Is Needed for Trafficking of the Ring-Infected Erythrocyte Surface Antigen to the Host Cytosol in Transfected Malaria Parasites. Infection and Immunity, 2004, 72, 6095-6105.	2.2	66
33	Antibodies to Malaria Peptide Mimics Inhibit Plasmodium falciparum Invasion of Erythrocytes. Infection and Immunity, 2004, 72, 1126-1134.	2.2	40
34	Selection and affinity maturation of IgNAR variable domains targeting Plasmodium falciparum AMA1. Proteins: Structure, Function and Bioinformatics, 2004, 55, 187-197.	2.6	91
35	Structures of Phage-Display Peptides that Bind to the Malarial Surface Protein, Apical Membrane Antigen 1, and Block Erythrocyte Invasion. Biochemistry, 2003, 42, 9915-9923.	2.5	32
36	The Signal Sequence of Exported Protein-1 Directs the Green Fluorescent Protein to the Parasitophorous Vacuole of Transfected Malaria Parasites. Journal of Biological Chemistry, 2003, 278, 6532-6542.	3.4	110

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37	Phage-displayed Peptides Bind to the Malarial Protein Apical Membrane Antigen-1 and Inhibit the Merozoite Invasion of Host Erythrocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 50303-50310.	3.4	44
38	Structure of Domain III of the Blood-stage Malaria Vaccine Candidate, <i>Plasmodium falciparum</i> Apical Membrane Antigen 1 (AMA1). <i>Journal of Molecular Biology</i> , 2002, 322, 741-753.	4.2	89
39	Single-chain antibodies produced by phage display against the C-terminal 19 kDa region of merozoite surface protein-1 of <i>Plasmodium yoelii</i> reduce parasite growth following challenge. <i>Vaccine</i> , 2002, 20, 2826-2835.	3.8	17
40	Discovery of Novel Targets of Quinoline Drugs in the Human Purine Binding Proteome. <i>Molecular Pharmacology</i> , 2002, 62, 1364-1372.	2.3	235
41	Random Sequence Libraries Displayed on Phage: Identification of Biologically Important Molecules. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2002, 5, 1-14.	1.1	33
42	Characterisation of a $\hat{\gamma}$ -COP homologue in the malaria parasite, <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 123, 11-21.	1.1	30
43	Inhibition of Heme Detoxification Processes Underlies the Antimalarial Activity of Terpene Isonitrile Compounds from Marine Sponges. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 873-885.	6.4	121
44	Histidine-rich protein 2 of the malaria parasite, <i>Plasmodium falciparum</i> , is involved in detoxification of the by-products of haemoglobin degradation. <i>Molecular and Biochemical Parasitology</i> , 2001, 115, 77-86.	1.1	67
45	Rapid and precise epitope mapping of monoclonal antibodies against <i>Plasmodium falciparum</i> AMA1 by combined phage display of fragments and random peptides. <i>Protein Engineering, Design and Selection</i> , 2001, 14, 691-698.	2.1	77
46	Evidence for a role for a <i>Plasmodium falciparum</i> homologue of Sec31p in the export of proteins to the surface of malaria parasite-infected erythrocytes. <i>Journal of Cell Science</i> , 2001, 114, 3377-3386.	2.0	73
47	A homologue of Sar1p localises to a novel trafficking pathway in malaria-infected erythrocytes. <i>European Journal of Cell Biology</i> , 1999, 78, 453-462.	3.6	78
48	Inhibition of the peroxidative degradation of haem as the basis of action of chloroquine and other quinoline antimalarials. <i>Biochemical Journal</i> , 1999, 339, 363-370.	3.7	215
49	Inhibition of the peroxidative degradation of haem as the basis of action of chloroquine and other quinoline antimalarials. <i>Biochemical Journal</i> , 1999, 339, 363.	3.7	92
50	Export of Parasite Proteins to the Erythrocyte Cytoplasm: Secretory Machinery and Traffic Signals. <i>Novartis Foundation Symposium</i> , 1999, 226, 157-175.	1.1	14
51	Isolation of Peptides That Mimic Epitopes on a Malarial Antigen from Random Peptide Libraries Displayed on Phage. <i>Infection and Immunity</i> , 1999, 67, 4679-4688.	2.2	24
52	Protein trafficking in malaria-infected erythrocytes. <i>International Journal for Parasitology</i> , 1998, 28, 1671-1680.	3.1	36
53	Isolation from Phage Display Libraries of Single Chain Variable Fragment Antibodies That Recognize Conformational Epitopes in the Malaria Vaccine Candidate, Apical Membrane Antigen-1. <i>Journal of Biological Chemistry</i> , 1997, 272, 25678-25684.	3.4	20
54	Quinoline antimalarials: Mechanisms of action and resistance. <i>International Journal for Parasitology</i> , 1997, 27, 231-240.	3.1	163

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55	The antimalarial drug, chloroquine, interacts with lactate dehydrogenase from <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1997, 88, 215-224.	1.1	50
56	Identification of an endoplasmic reticulum-resident calcium-binding protein with multiple EF-hand motifs in asexual stages of <i>Plasmodium falciparum</i> 1Note: Nucleotide sequence data reported in this paper have been deposited in the GenBankâ„¢ data base with the accession number AF016410.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 89, 283-293.	1.1	75
57	Human Erythrocyte Band 7.2b Is Preferentially Labeled by a Photoreactive Phospholipid. <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 108-114.	2.1	21
58	Modulation of the function of human MDR1 P-glycoprotein by the antimalarial drug mefloquine. <i>Biochemical Pharmacology</i> , 1996, 52, 1545-1552.	4.4	55
59	Novel bisquinoline antimalarials. <i>Biochemical Pharmacology</i> , 1996, 52, 551-559.	4.4	99
60	Photoaffinity labeling of mefloquine-binding proteins in human serum, uninfected erythrocytes and <i>Plasmodium falciparum</i> -infected erythrocytes. <i>Molecular and Biochemical Parasitology</i> , 1996, 82, 181-194.	1.1	25
61	What Makes a Malaria Host?. <i>Parasitology Today</i> , 1995, 11, 111-112.	3.0	0
62	Photoaffinity labelling of <i>Plasmodium falciparum</i> proteins involved in phospholipid transport. <i>Molecular and Biochemical Parasitology</i> , 1994, 67, 235-243.	1.1	13
63	Molecular variation in a novel polymorphic antigen associated with <i>Plasmodium falciparum</i> merozoites. <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 53-67.	1.1	109
64	The <i>Plasmodium falciparum</i> protein RESA interacts with the erythrocyte cytoskeleton and modifies erythrocyte thermal stability. <i>Molecular and Biochemical Parasitology</i> , 1994, 66, 59-69.	1.1	73
65	<i>Plasmodium falciparum</i> : Mapping the Membrane-Binding Domain in the Ring-Infected Erythrocyte Surface Antigen. <i>Experimental Parasitology</i> , 1994, 79, 340-350.	1.2	31
66	Rapid and simple method for isolating malaria DNA from fingerprick samples of blood. <i>Molecular and Biochemical Parasitology</i> , 1992, 53, 241-244.	1.1	81
67	The ring-infected erythrocyte surface antigen of <i>Plasmodium falciparum</i> associates with spectrin in the erythrocyte membrane. <i>Molecular and Biochemical Parasitology</i> , 1991, 46, 137-147.	1.1	123
68	Rotational dynamics of the integral membrane protein, band 3, as a probe of the membrane events associated with <i>Plasmodium falciparum</i> infections of human erythrocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1025, 135-142.	2.6	30
69	Compartmentalization of the periplasm at cell division sites in <i>Escherichia coli</i> as shown by fluorescence photobleaching experiments. <i>Molecular Microbiology</i> , 1989, 3, 1329-1336.	2.5	42
70	Developmental changes in the lateral diffusion of Leydig cell membranes measured by the FRAP method. <i>FEBS Letters</i> , 1987, 222, 47-50.	2.8	10
71	Biophysical properties of the surface lipid of parasitic nematodes. <i>Molecular and Biochemical Parasitology</i> , 1987, 22, 233-240.	1.1	56
72	The lateral diffusion of lipid probes in the surface membrane of <i>Schistosoma mansoni</i> .. <i>Journal of Cell Biology</i> , 1986, 103, 807-818.	5.2	78