Michael Foley

List of Publications by Year
in descending order

72 papers	5,204 citations	76294 40 h-index	85498 71 g-index
75 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, .	2.3	5
2	CXCR4+ cells are increased in lung tissue of patients with idiopathic pulmonary fibrosis. Respiratory Research, 2020, 21, 221.	1.4	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.	2.6	17
4	Identification of an Immunogenic Broadly Inhibitory Surface Epitope of the Plasmodium vivax Duffy Binding Protein Ligand Domain. MSphere, 2019, 4, .	1.3	19
5	i-bodies, Human Single Domain Antibodies That Antagonize Chemokine Receptor CXCR4. Journal of Biological Chemistry, 2016, 291, 12641-12657.	1.6	49
6	Targeting of Fn14 Prevents Cancer-Induced Cachexia and Prolongs Survival. Cell, 2015, 162, 1365-1378.	13.5	121
7	Use of Immunodampening To Overcome Diversity in the Malarial Vaccine Candidate Apical Membrane Antigen 1. Infection and Immunity, 2014, 82, 4707-4717.	1.0	10
8	Ligand-Induced Conformational Change of <i>Plasmodium falciparum</i> AMA1 Detected Using ¹⁹F NMR. Journal of Medicinal Chemistry, 2014, 57, 6419-6427.	2.9	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.	2.1	76
10	Shark Variable New Antigen Receptor (VNAR) Single Domain Antibody Fragments: Stability and Diagnostic Applications. Antibodies, 2013, 2, 66-81.	1.2	54
11	Antigenic Characterization of an Intrinsically Unstructured Protein, Plasmodium falciparum Merozoite Surface Protein 2. Infection and Immunity, 2012, 80, 4177-4185.	1.0	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.	1.0	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.	1.1	65
14	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. Nature, 2011, 475, 231-234.	13.7	939
15	Peptide inhibitors of the malaria surface protein, apical membrane antigen 1: Identification of key binding residues. Biopolymers, 2011, 95, 354-364.	1.2	12
16	Apical Membrane Antigen 1 as an Anti-Malarial Drug Target. Current Topics in Medicinal Chemistry, 2011, 11, 2039-2047.	1.0	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.	1.3	9
18	Recombinant protein vaccines against the asexual blood-stages of<i>Plasmodium falciparum</i>. Hum Vaccin, 2010, 6, 39-53.	2.4	55

#	Article	IF	Citations
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.	1.6	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.	1.6	54
21	Plasmodium falciparum merozoite surface protein 2 is unstructured and forms amyloid-like fibrils. Molecular and Biochemical Parasitology, 2009, 166, 159-171.	0.5	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.	0.9	4
23	Shark IgNAR antibody mimotopes target a murine immunoglobulin through extended CDR3 loop structures. Proteins: Structure, Function and Bioinformatics, 2008, 71, 119-130.	1.5	27
24	Display of a Peptide Mimotope on a Crystalline Bacterial Cell Surface Layer (S-layer) Lattice for Diagnosis of Epsteinâ€"Barr Virus Infection. Bioconjugate Chemistry, 2008, 19, 860-865.	1.8	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.	2.1	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.	1.0	13
28	Structure of an IgNAR-AMA1 Complex: Targeting a Conserved Hydrophobic Cleft Broadens Malarial Strain Recognition. Structure, 2007, 15, 1452-1466.	1.6	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.	1.0	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.	1.8	23
31	Binding Hot Spot for Invasion Inhibitory Molecules on Plasmodium falciparum Apical Membrane Antigen 1. Infection and Immunity, 2005, 73, 6981-6989.	1.0	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.	1.0	66
33	Antibodies to Malaria Peptide Mimics Inhibit Plasmodium falciparum Invasion of Erythrocytes. Infection and Immunity, 2004, 72, 1126-1134.	1.0	40
34	Selection and affinity maturation of IgNAR variable domains targeting Plasmodium falciparum AMA1. Proteins: Structure, Function and Bioinformatics, 2004, 55, 187-197.	1.5	91
35	Structures of Phage-Display Peptides that Bind to the Malarial Surface Protein, Apical Membrane Antigen 1, and Block Erythrocyte Invasionâ€. Biochemistry, 2003, 42, 9915-9923.	1.2	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.	1.6	110

#	Article	IF	Citations
37	Phage-displayed Peptides Bind to the Malarial Protein Apical Membrane Antigen-1 and Inhibit the Merozoite Invasion of Host Erythrocytes. Journal of Biological Chemistry, 2002, 277, 50303-50310.	1.6	44
38	Structure of Domain III of the Blood-stage Malaria Vaccine Candidate, Plasmodium falciparum Apical Membrane Antigen 1 (AMA1). Journal of Molecular Biology, 2002, 322, 741-753.	2.0	89
39	Single-chain antibodies produced by phage display against the C-terminal 19 kDa region of merozoite surface protein-1 of Plasmodium yoelii reduce parasite growth following challenge. Vaccine, 2002, 20, 2826-2835.	1.7	17
40	Discovery of Novel Targets of Quinoline Drugs in the Human Purine Binding Proteome. Molecular Pharmacology, 2002, 62, 1364-1372.	1.0	235
41	Random Sequence Libraries Displayed on Phage: Identification of Biologically Important Molecules. Combinatorial Chemistry and High Throughput Screening, 2002, 5, 1-14.	0.6	33
42	Characterisation of a Î´-COP homologue in the malaria parasite, Plasmodium falciparum. Molecular and Biochemical Parasitology, 2002, 123, 11-21.	0.5	30
43	Inhibition of Heme Detoxification Processes Underlies the Antimalarial Activity of Terpene Isonitrile Compounds from Marine Sponges. Journal of Medicinal Chemistry, 2001, 44, 873-885.	2.9	121
44	Histidine-rich protein 2 of the malaria parasite, Plasmodium falciparum, is involved in detoxification of the by-products of haemoglobin degradation. Molecular and Biochemical Parasitology, 2001, 115, 77-86.	0.5	67
45	Rapid and precise epitope mapping of monoclonal antibodies against Plasmodium falciparum AMA1 by combined phage display of fragments and random peptides. Protein Engineering, Design and Selection, 2001, 14, 691-698.	1.0	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. Journal of Cell Science, 2001, 114, 3377-3386.	1.2	73
47	A homologue of Sar1p localises to a novel trafficking pathway in malaria-infected erythrocytes. European Journal of Cell Biology, 1999, 78, 453-462.	1.6	78
48	Inhibition of the peroxidative degradation of haem as the basis of action of chloroquine and other quinoline antimalarials. Biochemical Journal, 1999, 339, 363-370.	1.7	215
49	Inhibition of the peroxidative degradation of haem as the basis of action of chloroquine and other quinoline antimalarials. Biochemical Journal, 1999, 339, 363.	1.7	92
50	Export of Parasite Proteins to the Erythrocyte Cytoplasm: Secretory Machinery and Traffic Signals. Novartis Foundation Symposium, 1999, 226, 157-175.	1.2	14
51	Isolation of Peptides That Mimic Epitopes on a Malarial Antigen from Random Peptide Libraries Displayed on Phage. Infection and Immunity, 1999, 67, 4679-4688.	1.0	24
52	Protein trafficking in malaria-infected erythrocytes. International Journal for Parasitology, 1998, 28, 1671-1680.	1.3	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. Journal of Biological Chemistry, 1997, 272, 25678-25684.	1.6	20
54	Quinoline antimalarials: Mechanisms of action and resistance. International Journal for Parasitology, 1997, 27, 231-240.	1.3	163

#	Article	IF	Citations
55	The antimalarial drug, chloroquine, interacts with lactate dehydrogenase from Plasmodium falciparum. Molecular and Biochemical Parasitology, 1997, 88, 215-224.	0.5	50
56	Identification of an endoplasmic reticulum-resident calcium-binding protein with multiple EF-hand motifs in asexual stages of Plasmodium falciparum1Note: Nucleotide sequence data reported in this paper have been deposited in the GenBankâ„¢ data base with the accession number AF016410.1. Molecular and Biochemical Parasitology, 1997, 89, 283-293.	0.5	75
57	Human Erythrocyte Band 7.2b Is Preferentially Labeled by a Photoreactive Phospholipid. Biochemical and Biophysical Research Communications, 1996, 224, 108-114.	1.0	21
58	Modulation of the function of human MDR1 P-glycoprotein by the antimalarial drug mefloquine. Biochemical Pharmacology, 1996, 52, 1545-1552.	2.0	55
59	Novel bisquinoline antimalarials. Biochemical Pharmacology, 1996, 52, 551-559.	2.0	99
60	Photoaffinity labeling of mefloquine-binding proteins in human serum, uninfected erythrocytes and Plasmodium falciparum-infected erythrocytes. Molecular and Biochemical Parasitology, 1996, 82, 181-194.	0.5	25
61	What Makes a Malaria Host?. Parasitology Today, 1995, 11, 111-112.	3.1	0
62	Photoaffinity labelling of Plasmodium falciparum proteins involved in phospholipid transport. Molecular and Biochemical Parasitology, 1994, 67, 235-243.	0.5	13
63	Molecular variation in a novel polymorphic antigen associated with Plasmodium falciparum merozoites. Molecular and Biochemical Parasitology, 1994, 68, 53-67.	0.5	109
64	The Plasmodium falciparum protein RESA interacts with the erythrocyte cytoskeleton and modifies erythrocyte thermal stability. Molecular and Biochemical Parasitology, 1994, 66, 59-69.	0.5	73
65	Plasmodium falciparum: Mapping the Membrane-Binding Domain in the Ring-Infected Erythrocyte Surface Antigen. Experimental Parasitology, 1994, 79, 340-350.	0.5	31
66	Rapid and simple method for isolating malaria DNA from fingerprick samples of blood. Molecular and Biochemical Parasitology, 1992, 53, 241-244.	0.5	81
67	The ring-infected erythrocyte surface antigen of Plasmodium falciparum associates with spectrin in the erythrocyte membrane. Molecular and Biochemical Parasitology, 1991, 46, 137-147.	0.5	123
68	Rotational dynamics of the integral membrane protein, band 3, as a probe of the membrane events associated with Plasmodium falciparum infections of human erythrocytes. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1025, 135-142.	1.4	30
69	Compartmentalization of the periplasm at cell division sites in Escherichia coli as shown by fluorescence photobleaching experiments. Molecular Microbiology, 1989, 3, 1329-1336.	1.2	42
70	Developmental changes in the lateral diffusion of Leydig cell membranes measured by the FRAP method. FEBS Letters, 1987, 222, 47-50.	1.3	10
71	Biophysical properties of the surface lipid of parasitic nematodes. Molecular and Biochemical Parasitology, 1987, 22, 233-240.	0.5	56
72	The lateral diffusion of lipid probes in the surface membrane of Schistosoma mansoni.. Journal of Cell Biology, 1986, 103, 807-818.	2.3	78