

Michael Foley

List of Publications by Year in descending order

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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	Selective killing of cancer cells by a small molecule targeting the stress response to ROS. <i>Nature</i> , 2011, 475, 231-234.	13.7	939
2	Discovery of Novel Targets of Quinoline Drugs in the Human Purine Binding Proteome. <i>Molecular Pharmacology</i> , 2002, 62, 1364-1372.	1.0	235
3	Interaction between <i>Plasmodium falciparum</i> Apical Membrane Antigen 1 and the Rhoptry Neck Protein Complex Defines a Key Step in the Erythrocyte Invasion Process of Malaria Parasites. <i>Journal of Biological Chemistry</i> , 2010, 285, 14815-14822.	1.6	216
4	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.	1.7	215
5	Quinoline antimalarials: Mechanisms of action and resistance. <i>International Journal for Parasitology</i> , 1997, 27, 231-240.	1.3	163
6	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.	0.5	123
7	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.	2.9	121
8	Targeting of Fn14 Prevents Cancer-Induced Cachexia and Prolongs Survival. <i>Cell</i> , 2015, 162, 1365-1378.	13.5	121
9	The Signal Sequence of Exported Protein-1 Directs the Green Fluorescent Protein to the Parasitophorous Vacuole of Transfected Malaria Parasites. <i>Journal of Biological Chemistry</i> , 2003, 278, 6532-6542.	1.6	110
10	Molecular variation in a novel polymorphic antigen associated with <i>Plasmodium falciparum</i> merozoites. <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 53-67.	0.5	109
11	The Most Polymorphic Residue on <i>Plasmodium falciparum</i> Apical Membrane Antigen 1 Determines Binding of an Invasion-Inhibitory Antibody. <i>Infection and Immunity</i> , 2006, 74, 2628-2636.	1.0	109
12	Binding Hot Spot for Invasion Inhibitory Molecules on <i>Plasmodium falciparum</i> Apical Membrane Antigen 1. <i>Infection and Immunity</i> , 2005, 73, 6981-6989.	1.0	102
13	Structure of an IgNAR-AMA1 Complex: Targeting a Conserved Hydrophobic Cleft Broadens Malarial Strain Recognition. <i>Structure</i> , 2007, 15, 1452-1466.	1.6	101
14	Novel bisquinoline antimalarials. <i>Biochemical Pharmacology</i> , 1996, 52, 551-559.	2.0	99
15	Structure of the Malaria Antigen AMA1 in Complex with a Growth-Inhibitory Antibody. <i>PLoS Pathogens</i> , 2007, 3, e138.	2.1	97
16	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.	1.7	92
17	Selection and affinity maturation of IgNAR variable domains targeting <i>Plasmodium falciparum</i> AMA1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 55, 187-197.	1.5	91
18	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.	2.0	89

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19	Rapid and simple method for isolating malaria DNA from fingerprick samples of blood. <i>Molecular and Biochemical Parasitology</i> , 1992, 53, 241-244.	0.5	81
20	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.	2.3	78
21	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.	1.6	78
22	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.	1.0	77
23	Overcoming Antigenic Diversity by Enhancing the Immunogenicity of Conserved Epitopes on the Malaria Vaccine Candidate Apical Membrane Antigen-1. <i>PLoS Pathogens</i> , 2013, 9, e1003840.	2.1	76
24	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.	0.5	75
25	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.	0.5	73
26	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.	1.2	73
27	<i>Plasmodium falciparum</i> merozoite surface protein 2 is unstructured and forms amyloid-like fibrils. <i>Molecular and Biochemical Parasitology</i> , 2009, 166, 159-171.	0.5	71
28	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.	0.5	67
29	Correct Promoter Control Is Needed for Trafficking of the Ring-Infected Erythrocyte Surface Antigen to the Host Cytosol in Transfected Malaria Parasites. <i>Infection and Immunity</i> , 2004, 72, 6095-6105.	1.0	66
30	Defining the Antigenic Diversity of <i>Plasmodium falciparum</i> Apical Membrane Antigen 1 and the Requirements for a Multi-Allele Vaccine against Malaria. <i>PLoS ONE</i> , 2012, 7, e51023.	1.1	65
31	Biophysical properties of the surface lipid of parasitic nematodes. <i>Molecular and Biochemical Parasitology</i> , 1987, 22, 233-240.	0.5	56
32	Modulation of the function of human MDR1 P-glycoprotein by the antimalarial drug mefloquine. <i>Biochemical Pharmacology</i> , 1996, 52, 1545-1552.	2.0	55
33	Recombinant protein vaccines against the asexual blood-stages of <i>Plasmodium falciparum</i> . <i>Hum Vaccin</i> , 2010, 6, 39-53.	2.4	55
34	Rapid Optimization of a Peptide Inhibitor of Malaria Parasite Invasion by Comprehensive N-Methyl Scanning. <i>Journal of Biological Chemistry</i> , 2009, 284, 9361-9371.	1.6	54
35	Shark Variable New Antigen Receptor (VNAR) Single Domain Antibody Fragments: Stability and Diagnostic Applications. <i>Antibodies</i> , 2013, 2, 66-81.	1.2	54
36	The antimalarial drug, chloroquine, interacts with lactate dehydrogenase from <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1997, 88, 215-224.	0.5	50

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37	i-bodies, Human Single Domain Antibodies That Antagonize Chemokine Receptor CXCR4. <i>Journal of Biological Chemistry</i> , 2016, 291, 12641-12657.	1.6	49
38	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.	1.6	44
39	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.	1.2	42
40	Apical Membrane Antigen 1 as an Anti-Malarial Drug Target. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2039-2047.	1.0	41
41	Antibodies to Malaria Peptide Mimics Inhibit <i>Plasmodium falciparum</i> Invasion of Erythrocytes. <i>Infection and Immunity</i> , 2004, 72, 1126-1134.	1.0	40
42	Protein trafficking in malaria-infected erythrocytes. <i>International Journal for Parasitology</i> , 1998, 28, 1671-1680.	1.3	36
43	Random Sequence Libraries Displayed on Phage: Identification of Biologically Important Molecules. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2002, 5, 1-14.	0.6	33
44	Antigenic Characterization of an Intrinsically Unstructured Protein, <i>Plasmodium falciparum</i> Merozoite Surface Protein 2. <i>Infection and Immunity</i> , 2012, 80, 4177-4185.	1.0	33
45	Ligand-Induced Conformational Change of <i>Plasmodium falciparum</i> AMA1 Detected Using ¹⁹ F NMR. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6419-6427.	2.9	33
46	Structures of Phage-Display Peptides that Bind to the Malarial Surface Protein, Apical Membrane Antigen 1, and Block Erythrocyte Invasion. <i>Biochemistry</i> , 2003, 42, 9915-9923.	1.2	32
47	<i>Plasmodium falciparum</i> : Mapping the Membrane-Binding Domain in the Ring-Infected Erythrocyte Surface Antigen. <i>Experimental Parasitology</i> , 1994, 79, 340-350.	0.5	31
48	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.	1.4	30
49	Characterisation of a β -COP homologue in the malaria parasite, <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 123, 11-21.	0.5	30
50	Shark IgNAR antibody mimotopes target a murine immunoglobulin through extended CDR3 loop structures. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 119-130.	1.5	27
51	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.	0.5	25
52	Display of a Peptide Mimotope on a Crystalline Bacterial Cell Surface Layer (S-layer) Lattice for Diagnosis of Epstein-Barr Virus Infection. <i>Bioconjugate Chemistry</i> , 2008, 19, 860-865.	1.8	25
53	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.	1.0	24
54	Peptide Mimotopes Selected from a Random Peptide Library for Diagnosis of Epstein-Barr Virus Infection. <i>Journal of Clinical Microbiology</i> , 2006, 44, 764-771.	1.8	23

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55	CXCR4+ cells are increased in lung tissue of patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2020, 21, 221.	1.4	23
56	Human Erythrocyte Band 7.2b Is Preferentially Labeled by a Photoreactive Phospholipid. <i>Biochemical and Biophysical Research Communications</i> , 1996, 224, 108-114.	1.0	21
57	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.	1.6	20
58	Identification of an Immunogenic Broadly Inhibitory Surface Epitope of the Plasmodium vivax Duffy Binding Protein Ligand Domain. <i>MSphere</i> , 2019, 4, .	1.3	19
59	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. <i>Vaccine</i> , 2002, 20, 2826-2835.	1.7	17
60	Half-life extension and non-human primate pharmacokinetic safety studies of i-body AD-114 targeting human CXCR4. <i>MAbs</i> , 2019, 11, 1331-1340.	2.6	17
61	Fine Specificity of Plasmodium vivax Duffy Binding Protein Binding Engagement of the Duffy Antigen on Human Erythrocytes. <i>Infection and Immunity</i> , 2012, 80, 2920-2928.	1.0	14
62	Export of Parasite Proteins to the Erythrocyte Cytoplasm: Secretory Machinery and Traffic Signals. <i>Novartis Foundation Symposium</i> , 1999, 226, 157-175.	1.2	14
63	Photoaffinity labelling of Plasmodium falciparum proteins involved in phospholipid transport. <i>Molecular and Biochemical Parasitology</i> , 1994, 67, 235-243.	0.5	13
64	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. <i>Infection and Immunity</i> , 2007, 75, 61-73.	1.0	13
65	Peptide inhibitors of the malaria surface protein, apical membrane antigen 1: Identification of key binding residues. <i>Biopolymers</i> , 2011, 95, 354-364.	1.2	12
66	Developmental changes in the lateral diffusion of Leydig cell membranes measured by the FRAP method. <i>FEBS Letters</i> , 1987, 222, 47-50.	1.3	10
67	Use of Immunodampening To Overcome Diversity in the Malarial Vaccine Candidate Apical Membrane Antigen 1. <i>Infection and Immunity</i> , 2014, 82, 4707-4717.	1.0	10
68	Identification of an antibody-binding epitope on the rotavirus A non-structural protein NSP2 using phage display analysis. <i>Journal of General Virology</i> , 2011, 92, 2374-2382.	1.3	9
69	Phage Display of Peptides in Ligand Selection for Use in Affinity Chromatography. , 2008, 421, 111-124.		9
70	A single-domain i-body, AD-114, attenuates renal fibrosis through blockade of CXCR4. <i>JCI Insight</i> , 2022, 7, .	2.3	5
71	Comprehensive N-Methyl Scanning of a Potent Peptide Inhibitor of Malaria Invasion into Erythrocytes Leads to Pharmacokinetic Optimization of the Molecule. <i>International Journal of Peptide Research and Therapeutics</i> , 2008, 14, 381-386.	0.9	4
72	What Makes a Malaria Host?. <i>Parasitology Today</i> , 1995, 11, 111-112.	3.1	0