Russell J Howard

List of Publications by Year
in descending order

53 papers	3,356 citations	236925 25 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	1612 citing authors

#	Article	IF	Citations
1	CD36 Peptides That Block Cytoadherence Define the CD36 Binding Region for Plasmodium falciparum-Infected Erythrocytes. Blood, 1999, 94, 2121-2127.	1.4	60
2	CD36 Peptides That Block Cytoadherence Define the CD36 Binding Region for Plasmodium falciparum-Infected Erythrocytes. Blood, 1999, 94, 2121-2127.	1.4	2
3	Identification of a Region of PfEMP1 That Mediates Adherence of Plasmodium falciparum Infected Erythrocytes to CD36: Conserved Function With Variant Sequence. Blood, 1997, 90, 3766-3775.	1.4	215
4	Cloning the P. falciparum gene encoding PfEMP1, a malarial variant antigen and adherence receptor on the surface of parasitized human erythrocytes. Cell, 1995, 82, 77-87.	28.9	979
5	MALARIA, THE RED CELL, AND THE ENDOTHELIUM. Annual Review of Medicine, 1994, 45, 283-295.	12.2	84
6	PfEMP3 and HRP1: co-expressed genes localized to chromosome 2 of Plasmodium falciparum. Gene, 1994, 144, 131-136.	2.2	17
7	Cloning and characterization of a Plasmodium falciparum gene encoding a novel high-molecular weight host membrane-associated protein, PfEMP3. Molecular and Biochemical Parasitology, 1993, 59, 59-72.	1.1	62
8	An Improved Microassay for Plasmodium falciparum Cytoadherence using Stable Transformants of Chinese Hamster Ovary Cells Expressing CD36 or Intercellular Adhesion Molecule-1. American Journal of Tropical Medicine and Hygiene, 1993, 48, 332-347.	1.4	67
9	Immunochemical Characterization and Differentiation of Two â^¼300-KD Erythrocyte Membrane-Associated Proteins of Plasmodium Falciparum, PfEMP1 and PfEMP3. American Journal of Tropical Medicine and Hygiene, 1993, 49, 552-565.	1.4	17
10	Asexual deviants take over. Nature, 1992, 357, 647-648.	27.8	2
11	Conservation of repeating structures in the PfEMP2/MESA protein of Plasmodium falciparum. Immunology and Cell Biology, 1992, 70, 353-355.	2.3	10
12	Binding of Plasmodium falciparum 175-kilodalton erythrocyte binding antigen and invasion of murine erythrocytes requires N-acetylneuraminic acid but not its O-acetylated form. Molecular and Biochemical Parasitology, 1992, 51, 49-54.	1.1	82
13	Purification and in Vitro Selection of Rosette-Positive (R+) and Rosette-Negative (R-) Phenotypes of Knob-Positive Plasmodium falciparum Parasites. American Journal of Tropical Medicine and Hygiene, 1992, 46, 371-381.	1.4	22
14	Agglutination of Plasmodium falciparum-Infected Erythrocytes from East and West African Isolates by Human Sera from Distant Geographic Regions. American Journal of Tropical Medicine and Hygiene, 1992, 47, 621-632.	1.4	61
15	Falciparum malaria parasitized erythrocytes bind to a carboxy-terminal thrombospondin fragment and not the amino-terminal heparin-binding region. Molecular and Biochemical Parasitology, 1990, 40, 173-181.	1.1	14
16	Purification and partial characterization of an unusual protein of Plasmodium falciparum: histidine-rich protein II. Molecular and Biochemical Parasitology, 1989, 35, 149-160.	1.1	62
17	A 60-kDa Plasmodium falciparum protein at the moving junction formed between merozoite and erythrocyte during invasion. Molecular and Biochemical Parasitology, 1989, 36, 177-185.	1.1	45
18	Studies of the Receptors on Melanoma Cells for Plasmodium Falciparum Infected Erythrocytes. American Journal of Tropical Medicine and Hygiene, 1989, 40, 119-127.	1.4	29

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19	A portion of the Pf155/RESA antigen of Plasmodium falciparum is accessible on the surface of infected erythrocytes. Immunology and Cell Biology, 1988, 66, 269-276.	2.3	6
20	Plasmodium falciparumGlycolipid Synthesis: Constant and Variant Molecules of Isolates and of Strains with Differing Knob and Cytoadherence Phenotype. Journal of Protozoology, 1988, 35, 169-172.	0.8	2
21	Two approximately 300 kilodalton Plasmodium falciparum proteins at the surface membrane of infected erythrocytes. Molecular and Biochemical Parasitology, 1988, 27, 207-223.	1.1	122
22	Malarial Proteins at the Membrane of Plasmodium falciparum-Infected Erythrocytes and Their Involvement in Cytoadherence to Endothelial Cells. Chemical Immunology and Allergy, 1988, 41, 98-147.	1.7	38
23	Vaccination against malaria: Recent advances and the problems of antigenic diversity and other parasite evasion mechanisms. International Journal for Parasitology, 1987, 17, 17-29.	3.1	14
24	A histidine-rich protein gene marks a linkage group favored strongly in a genetic cross of Plasmodium falciparum. Cell, 1987, 49, 633-642.	28.9	213
25	Localization of Plasmodium falciparum histidine-rich protein 1 in the erythrocyte skeleton under knobs. Molecular and Biochemical Parasitology, 1987, 25, 165-174.	1.1	108
26	Structure and expression of the knob-associated histidine-rich protein of Plasmodium falciparum. Molecular and Biochemical Parasitology, 1987, 26, 203-214.	1.1	28
27	Export of Plasmodium Falciparum Proteins to the Host Erythrocyte Membrane: Special Problems of Protein Trafficking and Topogenesis. , 1987, , 281-296.		9
28	Inhibition of Knob Formation on Plasmodium Falciparum-Infected Erythrocytes by 2-Fluoro-L-Histidine. , 1987, , 297-306.		5
29	Thrombospondin Binding by Parasitized Erythrocyte Isolates in Falciparum Malaria. American Journal of Tropical Medicine and Hygiene, 1987, 36, 228-233.	1.4	26
30	Inhibitory effects of histidine analogues on growth and protein synthesis by Plasmodium falciparum in vitro. Biochemical Pharmacology, 1986, 35, 1589-1596.	4.4	22
31	Plasmodium falciparum and P. knowlesi: Initial identification and characterization of malaria synthesized glycolipids. Experimental Parasitology, 1986, 62, 127-141.	1.2	17
32	Parasite-infected-cell-agglutination and indirect immunofluorescence assays for detection of human serum antibodies bound to antigens on Plasmodium falciparum-infected erythrocytes. Journal of Immunological Methods, 1986, 91, 107-115.	1.4	50
33	Antigenic diversity and size diversity of Plasmodium falciparum antigens in isolates from Gambian patients. I. S-antigens. Parasite Immunology, 1986, 8, 39-55.	1.5	23
34	Identification and analysis of epimastigote surface and metabolic proteins in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 1986, 19, 183-194.	1.1	9
35	Thrombospondin binds falciparum malaria parasitized erythrocytes and may mediate cytoadherence. Nature, 1985, 318, 64-66.	27.8	363
36	Structural Alteration of the Membrane of Erythrocytes Infected withPlasmodium falciparum1. Journal of Protozoology, 1985, 32, 424-429.	0.8	16

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37	Identification of parasite proteins in a membrane preparation enriched for the surface membrane of erythrocytes infected with Plasmodium knowlesi. Molecular and Biochemical Parasitology, 1984, 12, 69-84.	1.1	35
38	Localization of the major Plasmodium falciparum glycoprotein on the surface of mature intraerythrocytic trophozoites and schizonts. Molecular and Biochemical Parasitology, 1984, 11, 349-362.	1.1	38
39	N-terminal amino acid sequence of the histidine-rich protein from Plasmodium lophurae. Molecular and Biochemical Parasitology, 1984, 12, 237-246.	1.1	11
40	The detergent solubility properties of a malarial (Plasmodium knowlesi) variant antigen expressed on the surface of infected erythrocytes. Journal of Cellular Biochemistry, 1984, 24, 297-306.	2.6	17
41	Roles of Surface Antigens on Malaria-Infected Red Blood Cells in Evasion of Immunity. , 1984, 12, 127-200.		28
42	A comparison of Knobby (K+) and Knobless (Kâ^') parasites from two strains of Plasmodium falciparum. Molecular and Biochemical Parasitology, 1983, 9, 271-278.	1.1	46
43	Surface membrane proteins and glycoproteins of red blood cells from normal and anaemic mice. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1982, 71, 713-721.	0.2	0
44	Radioiodination of new protein antigens on the surface of Plasmodium knowlesi schizont-infected erythrocytes. Molecular and Biochemical Parasitology, 1982, 6, 343-367.	1.1	37
45	Tritiation of protein antigens of Plasmodium knowlesi schizont-infected erythrocytes using pyridoxal phosphate-sodium boro[3H]hydride. Molecular and Biochemical Parasitology, 1982, 6, 369-387.	1.1	11
46	Alterations in the Surface Membrane of Red Blood Cells During Malaria. Immunological Reviews, 1982, 61, 67-107.	6.0	73
47	Plasmodium berghei: Modification of sialic acid on red cells from infected mouse blood. Experimental Parasitology, 1981, 51, 95-103.	1.2	21
48	Comparison of the Surface Proteins and Glycoproteins On Erythrocytes of Calves Before and During Infection With Babesia Bovis. Journal of Protozoology, 1980, 27, 241-247.	0.8	23
49	Identification of 9-O-acetyl-N-acetylneuraminic acid on the surface of BALB/c mouse erythrocytes. Biochemical and Biophysical Research Communications, 1980, 94, 567-572.	2.1	37
50	Separation of Stages of Plasmodium Falciparum-Infected Cells by means of a Fluorescence-Activated Cell Sorter. American Journal of Tropical Medicine and Hygiene, 1980, 29, 1147-1149.	1.4	30
51	ACCELERATED CLEARANCE OF UNINFECTED RED CELLS FROM PLASMODIUM BERGHEI -INFECTED MOUSE BLOOD IN NORMAL MICE. The Australian Journal of Experimental Biology and Medical Science, 1979, 57, 455-457.	0.7	15
52	Identification of differences between the surface proteins and glycoproteins of normal mouse (Balb/c) and human erythrocytes. Journal of Membrane Biology, 1979, 49, 171-198.	2.1	21
53	Babesia rodhaini, Babesia bovis, and Babesia bigemina: Analysis and sorting of red cells from infected mouse or calf blood by flow fluorimetry using 33258 Hoechst. Experimental Parasitology, 1979, 48, 421-431.	1.2	12