

# Russell J Howard

## List of Publications by Year in descending order

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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	Cloning the <i>P. falciparum</i> gene encoding PfEMP1, a malarial variant antigen and adherence receptor on the surface of parasitized human erythrocytes. <i>Cell</i> , 1995, 82, 77-87.	28.9	979
2	Thrombospondin binds <i>falciparum</i> malaria parasitized erythrocytes and may mediate cytoadherence. <i>Nature</i> , 1985, 318, 64-66.	27.8	363
3	Identification of a Region of PfEMP1 That Mediates Adherence of <i>Plasmodium falciparum</i> Infected Erythrocytes to CD36: Conserved Function With Variant Sequence. <i>Blood</i> , 1997, 90, 3766-3775.	1.4	215
4	A histidine-rich protein gene marks a linkage group favored strongly in a genetic cross of <i>Plasmodium falciparum</i> . <i>Cell</i> , 1987, 49, 633-642.	28.9	213
5	Two approximately 300 kilodalton <i>Plasmodium falciparum</i> proteins at the surface membrane of infected erythrocytes. <i>Molecular and Biochemical Parasitology</i> , 1988, 27, 207-223.	1.1	122
6	Localization of <i>Plasmodium falciparum</i> histidine-rich protein 1 in the erythrocyte skeleton under knobs. <i>Molecular and Biochemical Parasitology</i> , 1987, 25, 165-174.	1.1	108
7	MALARIA, THE RED CELL, AND THE ENDOTHELIUM. <i>Annual Review of Medicine</i> , 1994, 45, 283-295.	12.2	84
8	Binding of <i>Plasmodium falciparum</i> 175-kilodalton erythrocyte binding antigen and invasion of murine erythrocytes requires N-acetylneuraminic acid but not its O-acetylated form. <i>Molecular and Biochemical Parasitology</i> , 1992, 51, 49-54.	1.1	82
9	Alterations in the Surface Membrane of Red Blood Cells During Malaria. <i>Immunological Reviews</i> , 1982, 61, 67-107.	6.0	73
10	An Improved Microassay for <i>Plasmodium falciparum</i> Cytoadherence using Stable Transformants of Chinese Hamster Ovary Cells Expressing CD36 or Intercellular Adhesion Molecule-1. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 48, 332-347.	1.4	67
11	Purification and partial characterization of an unusual protein of <i>Plasmodium falciparum</i> : histidine-rich protein II. <i>Molecular and Biochemical Parasitology</i> , 1989, 35, 149-160.	1.1	62
12	Cloning and characterization of a <i>Plasmodium falciparum</i> gene encoding a novel high-molecular weight host membrane-associated protein, PfEMP3. <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 59-72.	1.1	62
13	Agglutination of <i>Plasmodium falciparum</i> -Infected Erythrocytes from East and West African Isolates by Human Sera from Distant Geographic Regions. <i>American Journal of Tropical Medicine and Hygiene</i> , 1992, 47, 621-632.	1.4	61
14	CD36 Peptides That Block Cytoadherence Define the CD36 Binding Region for <i>Plasmodium falciparum</i> -Infected Erythrocytes. <i>Blood</i> , 1999, 94, 2121-2127.	1.4	60
15	Parasite-infected-cell-agglutination and indirect immunofluorescence assays for detection of human serum antibodies bound to antigens on <i>Plasmodium falciparum</i> -infected erythrocytes. <i>Journal of Immunological Methods</i> , 1986, 91, 107-115.	1.4	50
16	A comparison of Knobby (K+) and Knobless (K <sup>-</sup> ) parasites from two strains of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1983, 9, 271-278.	1.1	46
17	A 60-kDa <i>Plasmodium falciparum</i> protein at the moving junction formed between merozoite and erythrocyte during invasion. <i>Molecular and Biochemical Parasitology</i> , 1989, 36, 177-185.	1.1	45
18	Localization of the major <i>Plasmodium falciparum</i> glycoprotein on the surface of mature intraerythrocytic trophozoites and schizonts. <i>Molecular and Biochemical Parasitology</i> , 1984, 11, 349-362.	1.1	38

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19	Malarial Proteins at the Membrane of Plasmodium falciparum-Infected Erythrocytes and Their Involvement in Cytoadherence to Endothelial Cells. <i>Chemical Immunology and Allergy</i> , 1988, 41, 98-147.	1.7	38
20	Identification of 9-O-acetyl-N-acetylneuraminic acid on the surface of BALB/c mouse erythrocytes. <i>Biochemical and Biophysical Research Communications</i> , 1980, 94, 567-572.	2.1	37
21	Radioiodination of new protein antigens on the surface of Plasmodium knowlesi schizont-infected erythrocytes. <i>Molecular and Biochemical Parasitology</i> , 1982, 6, 343-367.	1.1	37
22	Identification of parasite proteins in a membrane preparation enriched for the surface membrane of erythrocytes infected with Plasmodium knowlesi. <i>Molecular and Biochemical Parasitology</i> , 1984, 12, 69-84.	1.1	35
23	Separation of Stages of Plasmodium Falciparum-Infected Cells by means of a Fluorescence-Activated Cell Sorter. <i>American Journal of Tropical Medicine and Hygiene</i> , 1980, 29, 1147-1149.	1.4	30
24	Studies of the Receptors on Melanoma Cells for Plasmodium Falciparum Infected Erythrocytes. <i>American Journal of Tropical Medicine and Hygiene</i> , 1989, 40, 119-127.	1.4	29
25	Structure and expression of the knob-associated histidine-rich protein of Plasmodium falciparum. <i>Molecular and Biochemical Parasitology</i> , 1987, 26, 203-214.	1.1	28
26	Roles of Surface Antigens on Malaria-Infected Red Blood Cells in Evasion of Immunity. , 1984, 12, 127-200.		28
27	Thrombospondin Binding by Parasitized Erythrocyte Isolates in Falciparum Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1987, 36, 228-233.	1.4	26
28	Comparison of the Surface Proteins and Glycoproteins On Erythrocytes of Calves Before and During Infection With Babesia Bovis. <i>Journal of Protozoology</i> , 1980, 27, 241-247.	0.8	23
29	Antigenic diversity and size diversity of Plasmodium falciparum antigens in isolates from Gambian patients. I. S-antigens. <i>Parasite Immunology</i> , 1986, 8, 39-55.	1.5	23
30	Inhibitory effects of histidine analogues on growth and protein synthesis by Plasmodium falciparum in vitro. <i>Biochemical Pharmacology</i> , 1986, 35, 1589-1596.	4.4	22
31	Purification and in Vitro Selection of Rosette-Positive (R+) and Rosette-Negative (R-) Phenotypes of Knob-Positive Plasmodium falciparum Parasites. <i>American Journal of Tropical Medicine and Hygiene</i> , 1992, 46, 371-381.	1.4	22
32	Identification of differences between the surface proteins and glycoproteins of normal mouse (Balb/c) and human erythrocytes. <i>Journal of Membrane Biology</i> , 1979, 49, 171-198.	2.1	21
33	Plasmodium berghei: Modification of sialic acid on red cells from infected mouse blood. <i>Experimental Parasitology</i> , 1981, 51, 95-103.	1.2	21
34	The detergent solubility properties of a malarial (Plasmodium knowlesi) variant antigen expressed on the surface of infected erythrocytes. <i>Journal of Cellular Biochemistry</i> , 1984, 24, 297-306.	2.6	17
35	Plasmodium falciparum and P. knowlesi: Initial identification and characterization of malaria synthesized glycolipids. <i>Experimental Parasitology</i> , 1986, 62, 127-141.	1.2	17
36	PfEMP3 and HRP1: co-expressed genes localized to chromosome 2 of Plasmodium falciparum. <i>Gene</i> , 1994, 144, 131-136.	2.2	17

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37	Immunochemical Characterization and Differentiation of Two $\sim$ 300-KD Erythrocyte Membrane-Associated Proteins of <i>Plasmodium falciparum</i> , PfEMP1 and PfEMP3. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 552-565.	1.4	17
38	Structural Alteration of the Membrane of Erythrocytes Infected with <i>Plasmodium falciparum</i> . <i>Journal of Protozoology</i> , 1985, 32, 424-429.	0.8	16
39	ACCELERATED CLEARANCE OF UNINFECTED RED CELLS FROM <i>PLASMODIUM BERGHEI</i> -INFECTED MOUSE BLOOD IN NORMAL MICE. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1979, 57, 455-457.	0.7	15
40	Vaccination against malaria: Recent advances and the problems of antigenic diversity and other parasite evasion mechanisms. <i>International Journal for Parasitology</i> , 1987, 17, 17-29.	3.1	14
41	<i>Falciparum</i> malaria parasitized erythrocytes bind to a carboxy-terminal thrombospondin fragment and not the amino-terminal heparin-binding region. <i>Molecular and Biochemical Parasitology</i> , 1990, 40, 173-181.	1.1	14
42	<i>Babesia rodhaini</i> , <i>Babesia bovis</i> , and <i>Babesia bigemina</i> : Analysis and sorting of red cells from infected mouse or calf blood by flow fluorimetry using 33258 Hoechst. <i>Experimental Parasitology</i> , 1979, 48, 421-431.	1.2	12
43	Tritiation of protein antigens of <i>Plasmodium knowlesi</i> schizont-infected erythrocytes using pyridoxal phosphate-sodium boro[ $^3\text{H}$ ]hydride. <i>Molecular and Biochemical Parasitology</i> , 1982, 6, 369-387.	1.1	11
44	N-terminal amino acid sequence of the histidine-rich protein from <i>Plasmodium lophurae</i> . <i>Molecular and Biochemical Parasitology</i> , 1984, 12, 237-246.	1.1	11
45	Conservation of repeating structures in the PfEMP2/MESA protein of <i>Plasmodium falciparum</i> . <i>Immunology and Cell Biology</i> , 1992, 70, 353-355.	2.3	10
46	Identification and analysis of epimastigote surface and metabolic proteins in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 1986, 19, 183-194.	1.1	9
47	Export of <i>Plasmodium falciparum</i> Proteins to the Host Erythrocyte Membrane: Special Problems of Protein Trafficking and Topogenesis. , 1987, , 281-296.		9
48	A portion of the Pf155/RESA antigen of <i>Plasmodium falciparum</i> is accessible on the surface of infected erythrocytes. <i>Immunology and Cell Biology</i> , 1988, 66, 269-276.	2.3	6
49	Inhibition of Knob Formation on <i>Plasmodium falciparum</i> -Infected Erythrocytes by 2-Fluoro-L-Histidine. , 1987, , 297-306.		5
50	<i>Plasmodium falciparum</i> Glycolipid Synthesis: Constant and Variant Molecules of Isolates and of Strains with Differing Knob and Cytoadherence Phenotype. <i>Journal of Protozoology</i> , 1988, 35, 169-172.	0.8	2
51	Asexual deviants take over. <i>Nature</i> , 1992, 357, 647-648.	27.8	2
52	CD36 Peptides That Block Cytoadherence Define the CD36 Binding Region for <i>Plasmodium falciparum</i> -Infected Erythrocytes. <i>Blood</i> , 1999, 94, 2121-2127.	1.4	2
53	Surface membrane proteins and glycoproteins of red blood cells from normal and anaemic mice. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1982, 71, 713-721.	0.2	0