Ute Frevert

List of Publications by Year
in descending order

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47	4,318	172207	253896
papers	citations	29 h-index	43 g-index

47	47	47	3372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TRAP Is Necessary for Gliding Motility and Infectivity of Plasmodium Sporozoites. Cell, 1997, 90, 511-522.	13.5	580
2	Migration of Plasmodium Sporozoites Through Cells Before Infection. Science, 2001, 291, 141-144.	6.0	459
3	Plasmodium liver stage developmental arrest by depletion of a protein at the parasite-host interface. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3022-3027.	3.3	350
4	The basolateral domain of the hepatocyte plasma membrane bears receptors for the circumsporozoite protein of plasmodium falciparum sporozoites. Cell, 1992, 70, 1021-1033.	13.5	349
5	Intravital Observation of Plasmodium berghei Sporozoite Infection of the Liver. PLoS Biology, 2005, 3, e192.	2.6	293
6	Intravital microscopy demonstrating antibody-mediated immobilisation of Plasmodium berghei sporozoites injected into skin by mosquitoes. International Journal for Parasitology, 2004, 34, 991-996.	1.3	287
7	Release of Hepatic Plasmodium yoelii Merozoites into the Pulmonary Microvasculature. PLoS Pathogens, 2007, 3, e171.	2.1	178
8	Malaria sporozoites actively enter and pass through rat Kupffer cells prior to hepatocyte invasion. Hepatology, 2001, 33, 1154-1165.	3.6	140
9	Neuroimmunological Blood Brain Barrier Opening in Experimental Cerebral Malaria. PLoS Pathogens, 2012, 8, e1002982.	2.1	123
10	Proteoglycans mediate malaria sporozoite targeting to the liver. Molecular Microbiology, 2002, 45, 637-651.	1.2	113
11	Kupffer cells are obligatory for Plasmodium yoelii sporozoite infection of the liver. Cellular Microbiology, 2007, 9, 397-412.	1.1	107
12	Quantitative isolation and in vivo imaging of malaria parasite liver stages. International Journal for Parasitology, 2006, 36, 1283-1293.	1.3	105
13	Ly6Chigh Monocytes Become Alternatively Activated Macrophages in Schistosome Granulomas with Help from CD4+ Cells. PLoS Pathogens, 2014, 10, e1004080.	2.1	94
14	Sneaking in through the back entrance: the biology of malaria liver stages. Trends in Parasitology, 2004, 20, 417-424.	1.5	93
15	A mosquito-specific protein family includes candidate receptors for malaria sporozoite invasion of salivary glands. Cellular Microbiology, 2006, 8, 163-175.	1.1	84
16	Experimental Cerebral Malaria Pathogenesisâ€"Hemodynamics at the Blood Brain Barrier. PLoS Pathogens, 2014, 10, e1004528.	2.1	83
17	Malaria circumsporozoite protein inhibits the respiratory burst in Kupffer cells. Cellular Microbiology, 2007, 9, 2610-2628.	1.1	76
18	The Malaria Circumsporozoite Protein: Interaction of the Conserved Regions I and II-Plus with Heparin-like Oligosaccharides in Heparan Sulfate. Experimental Parasitology, 1997, 85, 168-182.	0.5	65

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19	Malaria circumsporozoite protein inhibits protein synthesis in mammalian cells. EMBO Journal, 1998, 17, 3816-3826.	3.5	65
20	Early Invasion of Brain Parenchyma by African Trypanosomes. PLoS ONE, 2012, 7, e43913.	1.1	54
21	Proteasome-dependent cyst formation and stage-specific ubiquitin mRNA accumulation in Entamoeba invadens. FEBS Journal, 1999, 264, 897-904.	0.2	52
22	Plasmodium yoelii sporozoites modulate cytokine profile and induce apoptosis in murine Kupffer cells. International Journal for Parasitology, 2008, 38, 1639-1650.	1.3	50
23	Cell surface glycosaminoglycans are not obligatory for Plasmodium berghei sporozoite invasion in vitro. Molecular and Biochemical Parasitology, 1996, 76, 257-266.	0.5	48
24	Release of malaria circumsporozoite protein into the host cell cytoplasm and interaction with ribosomes. Molecular and Biochemical Parasitology, 1996, 81, 151-170.	0.5	44
25	Nomadic or sessile: can Kupffer cells function as portals for malaria sporozoites to the liver?. Cellular Microbiology, 2006, 8, 1537-1546.	1.1	44
26	Cellular effector mechanisms againstPlasmodiumliver stages. Cellular Microbiology, 2008, 10, 1956-1967.	1.1	36
27	Plasmodium cellular effector mechanisms and the hepatic microenvironment. Frontiers in Microbiology, 2015, 6, 482.	1.5	34
28	Imaging Plasmodium immunobiology in the liver, brain, and lung. Parasitology International, 2014, 63, 171-186.	0.6	31
29	Defective sorting of the thrombospondin-related anonymous protein (TRAP) inhibits Plasmodium infectivity. Molecular and Biochemical Parasitology, 2003, 126, 263-273.	0.5	30
30	Protective Humoral Immunity Elicited by a Needle-Free Malaria Vaccine Comprised of a Chimeric Plasmodium falciparum Circumsporozoite Protein and a Toll-Like Receptor 5 Agonist, Flagellin. Infection and Immunity, 2013, 81, 4350-4362.	1.0	30
31	Imaging effector functions of human cytotoxic CD4+ T cells specific for Plasmodium falciparum circumsporozoite protein. International Journal for Parasitology, 2009, 39, 119-132.	1.3	28
32	Compounds of the upper gastrointestinal tract induce rapid and efficient excystation of Entamoeba invadens. International Journal for Parasitology, 2010, 40, 751-760.	1.3	28
33	In vivo CD8+ T Cell Dynamics in the Liver of Plasmodium yoelii Immunized and Infected Mice. PLoS ONE, 2013, 8, e70842.	1.1	24
34	Exoerythrocytic development of Plasmodium gallinaceum in the White Leghorn chicken. International Journal for Parasitology, 2008, 38, 655-672.	1.3	23
35	Kupffer and stellate cell proteoglycans mediate malaria sporozoite targeting to the liver. Comparative Hepatology, 2004, 3, S47.	0.9	19
36	Fatal cerebral malaria: a venous efflux problem. Frontiers in Cellular and Infection Microbiology, 2014, 4, 155.	1.8	18

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37	Cell Surface Interactions betweenTrypanosoma congolenseand Macrophages during Phagocytosis In Vitro. Journal of Protozoology, 1992, 39, 224-235.	0.9	16
38	Plasmodium Sporozoite Passage across the Sinusoidal Cell Layer. Sub-Cellular Biochemistry, 2008, 47, 182-197.	1.0	15
39	Molecular characterization of glycosomal NAD+-dependent glycerol 3-phosphate dehydrogenase from Trypanosoma brucei rhodesiense. Molecular and Biochemical Parasitology, 1996, 76, 145-158.	0.5	14
40	Skin scarification with Plasmodium falciparum peptide vaccine using synthetic TLR agonists as adjuvants elicits malaria sporozoite neutralizing immunity. Scientific Reports, 2016, 6, 32575.	1.6	14
41	Novel in vivo imaging techniques for the liver microvasculature. Intravital, 2012, 1, 107-114.	2.0	11
42	Arrest in the Liver â€" A Genetically Defined Malaria Vaccine?. New England Journal of Medicine, 2005, 352, 1600-1602.	13.9	7
43	Response to Heussler and Doerig: In vivo imaging enters parasitology. Trends in Parasitology, 2006, 22, 195-196.	1.5	4
44	The protection of ethoxysclerol-induced liver damage by silibinin in isolated rat hepatocytes. Journal of Hepatology, 1990, 11, S96.	1.8	0
45	ARMed and even more dangerous?: Response. Trends in Microbiology, 1999, 7, 137.	3.5	0
46	Cell Surface and Intracellular Binding Sites for the Malaria CS Protein. Biochemical Society Transactions, 1999, 27, A84-A84.	1.6	0
47	Innate Immune Responses and P. falciparum CS Repeat-Specific Neutralizing Antibodies Following Vaccination by Skin Scarification. Frontiers in Immunology, 0, 13, .	2.2	0