

Johannes T Dessens

List of Publications by Year in descending order

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41
papers

1,822
citations

257101

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1483
citing authors

#	ARTICLE	IF	CITATIONS
1	A conserved malaria parasite protein required for maintenance of sporozoite cell shape and transmission. <i>Molecular Microbiology</i> , 2022, , .	1.2	0
2	Crystalloids: Fascinating Parasite Organelles Essential for Malaria Transmission. <i>Trends in Parasitology</i> , 2021, 37, 581-584.	1.5	12
3	<i>Plasmodium berghei</i> LAPs form an extended protein complex that facilitates crystalloid targeting and biogenesis. <i>Journal of Proteomics</i> , 2020, 227, 103925.	1.2	13
4	<sc>NAD</sc> (P) transhydrogenase has vital non-mitochondrial functions in malaria parasite transmission. <i>EMBO Reports</i> , 2020, 21, e47832.	2.0	13
5	Distinct Functional Contributions by the Conserved Domains of the Malaria Parasite Alveolin IMC1h. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 266.	1.8	5
6	Dysregulated gene expression in oocysts of <i>Plasmodium berghei</i> LAP mutants. <i>Molecular and Biochemical Parasitology</i> , 2019, 229, 1-5.	0.5	4
7	The <i>Plasmodium</i> LAP complex affects crystalloid biogenesis and oocyst cell division. <i>International Journal for Parasitology</i> , 2018, 48, 1073-1078.	1.3	14
8	Palmitoylation of <i>Plasmodium</i> alveolins promotes cytoskeletal function. <i>Molecular and Biochemical Parasitology</i> , 2017, 213, 16-21.	0.5	17
9	A potent series targeting the malarial cGMP-dependent protein kinase clears infection and blocks transmission. <i>Nature Communications</i> , 2017, 8, 430.	5.8	110
10	LCCL protein complex formation in <i>Plasmodium</i> is critically dependent on LAP1. <i>Molecular and Biochemical Parasitology</i> , 2017, 214, 87-90.	0.5	11
11	The <i>Plasmodium</i> alveolin IMC1a is stabilised by its terminal cysteine motifs and facilitates sporozoite morphogenesis and infectivity in a dose-dependent manner. <i>Molecular and Biochemical Parasitology</i> , 2017, 211, 48-56.	0.5	12
12	Maternally supplied S-acyl-transferase is required for crystalloid organelle formation and transmission of the malaria parasite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7183-7188.	3.3	28
13	Biogenesis of the crystalloid organelle in <i>Plasmodium</i> involves microtubule-dependent vesicle transport and assembly. <i>International Journal for Parasitology</i> , 2015, 45, 537-547.	1.3	17
14	<i>Plasmodium</i> alveolins possess distinct but structurally and functionally related multi-repeat domains. <i>Parasitology Research</i> , 2015, 114, 631-639.	0.6	27
15	Distinct temporal recruitment of <i>Plasmodium</i> alveolins to the subpellicular network. <i>Parasitology Research</i> , 2014, 113, 4177-4188.	0.6	24
16	Translational repression controls temporal expression of the <i>Plasmodium berghei</i> LCCL protein complex. <i>Molecular and Biochemical Parasitology</i> , 2013, 189, 38-42.	0.5	33
17	Morphogenesis of <i>Plasmodium</i> zoitites is uncoupled from tensile strength. <i>Molecular Microbiology</i> , 2013, 89, 552-564.	1.2	24
18	Regulation of murine normal and stress-induced erythropoiesis by Desert Hedgehog. <i>Blood</i> , 2012, 119, 4741-4751.	0.6	37

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19	Conformational co-dependence between Plasmodium berghei LCCL proteins promotes complex formation and stability. <i>Molecular and Biochemical Parasitology</i> , 2012, 185, 170-173.	0.5	10
20	Malaria crystalloids: specialized structures for parasite transmission?. <i>Trends in Parasitology</i> , 2011, 27, 106-110.	1.5	31
21	Vital functions of the malarial ookinete protein, CTRP, reside in the A domains. <i>International Journal for Parasitology</i> , 2011, 41, 1029-1039.	1.3	48
22	Malaria IMC1 Membrane Skeleton Proteins Operate Autonomously and Participate in Motility Independently of Cell Shape. <i>Journal of Biological Chemistry</i> , 2011, 286, 5383-5391.	1.6	44
23	Plasmodium berghei crystalloids contain multiple LCCL proteins. <i>Molecular and Biochemical Parasitology</i> , 2010, 170, 49-53.	0.5	42
24	The role of LCCL proteins in malaria transmission. <i>Malaria Journal</i> , 2010, 9, .	0.8	0
25	Indian hedgehog (Ihh) both promotes and restricts thymocyte differentiation. <i>Blood</i> , 2009, 113, 2217-2228.	0.6	51
26	Sonic hedgehog negatively regulates pre-TCR α -induced differentiation by a Gli2-dependent mechanism. <i>Blood</i> , 2009, 113, 5144-5156.	0.6	47
27	PbSR is synthesized in macrogametocytes and involved in formation of the malaria crystalloids. <i>Molecular Microbiology</i> , 2008, 68, 1560-1569.	1.2	39
28	IMC1b Is a Putative Membrane Skeleton Protein Involved in Cell Shape, Mechanical Strength, Motility, and Infectivity of Malaria Ookinetes*. <i>Journal of Biological Chemistry</i> , 2008, 283, 27604-27611.	1.6	62
29	β -Selection: Abundance of TCR β ⁺ CD44 ⁺ CD25 ⁺ (DN4) cells in the foetal thymus. <i>European Journal of Immunology</i> , 2007, 37, 487-500.	1.6	17
30	The role of metacaspase 1 in Plasmodium berghei development and apoptosis. <i>Molecular and Biochemical Parasitology</i> , 2007, 153, 41-47.	0.5	65
31	The transcription factor Gli3 regulates differentiation of fetal CD4 ⁺ CD8 ⁺ double-negative thymocytes. <i>Blood</i> , 2005, 106, 1296-1304.	0.6	53
32	A malaria membrane skeletal protein is essential for normal morphogenesis, motility, and infectivity of sporozoites. <i>Journal of Cell Biology</i> , 2004, 167, 425-432.	2.3	95
33	LCCL proteins of apicomplexan parasites. <i>Trends in Parasitology</i> , 2004, 20, 102-108.	1.5	42
34	FUNCTIONAL CHARACTERIZATION OF AN LCCL ⁺ LECTIN DOMAIN CONTAINING PROTEIN FAMILY IN PLASMODIUM BERGHEI. <i>Journal of Parasitology</i> , 2004, 90, 1062-1071.	0.3	42
35	SOAP, a novel malaria ookinete protein involved in mosquito midgut invasion and oocyst development. <i>Molecular Microbiology</i> , 2003, 49, 319-329.	1.2	149
36	A malaria scavenger receptor-like protein essential for parasite development. <i>Molecular Microbiology</i> , 2002, 45, 1473-1484.	1.2	79

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37	Knockout of the Rodent Malaria Parasite Chitinase PbCHT1 Reduces Infectivity to Mosquitoes. <i>Infection and Immunity</i> , 2001, 69, 4041-4047.	1.0	99
38	Characterisation and expression of Pbs25, a sexual and sporogonic stage specific protein of <i>Plasmodium berghei</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 110, 147-159.	0.5	50
39	CTRP is essential for mosquito infection by malaria ookinetes. <i>EMBO Journal</i> , 1999, 18, 6221-6227.	3.5	255
40	Asymmetrical Distribution of Barley Yellow Dwarf Virus PAV Variants Between Host Plant Species. <i>Phytopathology</i> , 1998, 88, 818-821.	1.1	40
41	Mutational analysis of the putative catalytic triad of the cowpea mosaic virus 24K protease. <i>Virology</i> , 1991, 184, 738-746.	1.1	61