Taco W Kooij

List of Publications by Year in descending order

43 papers	4,072 citations	279701 23 h-index	243529 44 g-index
50 all docs	50 docs citations	50 times ranked	4334 citing authors

#	Article	IF	Citations
1	Comparative genomics of the neglected human malaria parasite Plasmodium vivax. Nature, 2008, 455, 757-763.	13.7	756
2	A Comprehensive Survey of the Plasmodium Life Cycle by Genomic, Transcriptomic, and Proteomic Analyses. Science, 2005, 307, 82-86.	6.0	743
3	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. Nature, 2002, 419, 512-519.	13.7	666
4	Ratio-fluorescence microscopy of lipid oxidation in living cells using C11-BODIPY581/591. FEBS Letters, 1999, 453, 278-282.	1.3	268
5	An Unusual ERAD-Like Complex Is Targeted to the Apicoplast ofPlasmodium falciparum. Eukaryotic Cell, 2009, 8, 1134-1145.	3.4	136
6	The Malaria Secretome: From Algorithms to Essential Function in Blood Stage Infection. PLoS Pathogens, 2008, 4, e1000084.	2.1	133
7	A Plasmodium Whole-Genome Synteny Map: Indels and Synteny Breakpoints as Foci for Species-Specific Genes. PLoS Pathogens, 2005, 1, e44.	2.1	131
8	Critical role for a stage-specific actin in male exflagellation of the malaria parasite. Cellular Microbiology, 2011, 13, 1714-1730.	1.1	79
9	Hemozoin (Malarial Pigment) Directly Promotes Apoptosis of Erythroid Precursors. PLoS ONE, 2009, 4, e8446.	1.1	77
10	Functional profiles of orphan membrane transporters in the life cycle of the malaria parasite. Nature Communications, 2016, 7, 10519.	5.8	72
11	Expansion of experimental genetics approaches for Plasmodium berghei with versatile transfection vectors. Molecular and Biochemical Parasitology, 2012, 185, 19-26.	0.5	68
12	Plasmodium post-genomics: better the bug you know?. Nature Reviews Microbiology, 2006, 4, 344-357.	13.6	66
13	Two putative protein export regulators promote Plasmodium blood stage development in vivo. Molecular and Biochemical Parasitology, 2013, 191, 44-52.	0.5	66
14	Antimalarial pantothenamide metabolites target acetylâ€“coenzyme A biosynthesis in Plasmodium falciparum. Science Translational Medicine, 2019, 11, .	5.8	59
15	Composition and stage dynamics of mitochondrial complexes in Plasmodium falciparum. Nature Communications, 2021, 12, 3820.	5.8	54
16	Inactivation of a Plasmodium apicoplast protein attenuates formation of liver merozoites. Molecular Microbiology, 2011, 81, 1511-1525.	1.2	48
17	The Plasmodium berghei translocon of exported proteins reveals spatiotemporal dynamics of tubular extensions. Scientific Reports, 2015, 5, 12532.	1.6	41
18	Flow cytometry-assisted rapid isolation of recombinant Plasmodium berghei parasites exemplified by functional analysis of aquaglyceroporin. International Journal for Parasitology, 2012, 42, 1185-1192.	1.3	40

#	Article	IF	Citations
19	In Vivo Function of PTEX88 in Malaria Parasite Sequestration and Virulence. Eukaryotic Cell, 2015, 14, 528-534.	3.4	40
20	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. Scientific Reports, 2018, 8, 410.	1.6	39
21	CRISPR/Cas9-engineered inducible gametocyte producer lines as a valuable tool for Plasmodium falciparum malaria transmission research. Nature Communications, 2021, 12, 4806.	5.8	32
22	Towards genome-wide experimental genetics in thein vivomalaria model parasitePlasmodium berghei. Pathogens and Global Health, 2015, 109, 46-60.	1.0	30
23	Identification of Vital and Dispensable Sulfur Utilization Factors in the Plasmodium Apicoplast. PLoS ONE, 2014, 9, e89718.	1.1	29
24	An Unusual Prohibitin Regulates Malaria Parasite Mitochondrial Membrane Potential. Cell Reports, 2018, 23, 756-767.	2.9	29
25	Evidence for the Specificity for Platelet HPA-1a Alloepitope and the Presenting HLA-DR52a of Diverse Antigen-Specific Helper T Cell Clones from Alloimmunized Mothers. Journal of Immunology, 2009, 183, 677-686.	0.4	27
26	CEDAR, an online resource for the reporting and exploration of complexome profiling data. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148411.	0.5	27
27	Plasmodium berghei Î±-tubulin II: A role in both male gamete formation and asexual blood stages. Molecular and Biochemical Parasitology, 2005, 144, 16-26.	0.5	26
28	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	1.8	26
29	Genetic crosses and complementation reveal essential functions for thePlasmodiumstage-specific actin2 in sporogonic development. Cellular Microbiology, 2014, 16, 751-767.	1.1	24
30	Triggers and tricks of Plasmodium sexual development. Current Opinion in Microbiology, 2007, 10, 547-553.	2.3	22
31	Chemical Attenuation of Plasmodium in the Liver Modulates Severe Malaria Disease Progression. Journal of Immunology, 2015, 194, 4860-4870.	0.4	22
32	Validation of Pyrosequencingâ„¢ for accurate and high throughput estimation of allele frequencies in malaria parasites. Molecular and Biochemical Parasitology, 2007, 152, 213-219.	0.5	21
33	Copperâ€transporting <scp>ATP</scp>ase is important for malaria parasite fertility. Molecular Microbiology, 2014, 91, 315-325.	1.2	21
34	Experimental Genetics of Plasmodium berghei NFU in the Apicoplast Iron-Sulfur Cluster Biogenesis Pathway. PLoS ONE, 2013, 8, e67269.	1.1	19
35	Organelle Dynamics in Apicomplexan Parasites. MBio, 2021, 12, e0140921.	1.8	19
36	Phylogenetic profiles of all membrane transport proteins of the malaria parasite highlight new drug targets. Microbial Cell, 2016, 3, 511-521.	1.4	18

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37	A Prioritized and Validated Resource of Mitochondrial Proteins in Plasmodium Identifies Unique Biology. MSphere, 2021, 6, e0061421.	1.3	16
38	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183. Nature Communications, 2022, 13, 2158.	5.8	13
39	Pantothenate and CoA biosynthesis in Apicomplexa and their promise as antiparasitic drug targets. PLoS Pathogens, 2021, 17, e1010124.	2.1	12
40	Signatures of malaria vaccine efficacy in ageing murine immune memory. Parasite Immunology, 2014, 36, 199-206.	0.7	11
41	Vital and dispensable roles of Plasmodium multidrug resistance transporters during bloodâ€•and mosquitoâ€stage development. Molecular Microbiology, 2016, 101, 78-91.	1.2	10
42	The PHIST protein GEXP02 targets the host cytoskeleton during sexual development of Plasmodium falciparum. Cellular Microbiology, 2020, 22, e13123.	1.1	9
43	Distinct adaptations of a gametocyte ABC transporter to murine and human Plasmodium parasites and its incompatibility in cross-species complementation. International Journal for Parasitology, 2020, 50, 511-522.	1.3	4