

# Taco W Kooij

## List of Publications by Year in descending order

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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	Preclinical characterization and target validation of the antimalarial pantothenamide MMV693183. <i>Nature Communications</i> , 2022, 13, 2158.	5.8	13
2	Composition and stage dynamics of mitochondrial complexes in <i>Plasmodium falciparum</i> . <i>Nature Communications</i> , 2021, 12, 3820.	5.8	54
3	CEDAR, an online resource for the reporting and exploration of complexome profiling data. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148411.	0.5	27
4	Organelle Dynamics in Apicomplexan Parasites. <i>MBio</i> , 2021, 12, e0140921.	1.8	19
5	CRISPR/Cas9-engineered inducible gametocyte producer lines as a valuable tool for <i>Plasmodium falciparum</i> malaria transmission research. <i>Nature Communications</i> , 2021, 12, 4806.	5.8	32
6	A Prioritized and Validated Resource of Mitochondrial Proteins in <i>Plasmodium</i> Identifies Unique Biology. <i>MSphere</i> , 2021, 6, e0061421.	1.3	16
7	Pantothenate and CoA biosynthesis in Apicomplexa and their promise as antiparasitic drug targets. <i>PLoS Pathogens</i> , 2021, 17, e1010124.	2.1	12
8	The PHIST protein GEXPO2 targets the host cytoskeleton during sexual development of <i>Plasmodium falciparum</i> . <i>Cellular Microbiology</i> , 2020, 22, e13123.	1.1	9
9	How the COVID-19 pandemic highlights the necessity of animal research. <i>Current Biology</i> , 2020, 30, R1014-R1018.	1.8	26
10	Distinct adaptations of a gametocyte ABC transporter to murine and human <i>Plasmodium</i> parasites and its incompatibility in cross-species complementation. <i>International Journal for Parasitology</i> , 2020, 50, 511-522.	1.3	4
11	Antimalarial pantothenamide metabolites target acetyl-coenzyme A biosynthesis in <i>Plasmodium falciparum</i> . <i>Science Translational Medicine</i> , 2019, 11, .	5.8	59
12	An Unusual Prohibitin Regulates Malaria Parasite Mitochondrial Membrane Potential. <i>Cell Reports</i> , 2018, 23, 756-767.	2.9	29
13	Probabilistic data integration identifies reliable gametocyte-specific proteins and transcripts in malaria parasites. <i>Scientific Reports</i> , 2018, 8, 410.	1.6	39
14	Vital and dispensable roles of <i>Plasmodium</i> multidrug resistance transporters during blood and mosquito stage development. <i>Molecular Microbiology</i> , 2016, 101, 78-91.	1.2	10
15	Functional profiles of orphan membrane transporters in the life cycle of the malaria parasite. <i>Nature Communications</i> , 2016, 7, 10519.	5.8	72
16	Phylogenetic profiles of all membrane transport proteins of the malaria parasite highlight new drug targets. <i>Microbial Cell</i> , 2016, 3, 511-521.	1.4	18
17	The <i>Plasmodium berghei</i> translocon of exported proteins reveals spatiotemporal dynamics of tubular extensions. <i>Scientific Reports</i> , 2015, 5, 12532.	1.6	41
18	<i>In Vivo</i> Function of PTEX88 in Malaria Parasite Sequestration and Virulence. <i>Eukaryotic Cell</i> , 2015, 14, 528-534.	3.4	40

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19	Towards genome-wide experimental genetics in the <i>in vivo</i> malaria model parasite <i>Plasmodium berghei</i> . <i>Pathogens and Global Health</i> , 2015, 109, 46-60.	1.0	30
20	Chemical Attenuation of <i>Plasmodium</i> in the Liver Modulates Severe Malaria Disease Progression. <i>Journal of Immunology</i> , 2015, 194, 4860-4870.	0.4	22
21	Identification of Vital and Dispensable Sulfur Utilization Factors in the <i>Plasmodium</i> Apicoplast. <i>PLoS ONE</i> , 2014, 9, e89718.	1.1	29
22	Copper-transporting ATPase is important for malaria parasite fertility. <i>Molecular Microbiology</i> , 2014, 91, 315-325.	1.2	21
23	Genetic crosses and complementation reveal essential functions for the <i>Plasmodium</i> stage-specific actin2 in sporogonic development. <i>Cellular Microbiology</i> , 2014, 16, 751-767.	1.1	24
24	Signatures of malaria vaccine efficacy in ageing murine immune memory. <i>Parasite Immunology</i> , 2014, 36, 199-206.	0.7	11
25	Two putative protein export regulators promote <i>Plasmodium</i> blood stage development <i>in vivo</i> . <i>Molecular and Biochemical Parasitology</i> , 2013, 191, 44-52.	0.5	66
26	Experimental Genetics of <i>Plasmodium berghei</i> NFU in the Apicoplast Iron-Sulfur Cluster Biogenesis Pathway. <i>PLoS ONE</i> , 2013, 8, e67269.	1.1	19
27	Flow cytometry-assisted rapid isolation of recombinant <i>Plasmodium berghei</i> parasites exemplified by functional analysis of aquaglyceroporin. <i>International Journal for Parasitology</i> , 2012, 42, 1185-1192.	1.3	40
28	Expansion of experimental genetics approaches for <i>Plasmodium berghei</i> with versatile transfection vectors. <i>Molecular and Biochemical Parasitology</i> , 2012, 185, 19-26.	0.5	68
29	Critical role for a stage-specific actin in male exflagellation of the malaria parasite. <i>Cellular Microbiology</i> , 2011, 13, 1714-1730.	1.1	79
30	Inactivation of a <i>Plasmodium</i> apicoplast protein attenuates formation of liver merozoites. <i>Molecular Microbiology</i> , 2011, 81, 1511-1525.	1.2	48
31	Hemozoin (Malarial Pigment) Directly Promotes Apoptosis of Erythroid Precursors. <i>PLoS ONE</i> , 2009, 4, e8446.	1.1	77
32	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. <i>Journal of Immunology</i> , 2009, 183, 677-686.	0.4	27
33	An Unusual ERAD-Like Complex Is Targeted to the Apicoplast of <i>Plasmodium falciparum</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1134-1145.	3.4	136
34	Comparative genomics of the neglected human malaria parasite <i>Plasmodium vivax</i> . <i>Nature</i> , 2008, 455, 757-763.	13.7	756
35	The Malaria Secretome: From Algorithms to Essential Function in Blood Stage Infection. <i>PLoS Pathogens</i> , 2008, 4, e1000084.	2.1	133
36	Triggers and tricks of <i>Plasmodium</i> sexual development. <i>Current Opinion in Microbiology</i> , 2007, 10, 547-553.	2.3	22

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37	Validation of Pyrosequencing <sup>â„¢</sup> for accurate and high throughput estimation of allele frequencies in malaria parasites. <i>Molecular and Biochemical Parasitology</i> , 2007, 152, 213-219.	0.5	21
38	Plasmodium post-genomics: better the bug you know?. <i>Nature Reviews Microbiology</i> , 2006, 4, 344-357.	13.6	66
39	Plasmodium berghei Î±-tubulin II: A role in both male gamete formation and asexual blood stages. <i>Molecular and Biochemical Parasitology</i> , 2005, 144, 16-26.	0.5	26
40	A Plasmodium Whole-Genome Synteny Map: Indels and Synteny Breakpoints as Foci for Species-Specific Genes. <i>PLoS Pathogens</i> , 2005, 1, e44.	2.1	131
41	A Comprehensive Survey of the Plasmodium Life Cycle by Genomic, Transcriptomic, and Proteomic Analyses. <i>Science</i> , 2005, 307, 82-86.	6.0	743
42	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. <i>Nature</i> , 2002, 419, 512-519.	13.7	666
43	Ratio-fluorescence microscopy of lipid oxidation in living cells using C11-BODIPY581/591. <i>FEBS Letters</i> , 1999, 453, 278-282.	1.3	268