

# Matthijs M Jore

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

6,203  
citations

361413

20  
h-index

477307

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

4951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small CRISPR RNAs Guide Antiviral Defense in Prokaryotes. <i>Science</i> , 2008, 321, 960-964.	12.6	2,138
2	Interference by clustered regularly interspaced short palindromic repeat (CRISPR) RNA is governed by a seed sequence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10098-10103.	7.1	665
3	Structural basis for CRISPR RNA-guided DNA recognition by Cascade. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 529-536.	8.2	498
4	CRISPR Immunity Relies on the Consecutive Binding and Degradation of Negatively Supercoiled Invader DNA by Cascade and Cas3. <i>Molecular Cell</i> , 2012, 46, 595-605.	9.7	475
5	CRISPR-based adaptive and heritable immunity in prokaryotes. <i>Trends in Biochemical Sciences</i> , 2009, 34, 401-407.	7.5	453
6	DNA-guided DNA interference by a prokaryotic Argonaute. <i>Nature</i> , 2014, 507, 258-261.	27.8	373
7	Structures of the RNA-guided surveillance complex from a bacterial immune system. <i>Nature</i> , 2011, 477, 486-489.	27.8	355
8	The CRISPRs, They Are A-Changin': How Prokaryotes Generate Adaptive Immunity. <i>Annual Review of Genetics</i> , 2012, 46, 311-339.	7.6	260
9	H $\alpha$ -mediated repression of CRISPR-based immunity in <i>Escherichia coli</i> K12 can be relieved by the transcription activator LeuO. <i>Molecular Microbiology</i> , 2010, 77, 1380-1393.	2.5	220
10	Structural basis for therapeutic inhibition of complement C5. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 378-386.	8.2	94
11	Unravelling the immune signature of <i>Plasmodium falciparum</i> transmission-reducing immunity. <i>Nature Communications</i> , 2018, 9, 558.	12.8	83
12	Towards clinical development of a Pf48/45-based transmission blocking malaria vaccine. <i>Expert Review of Vaccines</i> , 2017, 16, 329-336.	4.4	79
13	RNA in Defense: CRISPRs Protect Prokaryotes against Mobile Genetic Elements. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a003657-a003657.	5.5	76
14	Native Tandem and Ion Mobility Mass Spectrometry Highlight Structural and Modular Similarities in Clustered-Regularly-Interspaced Short-Palindromic-Repeats (CRISPR)-associated Protein Complexes From <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> . <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1430-1441.	3.8	74
15	Immunity against sexual stage <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> parasites. <i>Immunological Reviews</i> , 2020, 293, 190-215.	6.0	62
16	Pfs230 and Pfs48/45 Fusion Proteins Elicit Strong Transmission-Blocking Antibody Responses Against <i>Plasmodium falciparum</i> . <i>Frontiers in Immunology</i> , 2019, 10, 1256.	4.8	51
17	Structural delineation of potent transmission-blocking epitope I on malaria antigen Pfs48/45. <i>Nature Communications</i> , 2018, 9, 4458.	12.8	48
18	Structural basis for recognition of the malaria vaccine candidate Pfs48/45 by a transmission blocking antibody. <i>Nature Communications</i> , 2018, 9, 3822.	12.8	39

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19	Naturally acquired immunity against immature <i>Plasmodium falciparum</i> gametocytes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
20	An inhibitor of complement C5 provides structural insights into activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 362-370.	7.1	27
21	Monoclonal antibodies block transmission of genetically diverse <i>Plasmodium falciparum</i> strains to mosquitoes. <i>Npj Vaccines</i> , 2021, 6, 101.	6.0	24
22	A Reproducible and Scalable Process for Manufacturing a Pfs48/45 Based <i>Plasmodium falciparum</i> Transmission-Blocking Vaccine. <i>Frontiers in Immunology</i> , 2020, 11, 606266.	4.8	17
23	Preclinical development of a Pfs230-Pfs48/45 chimeric malaria transmission-blocking vaccine. <i>Npj Vaccines</i> , 2021, 6, 120.	6.0	14
24	Structure and function of a family of tick-derived complement inhibitors targeting properdin. <i>Nature Communications</i> , 2022, 13, 317.	12.8	8
25	Expression of full-length <i>Plasmodium falciparum</i> P48/45 in <i>P. berghei</i> blood stages: A method to express and evaluate vaccine antigens. <i>Molecular and Biochemical Parasitology</i> , 2018, 224, 44-49.	1.1	6
26	Antibody Therapy Goes to Insects: Monoclonal Antibodies Can Block <i>Plasmodium</i> Transmission to Mosquitoes. <i>Trends in Parasitology</i> , 2020, 36, 880-883.	3.3	6
27	Prokaryotic Argonautes – variations on the RNA interference theme. <i>Microbial Cell</i> , 2014, 1, 158-159.	3.2	5
28	Human antibodies against noncircumsporozoite proteins block <i>Plasmodium falciparum</i> parasite development in hepatocytes. <i>JCI Insight</i> , 2022, 7, .	5.0	5
29	Heterologous Expression and Evaluation of Novel <i>Plasmodium falciparum</i> Transmission Blocking Vaccine Candidates. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5
30	Structural and functional insights into properdin of the complement alternative pathway. <i>Immunobiology</i> , 2016, 221, 1225.	1.9	0
31	RNA   Small RNAs in Bacteria. , 2021, , 580-586.		0