

# Mariana De Niz

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,343  
citations

394421

19  
h-index

395702

33  
g-index

151  
all docs

151  
docs citations

151  
times ranked

2092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysophosphatidylcholine Regulates Sexual Stage Differentiation in the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Cell</i> , 2017, 171, 1532-1544.e15.	28.9	259
2	Long-term live imaging reveals cytosolic immune responses of host hepatocytes against <i>Plasmodium</i> infection and parasite escape mechanisms. <i>Autophagy</i> , 2015, 11, 1561-1579.	9.1	110
3	A functional microengineered model of the human splenon-on-a-chip. <i>Lab on A Chip</i> , 2014, 14, 1715-1724.	6.0	85
4	Apoptosis-Associated Speck-like Protein Containing a Caspase Recruitment Domain Inflammasomes Mediate IL-1 $\beta$ Response and Host Resistance to <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2013, 191, 3373-3383.	0.8	83
5	<i>Plasmodium</i> gametocytes display homing and vascular transmigration in the host bone marrow. <i>Science Advances</i> , 2018, 4, eaat3775.	10.3	72
6	The machinery underlying malaria parasite virulence is conserved between rodent and human malaria parasites. <i>Nature Communications</i> , 2016, 7, 11659.	12.8	61
7	An ultrasensitive NanoLuc-based luminescence system for monitoring <i>Plasmodium berghei</i> throughout its life cycle. <i>Malaria Journal</i> , 2016, 15, 232.	2.3	54
8	Probing <i>Plasmodium falciparum</i> sexual commitment at the single-cell level. <i>Wellcome Open Research</i> , 2018, 3, 70.	1.8	50
9	Tissue tropism in parasitic diseases. <i>Open Biology</i> , 2019, 9, 190036.	3.6	49
10	Rodent malaria models: insights into human disease and parasite biology. <i>Current Opinion in Microbiology</i> , 2018, 46, 93-101.	5.1	45
11	Progress in imaging methods: insights gained into <i>Plasmodium</i> biology. <i>Nature Reviews Microbiology</i> , 2017, 15, 37-54.	28.6	41
12	Shedding of host autophagic proteins from the parasitophorous vacuolar membrane of <i>Plasmodium berghei</i> . <i>Scientific Reports</i> , 2017, 7, 2191.	3.3	36
13	Intravital imaging of host-parasite interactions in skin and adipose tissues. <i>Cellular Microbiology</i> , 2019, 21, e13023.	2.1	32
14	Naturally acquired immunity against immature <i>Plasmodium falciparum</i> gametocytes. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	31
15	N6-methyladenosine in poly(A) tails stabilize VSG transcripts. <i>Nature</i> , 2022, 604, 362-370.	27.8	30
16	Tools for mass screening of G6PD deficiency: validation of the WST8/1-methoxy-PMS enzymatic assay in Uganda. <i>Malaria Journal</i> , 2013, 12, 210.	2.3	29
17	Quantitative Proteomic Profiling Reveals Novel <i>Plasmodium falciparum</i> Surface Antigens and Possible Vaccine Candidates. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 43-60.	3.8	29
18	High resolution microscopy reveals an unusual architecture of the <i>Plasmodium berghei</i> endoplasmic reticulum. <i>Molecular Microbiology</i> , 2016, 102, 775-791.	2.5	27

#	ARTICLE	IF	CITATIONS
19	Organotypic endothelial adhesion molecules are key for <i>Trypanosoma brucei</i> tropism and virulence. <i>Cell Reports</i> , 2021, 36, 109741.	6.4	27
20	Probing <i>Plasmodium falciparum</i> sexual commitment at the single-cell level. <i>Wellcome Open Research</i> , 2018, 3, 70.	1.8	25
21	In Vivo and In Vitro Characterization of a <i>Plasmodium</i> Liver Stage-Specific Promoter. <i>PLoS ONE</i> , 2015, 10, e0123473.	2.5	18
22	Probing <i>Plasmodium falciparum</i> sexual commitment at the single-cell level. <i>Wellcome Open Research</i> , 0, 3, 70.	1.8	17
23	A single rapamycin dose protects against late-stage experimental cerebral malaria via modulation of host immunity, endothelial activation and parasite sequestration. <i>Malaria Journal</i> , 2017, 16, 455.	2.3	15
24	Intravital microscopy: Imaging host-parasite interactions in the brain. <i>Cellular Microbiology</i> , 2019, 21, e13024.	2.1	15
25	Hijacking of the host cell Golgi by <i>Plasmodium berghei</i> liver stage parasites. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	15
26	Imaging of the spleen in malaria. <i>Parasitology International</i> , 2014, 63, 195-205.	1.3	13
27	Toolbox for In Vivo Imaging of Host-Parasite Interactions at Multiple Scales. <i>Trends in Parasitology</i> , 2019, 35, 193-212.	3.3	12
28	Intravital microscopy: Imaging host-parasite interactions in lymphoid organs. <i>Cellular Microbiology</i> , 2019, 21, e13117.	2.1	10
29	3D imaging of undissected optically cleared <i>Anopheles stephensi</i> mosquitoes and midguts infected with <i>Plasmodium</i> parasites. <i>PLoS ONE</i> , 2020, 15, e0238134.	2.5	8
30	Intravital imaging of host-parasite interactions in organs of the thoracic and abdominopelvic cavities. <i>Cellular Microbiology</i> , 2020, 22, e13201.	2.1	7
31	Developing a xenograft model of human vasculature in the mouse ear pinna. <i>Scientific Reports</i> , 2020, 10, 2058.	3.3	6
32	Generation of transgenic rodent malaria parasites by transfection of cell culture-derived merozoites. <i>Malaria Journal</i> , 2017, 16, 305.	2.3	4
33	Adipose tissue parasite sequestration drives leptin production in mice and correlates with human cerebral malaria. <i>Science Advances</i> , 2021, 7, .	10.3	4
34	Immunopathology and <i>Trypanosoma congolense</i> parasite sequestration cause acute cerebral trypanosomiasis. <i>ELife</i> , 0, 11, .	6.0	4
35	Paving the Way: Contributions of Big Data to Apicomplexan and Kinetoplastid Research. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	2
36	Surgical and intravital microscopy protocol to image <i>Trypanosoma brucei</i> -host interactions in live rodent models. <i>STAR Protocols</i> , 2022, 3, 101450.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Mass screening tools for glucose-6-phosphate dehydrogenase deficiency: validation of the WST8/1-methoxy-PMS enzymatic assay in a highly malaria-endemic area in Uganda. Malaria Journal, 2012, 11, .	2.3	0
38	Title is missing!. , 2020, 15, e0238134.		0
39	Title is missing!. , 2020, 15, e0238134.		0
40	Title is missing!. , 2020, 15, e0238134.		0
41	Title is missing!. , 2020, 15, e0238134.		0