

# Mariane B Melo

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,095  
citations

236925

25  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticulate STING agonists are potent lymph node-targeted vaccine adjuvants. <i>Journal of Clinical Investigation</i> , 2015, 125, 2532-2546.	8.2	306
2	Slow Delivery Immunization Enhances HIV Neutralizing Antibody and Germinal Center Responses via Modulation of Immunodominance. <i>Cell</i> , 2019, 177, 1153-1171.e28.	28.9	293
3	Sustained antigen availability during germinal center initiation enhances antibody responses to vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6639-E6648.	7.1	286
4	Dual Role for Inflammasome Sensors NLRP1 and NLRP3 in Murine Resistance to <i>Toxoplasma gondii</i> . <i>MBio</i> , 2014, 5, .	4.1	244
5	The Rhoptry Proteins ROP18 and ROP5 Mediate <i>Toxoplasma gondii</i> Evasion of the Murine, But Not the Human, Interferon-Gamma Response. <i>PLoS Pathogens</i> , 2012, 8, e1002784.	4.7	222
6	<i>Toxoplasma gondii</i> effectors are master regulators of the inflammatory response. <i>Trends in Parasitology</i> , 2011, 27, 487-495.	3.3	187
7	Engineered immunogen binding to alum adjuvant enhances humoral immunity. <i>Nature Medicine</i> , 2020, 26, 430-440.	30.7	172
8	Combined Action of Nucleic Acid-Sensing Toll-like Receptors and TLR11/TLR12 Heterodimers Imparts Resistance to <i>Toxoplasma gondii</i> in Mice. <i>Cell Host and Microbe</i> , 2013, 13, 42-53.	11.0	166
9	The endless race between <i>Trypanosoma cruzi</i> and host immunity: lessons for and beyond Chagas disease. <i>Expert Reviews in Molecular Medicine</i> , 2010, 12, e29.	3.9	158
10	Transcriptional Analysis of Murine Macrophages Infected with Different <i>Toxoplasma</i> Strains Identifies Novel Regulation of Host Signaling Pathways. <i>PLoS Pathogens</i> , 2013, 9, e1003779.	4.7	111
11	Admixture and recombination among <i>Toxoplasma gondii</i> lineages explain global genome diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13458-13463.	7.1	83
12	<i>Toxoplasma gondii</i> Superinfection and Virulence during Secondary Infection Correlate with the Exact ROP5/ROP18 Allelic Combination. <i>MBio</i> , 2015, 6, e02280.	4.1	78
13	Recruitment and Endo-Lysosomal Activation of TLR9 in Dendritic Cells Infected with <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2008, 181, 1333-1344.	0.8	74
14	Enhancing Humoral Responses Against HIV Envelope Trimers via Nanoparticle Delivery with Stabilized Synthetic Liposomes. <i>Scientific Reports</i> , 2018, 8, 16527.	3.3	69
15	Requirement of UNC93B1 Reveals a Critical Role for TLR7 in Host Resistance to Primary Infection with <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2011, 187, 1903-1911.	0.8	67
16	Targeting small molecule drugs to T cells with antibody-directed cell-penetrating gold nanoparticles. <i>Biomaterials Science</i> , 2019, 7, 113-124.	5.4	67
17	Genetic basis for phenotypic differences between different <i>Toxoplasma gondii</i> type I strains. <i>BMC Genomics</i> , 2013, 14, 467.	2.8	63
18	A particulate saponin/TLR agonist vaccine adjuvant alters lymph flow and modulates adaptive immunity. <i>Science Immunology</i> , 2021, 6, eabf1152.	11.9	63

#	ARTICLE	IF	CITATIONS
19	UNC93B1 Mediates Host Resistance to Infection with <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001071.	4.7	59
20	Enhancement of Peptide Vaccine Immunogenicity by Increasing Lymphatic Drainage and Boosting Serum Stability. <i>Cancer Immunology Research</i> , 2018, 6, 1025-1038.	3.4	58
21	Immunogenicity of RNA Replicons Encoding HIV Env Immunogens Designed for Self-Assembly into Nanoparticles. <i>Molecular Therapy</i> , 2019, 27, 2080-2090.	8.2	58
22	Intratumorally injected alum-tethered cytokines elicit potent and safer local and systemic anticancer immunity. <i>Nature Biomedical Engineering</i> , 2022, 6, 129-143.	22.5	56
23	Regulatory T cells engineered with TCR signaling-responsive IL-2 nanogels suppress alloimmunity in sites of antigen encounter. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	39
24	De novo reconstruction of the <i>Toxoplasma gondii</i> transcriptome improves on the current genome annotation and reveals alternatively spliced transcripts and putative long non-coding RNAs. <i>BMC Genomics</i> , 2012, 13, 696.	2.8	38
25	Disassembly of HIV envelope glycoprotein trimer immunogens is driven by antibodies elicited via immunization. <i>Science Advances</i> , 2021, 7, .	10.3	37
26	Combined PET and whole-tissue imaging of lymphatic-targeting vaccines in non-human primates. <i>Biomaterials</i> , 2021, 275, 120868.	11.4	16
27	IgG-Engineered Protective Antigen for Cytosolic Delivery of Proteins into Cancer Cells. <i>ACS Central Science</i> , 2021, 7, 365-378.	11.3	8
28	Co-Anchoring of Engineered Immunogen and Immunostimulatory Cytokines to Alum Promotes Enhanced Humoral Immunity. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	3