

# Ameya Sinha

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functional Characterization of the m <sup>6</sup> A-Dependent Translational Modulator PfYTH.2 in the Human Malaria Parasite. MBio, 2021, 12, .	4.1	11
2	Plasmodium vivax binds host CD98hc (SLC3A2) to enter immature red blood cells. Nature Microbiology, 2021, 6, 991-999.	13.3	26
3	Malaria Parasite Stress Tolerance Is Regulated by DNMT2-Mediated tRNA Cytosine Methylation. MBio, 2021, 12, e0255821.	4.1	18
4	Discovery of a new predominant cytosine DNA modification that is linked to gene expression in malaria parasites. Nucleic Acids Research, 2020, 48, 184-199.	14.5	24
5	Hydrogen Sulfide Sensitizes Acinetobacter baumannii to Killing by Antibiotics. Frontiers in Microbiology, 2020, 11, 1875.	3.5	18
6	Exploring the virulence gene interactome with CRISPR-dCas9 in the human malaria parasite. Molecular Systems Biology, 2020, 16, e9569.	7.2	32
7	Transcriptome-wide dynamics of extensive m <sup>6</sup> A mRNA methylation during Plasmodium falciparum blood-stage development. Nature Microbiology, 2019, 4, 2246-2259.	13.3	66
8	Targeted Phenotypic Screening in Plasmodium falciparum and Toxoplasma gondii Reveals Novel Modes of Action of Medicines for Malaria Venture Malaria Box Molecules. MSphere, 2018, 3, .	2.9	30
9	Quantitative mass spectrometry of human reticulocytes reveal proteome-wide modifications during maturation. British Journal of Haematology, 2018, 180, 118-133.	2.5	40
10	tRNA epitranscriptomics and biased codon are linked to proteome expression in Plasmodium falciparum. Molecular Systems Biology, 2018, 14, e8009.	7.2	34
11	P. falciparum RH5-Basigin interaction induces changes in the cytoskeleton of the host RBC. Cellular Microbiology, 2017, 19, e12747.	2.1	36
12	Modulation of the Vault Protein-Protein Interaction for Tuning of Molecular Release. Scientific Reports, 2017, 7, 14816.	3.3	8
13	Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3300-3306.	2.2	27
14	Single-cell evaluation of red blood cell bio-mechanical and nano-structural alterations upon chemically induced oxidative stress. Scientific Reports, 2015, 5, 9768.	3.3	78
15	Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. Organic and Biomolecular Chemistry, 2015, 13, 10681-10690.	2.8	9