

Ameya Sinha

List of Publications by Year in descending order

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15
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Single-cell evaluation of red blood cell bio-mechanical and nano-structural alterations upon chemically induced oxidative stress. <i>Scientific Reports</i> , 2015, 5, 9768. | 3.3 | 78 |
| 2 | Transcriptome-wide dynamics of extensive m6A mRNA methylation during <i>Plasmodium falciparum</i> blood-stage development. <i>Nature Microbiology</i> , 2019, 4, 2246-2259. | 13.3 | 66 |
| 3 | Quantitative mass spectrometry of human reticulocytes reveal proteome-wide modifications during maturation. <i>British Journal of Haematology</i> , 2018, 180, 118-133. | 2.5 | 40 |
| 4 | <i>P. falciparum</i> RH5-Basigin interaction induces changes in the cytoskeleton of the host RBC. <i>Cellular Microbiology</i> , 2017, 19, e12747. | 2.1 | 36 |
| 5 | tRNA epitranscriptomics and biased codon are linked to proteome expression in <i>Plasmodium falciparum</i> . <i>Molecular Systems Biology</i> , 2018, 14, e8009. | 7.2 | 34 |
| 6 | Exploring the virulence gene interactome with CRISPR-dCas9 in the human malaria parasite. <i>Molecular Systems Biology</i> , 2020, 16, e9569. | 7.2 | 32 |
| 7 | Targeted Phenotypic Screening in <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> Reveals Novel Modes of Action of Medicines for Malaria Venture Malaria Box Molecules. <i>MSphere</i> , 2018, 3, . | 2.9 | 30 |
| 8 | Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3300-3306. | 2.2 | 27 |
| 9 | <i>Plasmodium vivax</i> binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , 2021, 6, 991-999. | 13.3 | 26 |
| 10 | Discovery of a new predominant cytosine DNA modification that is linked to gene expression in malaria parasites. <i>Nucleic Acids Research</i> , 2020, 48, 184-199. | 14.5 | 24 |
| 11 | Hydrogen Sulfide Sensitizes <i>Acinetobacter baumannii</i> to Killing by Antibiotics. <i>Frontiers in Microbiology</i> , 2020, 11, 1875. | 3.5 | 18 |
| 12 | Malaria Parasite Stress Tolerance Is Regulated by DNMT2-Mediated tRNA Cytosine Methylation. <i>MBio</i> , 2021, 12, e0255821. | 4.1 | 18 |
| 13 | Functional Characterization of the m ⁶ A-Dependent Translational Modulator PfYTH.2 in the Human Malaria Parasite. <i>MBio</i> , 2021, 12, . | 4.1 | 11 |
| 14 | Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10681-10690. | 2.8 | 9 |
| 15 | Modulation of the Vault Protein-Protein Interaction for Tuning of Molecular Release. <i>Scientific Reports</i> , 2017, 7, 14816. | 3.3 | 8 |