

Swamy Rakesh Adapa

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,435
citations

759233

12
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering the essential genes of the human malaria parasite <i>Plasmodium falciparum</i> by saturation mutagenesis. <i>Science</i> , 2018, 360, .	12.6	687
2	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
3	A comprehensive model for assessment of liver stage therapies targeting <i>Plasmodium vivax</i> and <i>Plasmodium falciparum</i> . <i>Nature Communications</i> , 2018, 9, 1837.	12.8	136
4	Malaria infected red blood cells release small regulatory RNAs through extracellular vesicles. <i>Scientific Reports</i> , 2018, 8, 884.	3.3	60
5	Unraveling the <i>Plasmodium vivax</i> sporozoite transcriptional journey from mosquito vector to human host. <i>Scientific Reports</i> , 2018, 8, 12183.	3.3	40
6	Altered expression of K13 disrupts DNA replication and repair in <i>Plasmodium falciparum</i> . <i>BMC Genomics</i> , 2018, 19, 849.	2.8	31
7	Characterization and modeling of process parameters on tensile strength of short and randomly oriented <i>Borassus Flabellifer</i> (Asian Palmyra) fiber reinforced composite. <i>Composites Part B: Engineering</i> , 2013, 55, 479-485.	12.0	29
8	The apicoplast link to fever-survival and artemisinin-resistance in the malaria parasite. <i>Nature Communications</i> , 2021, 12, 4563.	12.8	26
9	In-depth phenotypic characterization of reticulocyte maturation using mass cytometry. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 72, 22-33.	1.4	25
10	A unique GCN5 histone acetyltransferase complex controls erythrocyte invasion and virulence in the malaria parasite <i>Plasmodium falciparum</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009351.	4.7	24
11	Influence of <i>Plasmodium falciparum</i> Calcium-Dependent Protein Kinase 5 (PfCDPK5) on the Late Schizont Stage Phosphoproteome. <i>MSphere</i> , 2020, 5, .	2.9	16
12	An adaptable soft-mold embossing process for fabricating optically-accessible, microfeature-based culture systems and application toward liver stage antimalarial compound testing. <i>Lab on A Chip</i> , 2020, 20, 1124-1139.	6.0	15
13	<i>Plasmodium vivax</i> readiness to transmit: implication for malaria eradication. <i>BMC Systems Biology</i> , 2019, 13, 5.	3.0	14
14	Phenotypic and molecular analysis of the effect of 20-hydroxyecdysone on the human filarial parasite <i>Brugia malayi</i> . <i>International Journal for Parasitology</i> , 2016, 46, 333-341.	3.1	12
15	Iron Hack - A symposium/hackathon focused on porphyrias, Friedreich's ataxia, and other rare iron-related diseases. <i>F1000Research</i> , 2019, 8, 1135.	1.6	11
16	Subcellular and in-vivo Nano-Endoscopy. <i>Scientific Reports</i> , 2016, 6, 34400.	3.3	9
17	Punctuated chromatin states regulate <i>Plasmodium falciparum</i> antigenic variation at the intron and 2 kb upstream regions. <i>BMC Genomics</i> , 2016, 17, 652.	2.8	5
18	The human malaria parasite genome is configured into thousands of coexpressed linear regulatory units. <i>Journal of Genetics and Genomics</i> , 2020, 47, 513-521.	3.9	2

#	ARTICLE	IF	CITATIONS
19	False Alarms in Consumer Genomics Add to Public Fear and Potential Health Care Burden. Journal of Personalized Medicine, 2020, 10, 187.	2.5	1
20	Uncovering host-microbiome interactions in global systems with collaborative programming: a novel approach integrating social and data sciences. F1000Research, 0, 9, 1478.	1.6	0