Krishanpal Karmodiya

List of Publications by Year
in descending order

38 papers	1,469 citations	516710 16 h-index	330143 37 g-index
45 all docs	45 docs citations	45 times ranked	2823 citing authors

#	Article	IF	Citations
1	Identification of Co-Existing Mutations and Gene Expression Trends Associated With K13-Mediated Artemisinin Resistance in Plasmodium falciparum. Frontiers in Genetics, 2022, 13, 824483.	2.3	7
2	Chromodomain Protein Interacts with H3K9me3 and Controls RBC Rosette Formation by Regulating the Expression of a Subset of RIFINs in the Malaria Parasite. Journal of Molecular Biology, 2022, 434, 167601.	4.2	2
3	Autophagy Underlies the Proteostasis Mechanisms of Artemisinin Resistance in P. falciparum Malaria. MBio, 2022, 13, e0063022.	4.1	9
4	Pervasive sequence-level variation in the transcriptome of Plasmodium falciparum. NAR Genomics and Bioinformatics, 2022, 4, lqac036.	3.2	3
5	Histone acetyltransferase PfGCN5 regulates stress responsive and artemisinin resistance related genes in Plasmodium falciparum. Scientific Reports, 2021, 11, 852.	3.3	16
6	Dynamic association of the H3K64 trimethylation mark with genes encoding exported proteins in Plasmodium falciparum. Journal of Biological Chemistry, 2021, 296, 100614.	3.4	5
7	Effect of climate change and deforestation on vector borne diseases in the North-Eastern Indian State of Mizoram bordering Myanmar. The Journal of Climate Change and Health, 2021, 2, 100015.	2.7	12
8	Analysis of drug resistance marker genes of Plasmodium falciparum after implementation of artemisinin-based combination therapy in Pune district, India. Journal of Biosciences, 2021, 46, 1.	1.1	2
9	Single-Cell RNA Sequencing Reveals Cellular Heterogeneity and Stage Transition under Temperature Stress in Synchronized Plasmodium falciparum Cells. Microbiology Spectrum, 2021, 9, e0000821.	3.0	16
10	Nup93 and CTCF modulate spatiotemporal dynamics and function of the HOXA gene locus during differentiation. Journal of Cell Science, 2021, 134, .	2.0	10
11	Role of PfGCN5 in nutrient sensing and transcriptional regulation in Plasmodium falciparum. Journal of Biosciences, 2020, 45, 1.	1.1	9
12	Origin of RNA Polymerase II pause in eumetazoans: Insights from Hydra. Journal of Biosciences, 2020, 45, 1.	1.1	2
13	Role of PfGCN5 in nutrient sensing and transcriptional regulation in. Journal of Biosciences, 2020, 45, .	1.1	2
14	Epigenetics in infectious disease. , 2019, , 171-201.		1
15	Peroxidation of 2-oxindole and barbituric acid derivatives under batch and continuous flow using an eco-friendly ethyl acetate solvent. Reaction Chemistry and Engineering, 2019, 4, 1277-1283.	3.7	15
16	Genomeâ€wide survey and phylogenetic analysis of histone acetyltransferases and histone deacetylases of Plasmodium falciparum. FEBS Journal, 2018, 285, 1767-1782.	4.7	38
17	Isolation and structure elucidation of halymeniaol, a new antimalarial sterol derivative from the red alga Halymenia floresii. Journal of Asian Natural Products Research, 2018, 20, 391-398.	1.4	13
18	Ru-Catalyzed dehydrogenative synthesis of antimalarial arylidene oxindoles. Organic and Biomolecular Chemistry, 2018, 16, 7223-7229.	2.8	8

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19	Dmrt5, a Novel Neurogenic Factor, Reciprocally Regulates Lhx2 to Control the Neuronâ€“Glia Cell-Fate Switch in the Developing Hippocampus. Journal of Neuroscience, 2017, 37, 11245-11254.	3.6	28
20	Genome-wide identification of novel intergenic enhancer-like elements: implications in the regulation of transcription in Plasmodium falciparum. BMC Genomics, 2017, 18, 656.	2.8	10
21	Plasmodium falciparum epigenome: A distinct dynamic epigenetic regulation of gene expression. Genomics Data, 2016, 7, 79-81.	1.3	4
22	HOXA repression is mediated by nucleoporin Nup93 assisted by its interactors Nup188 and Nup205. Epigenetics and Chromatin, 2016, 9, 54.	3.9	46
23	A comprehensive epigenome map of Plasmodium falciparum reveals unique mechanisms of transcriptional regulation and identifies H3K36me2 as a global mark of gene suppression. Epigenetics and Chromatin, 2015, 8, 32.	3.9	55
24	Camello, a novel family of Histone Acetyltransferases that acetylate histone H4 and is essential for zebrafish development. Scientific Reports, 2014, 4, 6076.	3.3	30
25	H3K9 and H3K14 acetylation co-occur at many gene regulatory elements, while H3K14ac marks a subset of inactive inducible promoters in mouse embryonic stem cells. BMC Genomics, 2012, 13, 424.	2.8	409
26	SAGA and ATAC Histone Acetyl Transferase Complexes Regulate Distinct Sets of Genes and ATAC Defines a Class of p300-Independent Enhancers. Molecular Cell, 2011, 44, 410-423.	9.7	106
27	The Tightly Controlled Deubiquitination Activity of the Human SAGA Complex Differentially Modifies Distinct Gene Regulatory Elements. Molecular and Cellular Biology, 2011, 31, 3734-3744.	2.3	113
28	ATAC and Mediator coactivators form a stable complex and regulate a set of nonâ€coding RNA genes. EMBO Reports, 2010, 11, 541-547.	4.5	44
29	A unique and differential effect of denaturants on cofactor mediated activation of Plasmodium falciparum Î²â€ketoacylâ€ACP reductase. Proteins: Structure, Function and Bioinformatics, 2008, 70, 528-538.	2.6	5
30	Synthesis and exploration of novel curcumin analogues as anti-malarial agents. Bioorganic and Medicinal Chemistry, 2008, 16, 2894-2902.	3.0	129
31	Design, synthesis, and application of novel triclosan prodrugs as potential antimalarial and antibacterial agents. Bioorganic and Medicinal Chemistry, 2008, 16, 5536-5546.	3.0	20
32	Deciphering the key residues in Plasmodiumâ€ƒfalciparumÎ²â€ketoacyl acyl carrier protein reductase responsible for interactions with Plasmodiumâ€ƒfalciparum acyl carrier protein. FEBS Journal, 2008, 275, 4756-4766.	4.7	5
33	15-Deoxyspergualin Primarily Targets the Trafficking of Apicoplast Proteins in Plasmodium falciparum. Journal of Biological Chemistry, 2007, 282, 6388-6397.	3.4	44
34	Inhibitors of Nonhousekeeping Functions of the Apicoplast Defy Delayed Death in Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2007, 51, 307-316.	3.2	79
35	Mass Spectrometry-Based Systems Approach for Identification of Inhibitors of Plasmodium falciparum Fatty Acid Synthase. Antimicrobial Agents and Chemotherapy, 2007, 51, 2552-2558.	3.2	26
36	Discovery of a Rhodanine Class of Compounds as Inhibitors ofPlasmodium falciparumEnoyl-Acyl Carrier Protein Reductase. Journal of Medicinal Chemistry, 2007, 50, 2665-2675.	6.4	95

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37	Analyses of co-operative transitions in Plasmodium falciparumÎ²-ketoacyl acyl carrier protein reductase upon co-factor and acyl carrier protein binding. FEBS Journal, 2006, 273, 4093-4103.	4.7	24
38	Production and purification of refolded recombinant Plasmodium falciparum Î²-ketoacyl-ACP reductase from inclusion bodies. Protein Expression and Purification, 2005, 42, 131-136.	1.3	4