

Dhanasekaran Shanmugam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3995696/publications.pdf>

Version: 2024-02-01

35
papers

1,983
citations

471509

17
h-index

345221

36
g-index

43
all docs

43
docs citations

43
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Using OrthoMCL to Assign Proteins to OrthoMCL-DB Groups or to Cluster Proteomes Into New Ortholog Groups. <i>Current Protocols in Bioinformatics</i> , 2011, 35, Unit 6.12.1-19.	25.8	397
2	Genomic-scale prioritization of drug targets: the TDR Targets database. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 900-907.	46.4	282
3	Comparative Genomics of the Apicomplexan Parasites <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> : Coccidia Differing in Host Range and Transmission Strategy. <i>PLoS Pathogens</i> , 2012, 8, e1002567.	4.7	206
4	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. <i>ELife</i> , 2015, 4, e06974.	6.0	198
5	Identification of Attractive Drug Targets in Neglected-Disease Pathogens Using an In Silico Approach. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e804.	3.0	141
6	TDR Targets: a chemogenomics resource for neglected diseases. <i>Nucleic Acids Research</i> , 2012, 40, D1118-D1127.	14.5	109
7	Comparative genomics of the pathogenic ciliate <i>Ichthyophthirius multifiliis</i> , its free-living relatives and a host species provide insights into adoption of a parasitic lifestyle and prospects for disease control. <i>Genome Biology</i> , 2011, 12, R100.	9.6	102
8	The search for the missing link: A relic plastid in <i>Perkinsus</i> ?. <i>International Journal for Parasitology</i> , 2011, 41, 1217-1229.	3.1	63
9	A novel multifunctional oligonucleotide microarray for <i>Toxoplasma gondii</i> . <i>BMC Genomics</i> , 2010, 11, 603.	2.8	57
10	Glycolysis is important for optimal asexual growth and formation of mature tissue cysts by <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2018, 48, 955-968.	3.1	45
11	Highly diverged novel subunit composition of apicomplexan F-type ATP synthase identified from <i>Toxoplasma gondii</i> . <i>PLoS Biology</i> , 2018, 16, e2006128.	5.6	45
12	Specific Stereoisomeric Conformations Determine the Drug Potency of Cladosporin Scaffold against Malarial Parasite. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5664-5678.	6.4	41
13	Plastid-associated Porphobilinogen Synthase from <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 22122-22131.	3.4	30
14	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
15	TDR Targets 6: driving drug discovery for human pathogens through intensive chemogenomic data integration. <i>Nucleic Acids Research</i> , 2020, 48, D992-D1005.	14.5	26
16	Antitumor Effects of Ir(III)-2-Hydroxy-Indazole Complexes for Triple Negative Breast Cancer. <i>Inorganic Chemistry</i> , 2021, 60, 17593-17607.	4.0	23
17	Crystal Structure of <i>Toxoplasma gondii</i> Porphobilinogen Synthase. <i>Journal of Biological Chemistry</i> , 2011, 286, 15298-15307.	3.4	21
18	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021, 10, .	6.0	21

#	ARTICLE	IF	CITATIONS
19	Iron superoxide dismutases in eukaryotic pathogens: new insights from Apicomplexa and Trypanosoma structures. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 615-621.	0.8	18
20	Investigation of phosphoproteome in RAGE signaling. Proteomics, 2015, 15, 245-259.	2.2	16
21	Structural insights into the unique inhibitory mechanism of Kunitz type trypsin inhibitor from <i>Cicer arietinum</i> L. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2669-2677.	3.5	15
22	CSGID Solves Structures and Identifies Phenotypes for Five Enzymes in Toxoplasma gondii. Frontiers in Cellular and Infection Microbiology, 2018, 8, 352.	3.9	14
23	Evaluating antimalarial efficacy by tracking glycolysis in Plasmodium falciparum using NMR spectroscopy. Scientific Reports, 2018, 8, 18076.	3.3	12
24	Whole-Cell Phenotypic Screening of Medicines for Malaria Venture Pathogen Box Identifies Specific Inhibitors of <i>Plasmodium falciparum</i> Late-Stage Development and Egress. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	10
25	Distinct metabolic states of a cell guide alternate fates of mutational buffering through altered proteostasis. Nature Communications, 2020, 11, 2926.	12.8	10
26	Chronic systemic exposure to IL6 leads to deregulation of glycolysis and fat accumulation in the zebrafish liver. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158905.	2.4	10
27	Efforts To Access the Potent Antitrypanosomal Marine Natural Product Janadolide: Synthesis of Des-tert-butyl Janadolide and Its Biological Evaluation. ACS Omega, 2018, 3, 2383-2389.	3.5	7
28	Approach to nigericin derivatives and their therapeutic potential. RSC Advances, 2020, 10, 43085-43091.	3.6	5
29	Influence of domestication on specialized metabolic pathways in fruit crops. Planta, 2021, 253, 61.	3.2	4
30	Leucas mollissima, a Source of Bioactive Compounds with Antimalarial and Antimycobacterium Activities. Planta Medica Letters, 2015, 2, e35-e38.	0.2	3
31	Demystifying a hexuronic acid ligand that recognizes Toxoplasma gondii and blocks its invasion into host cells. Organic and Biomolecular Chemistry, 2019, 17, 4535-4542.	2.8	3
32	Mitochondrial cytochrome oxidase C subunit III (cox3) gene as a sensitive and specific target for molecular detection of Babesia gibsoni infection in dogs. Experimental Parasitology, 2019, 206, 107771.	1.2	2
33	Synthesis and Biological Evaluation of Hoshionolactam-Based Compounds. European Journal of Organic Chemistry, 2021, 2021, 2212-2218.	2.4	2
34	Conserved RNA Binding Activity of Phosphatidylinositol 5-Phosphate 4-Kinase (PIP4K2A). Frontiers in Molecular Biosciences, 2021, 8, 631281.	3.5	2
35	Designing and implementing chemoinformatic approaches in TDR Targets Database: linking genes to chemical compounds in tropical disease causing pathogens. BMC Bioinformatics, 2010, 11, .	2.6	1