

# Paul H Davis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2646576/publications.pdf>

Version: 2024-02-01

40  
papers

1,746  
citations

516710

16  
h-index

315739

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical genetics of <i>Plasmodium falciparum</i> . <i>Nature</i> , 2010, 465, 311-315.	27.8	515
2	Integrative Genomic Approaches Highlight a Family of Parasite-Specific Kinases that Regulate Host Responses. <i>Cell Host and Microbe</i> , 2010, 8, 208-218.	11.0	238
3	Apicomplexan Parasites Co-Opt Host Calpains to Facilitate Their Escape from Infected Cells. <i>Science</i> , 2009, 324, 794-797.	12.6	138
4	Comparative proteomic analysis of two <i>Entamoeba histolytica</i> strains with different virulence phenotypes identifies peroxiredoxin as an important component of amoebic virulence. <i>Molecular Microbiology</i> , 2006, 61, 1523-1532.	2.5	97
5	Transcriptomic comparison of two <i>Entamoeba histolytica</i> strains with defined virulence phenotypes identifies new virulence factor candidates and key differences in the expression patterns of cysteine proteases, lectin light chains, and calmodulin. <i>Molecular and Biochemical Parasitology</i> , 2007, 151, 118-128.	1.1	83
6	Clinically Available Medicines Demonstrating Anti-Toxoplasma Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7161-7169.	3.2	83
7	A novel multifunctional oligonucleotide microarray for <i>Toxoplasma gondii</i> . <i>BMC Genomics</i> , 2010, 11, 603.	2.8	57
8	Toxoplasma on the Brain: Understanding Host-Pathogen Interactions in Chronic CNS Infection. <i>Journal of Parasitology Research</i> , 2012, 2012, 1-10.	1.2	55
9	Characterization of the Asian Citrus Psyllid Transcriptome. <i>Journal of Genomics</i> , 2014, 2, 54-58.	0.9	48
10	Differences in the transcriptome signatures of two genetically related <i>Entamoeba histolytica</i> cell lines derived from the same isolate with different pathogenic properties. <i>BMC Genomics</i> , 2010, 11, 63.	2.8	47
11	Identification of a family of BspA like surface proteins of <i>Entamoeba histolytica</i> with novel leucine rich repeats. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 111-116.	1.1	39
12	Review of Experimental Compounds Demonstrating Anti-Toxoplasma Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 7017-7034.	3.2	34
13	Proteomic Comparison of <i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> and the Role of <i>E. histolytica</i> Alcohol Dehydrogenase 3 in Virulence. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e415.	3.0	32
14	Breaking the species barrier: use of SCID mouse-human chimeras for the study of human infectious diseases. <i>Cellular Microbiology</i> , 2003, 5, 849-860.	2.1	29
15	Targeted Disruption of <i>Toxoplasma gondii</i> Serine Protease Inhibitor 1 Increases Bradyzoite Cyst Formation <i>In Vitro</i> and Parasite Tissue Burden in Mice. <i>Infection and Immunity</i> , 2012, 80, 1156-1165.	2.2	27
16	Systematic review and meta-analysis of variation in <i>Toxoplasma gondii</i> cyst burden in the murine model. <i>Experimental Parasitology</i> , 2019, 196, 55-62.	1.2	20
17	Structure-Activity Relationship of Antischistosomal Ozonide Carboxylic Acids. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3723-3736.	6.4	19
18	Design, Assessment, and in vivo Evaluation of a Computational Model Illustrating the Role of CAV1 in CD4+ T-lymphocytes. <i>Frontiers in Immunology</i> , 2014, 5, 599.	4.8	16

#	ARTICLE	IF	CITATIONS
19	Co-ordinate but disproportionate activation of apoptotic, regenerative and inflammatory pathways characterizes the liver response to acute amebic infection. <i>Cellular Microbiology</i> , 2006, 8, 508-522.	2.1	15
20	An insertional trap for conditional gene expression in <i>Toxoplasma gondii</i> : Identification of TAF250 as an essential gene. <i>Molecular and Biochemical Parasitology</i> , 2011, 175, 133-143.	1.1	15
21	Estimating Bacterial Diversity in <i>Scirtothrips dorsalis</i> (Thysanoptera: Thripidae) via Next Generation Sequencing. <i>Florida Entomologist</i> , 2014, 97, 362-366.	0.5	15
22	A novel method for simulating insulin mediated GLUT4 translocation. <i>Biotechnology and Bioengineering</i> , 2014, 111, 2454-2465.	3.3	15
23	Progress in antischistosomal N,N <sup>ε</sup> -diaryl urea SAR. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 244-248.	2.2	14
24	<i>De novo</i> Assembly and Analysis of the Northern Leopard Frog <i>Rana pipiens</i> Transcriptome. <i>Journal of Genomics</i> , 2014, 2, 141-149.	0.9	13
25	<i>De novo</i> Assembly of the Burying Beetle <i>Nicrophorus orbicollis</i> (Coleoptera: Silphidae) Transcriptome Across Developmental Stages with Identification of Key Immune Transcripts. <i>Journal of Genomics</i> , 2018, 6, 41-52.	0.9	13
26	Estimating Gene Signals From Noisy Microarray Images. <i>IEEE Transactions on Nanobioscience</i> , 2008, 7, 142-153.	3.3	10
27	Stochastic Simulation of Cellular Metabolism. <i>IEEE Access</i> , 2020, 8, 79734-79744.	4.2	8
28	Neurological and Neurobehavioral Disorders Associated with <i>Toxoplasma gondii</i> Infection in Humans. <i>Journal of Parasitology Research</i> , 2021, 2021, 1-18.	1.2	8
29	<i>De novo</i> Assembly and Analysis of the Chilean Pencil Catfish <i>Trichomycterus areolatus</i> Transcriptome. <i>Journal of Genomics</i> , 2016, 4, 29-41.	0.9	7
30	Review of DNA Vaccine Approaches Against the Parasite <i>Toxoplasma gondii</i> . <i>Journal of Parasitology</i> , 2021, 107, 882-903.	0.7	7
31	Derivatives of a benzoquinone acyl hydrazone with activity against <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 488-492.	3.4	6
32	Detection of Intestinal Pathogens in River, Shore, and Drinking Water in Lima, Peru. <i>Journal of Genomics</i> , 2017, 5, 4-11.	0.9	5
33	On a Queueing Theory Method to Simulate In-Silico Metabolic Networks. <i>Current Metabolomics</i> , 2018, 6, .	0.5	4
34	Assessment of Gene Expression Biomarkers in the Chilean Pencil Catfish, <i>Trichomycterus areolatus</i> , from the Choapa River Basin, Coquimbo Chile. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 137-148.	4.1	4
35	Analogues of Marinopyrrole A Show Enhancement to Observed <i>In Vitro</i> Potency against Acute <i>Toxoplasma gondii</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0079421.	3.2	4
36	Diaryl Ureas as an Antiprotozoal Chemotype. <i>ACS Infectious Diseases</i> , 2021, 7, 1578-1583.	3.8	2

#	ARTICLE	IF	CITATIONS
37	A new chemotype with promise against <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126778.	2.2	1
38	Activity of diphenyl ether benzyl amines against Human African Trypanosomiasis. <i>Bioorganic Chemistry</i> , 2020, 97, 103590.	4.1	1
39	In Vitro Selection Implicates ROP1 as a Resistance Gene for an Experimental Therapeutic Benzoquinone Acyl Hydrazone in <i>Toxoplasma gondii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	0
40	Mouse splenocyte enrichment strategies via negative selection for broadened single-cell transcriptomics. <i>STAR Protocols</i> , 2022, 3, 101402.	1.2	0