

Upinder Singh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7482402/upinder-singh-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

3,418
citations

30
h-index

57
g-index

188
ext. papers

4,384
ext. citations

7.3
avg, IF

5.24
L-index

#	Paper	IF	Citations
91	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005 , 433, 865-8	50.4	701
90	Distinct distal gut microbiome diversity and composition in healthy children from Bangladesh and the United States. <i>PLoS ONE</i> , 2013 , 8, e53838	3.7	224
89	<i>Toxoplasma gondii</i> asexual development: identification of developmentally regulated genes and distinct patterns of gene expression. <i>Eukaryotic Cell</i> , 2002 , 1, 329-40		149
88	Impact of intestinal colonization and invasion on the <i>Entamoeba histolytica</i> transcriptome. <i>Molecular and Biochemical Parasitology</i> , 2006 , 147, 163-76	1.9	143
87	Genetic analysis of tachyzoite to bradyzoite differentiation mutants in <i>Toxoplasma gondii</i> reveals a hierarchy of gene induction. <i>Molecular Microbiology</i> , 2002 , 44, 721-33	4.1	120
86	Proinflammatory IgG Fc structures in patients with severe COVID-19. <i>Nature Immunology</i> , 2021 , 22, 67-73	9.1	116
85	Identification of developmentally regulated genes in <i>Entamoeba histolytica</i> : insights into mechanisms of stage conversion in a protozoan parasite. <i>Cellular Microbiology</i> , 2007 , 9, 1426-44	3.9	111
84	Identification of differentially expressed genes in virulent and nonvirulent <i>Entamoeba</i> species: potential implications for amebic pathogenesis. <i>Infection and Immunity</i> , 2006 , 74, 340-51	3.7	108
83	<i>Entamoeba histolytica</i> modulates a complex repertoire of novel genes in response to oxidative and nitrosative stresses: implications for amebic pathogenesis. <i>Cellular Microbiology</i> , 2009 , 11, 51-69	3.9	88
82	An <i>Entamoeba histolytica</i> rhomboid protease with atypical specificity cleaves a surface lectin involved in phagocytosis and immune evasion. <i>Genes and Development</i> , 2008 , 22, 1636-46	12.6	76
81	The genome and transcriptome of the enteric parasite <i>Entamoeba invadens</i> , a model for encystation. <i>Genome Biology</i> , 2013 , 14, R77	18.3	68
80	Identification and characterization of differentiation mutants in the protozoan parasite <i>Toxoplasma gondii</i> . <i>Molecular Microbiology</i> , 2002 , 44, 735-47	4.1	66
79	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021 , 12, 5417	17.4	65
78	Downregulation of an <i>Entamoeba histolytica</i> rhomboid protease reveals roles in regulating parasite adhesion and phagocytosis. <i>Eukaryotic Cell</i> , 2010 , 9, 1283-93		59
77	Small RNAs with 5' polyphosphate termini associate with a Piwi-related protein and regulate gene expression in the single-celled eukaryote <i>Entamoeba histolytica</i> . <i>PLoS Pathogens</i> , 2008 , 4, e1000219	7.6	54
76	Interferon- γ Release Assay for Accurate Detection of Severe Acute Respiratory Syndrome Coronavirus 2 T-Cell Response. <i>Clinical Infectious Diseases</i> , 2021 , 73, e3130-e3132	11.6	52
75	Identification of an <i>Entamoeba histolytica</i> serine-, threonine-, and isoleucine-rich protein with roles in adhesion and cytotoxicity. <i>Eukaryotic Cell</i> , 2007 , 6, 2139-46		50

74	Peginterferon Lambda-1a for treatment of outpatients with uncomplicated COVID-19: a randomized placebo-controlled trial. <i>Nature Communications</i> , 2021 , 12, 1967	17.4	49
73	Robust gene silencing mediated by antisense small RNAs in the pathogenic protist <i>Entamoeba histolytica</i> . <i>Nucleic Acids Research</i> , 2013 , 41, 9424-37	20.1	48
72	Comparative genomic hybridizations of <i>Entamoeba</i> strains reveal unique genetic fingerprints that correlate with virulence. <i>Eukaryotic Cell</i> , 2005 , 4, 504-15		47
71	Patients With Uncomplicated Coronavirus Disease 2019 (COVID-19) Have Long-Term Persistent Symptoms and Functional Impairment Similar to Patients with Severe COVID-19: A Cautionary Tale During a Global Pandemic. <i>Clinical Infectious Diseases</i> , 2021 , 73, e826-e829	11.6	47
70	Nucleus-localized antisense small RNAs with 5' polyphosphate termini regulate long term transcriptional gene silencing in <i>Entamoeba histolytica</i> G3 strain. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44467-79	5.4	43
69	A detoxifying oxygen reductase in the anaerobic protozoan <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 1112-8		42
68	A developmentally regulated Myb domain protein regulates expression of a subset of stage-specific genes in <i>Entamoeba histolytica</i> . <i>Cellular Microbiology</i> , 2009 , 11, 898-910	3.9	41
67	Oxidative stress resistance genes contribute to the pathogenic potential of the anaerobic protozoan parasite, <i>Entamoeba histolytica</i> . <i>International Journal for Parasitology</i> , 2012 , 42, 1007-15	4.3	40
66	New insights into <i>Entamoeba histolytica</i> pathogenesis. <i>Current Opinion in Infectious Diseases</i> , 2008 , 21, 489-94	5.4	38
65	Trichostatin A effects on gene expression in the protozoan parasite <i>Entamoeba histolytica</i> . <i>BMC Genomics</i> , 2007 , 8, 216	4.5	38
64	Short hairpin RNA-mediated knockdown of protein expression in <i>Entamoeba histolytica</i> . <i>BMC Microbiology</i> , 2009 , 9, 38	4.5	35
63	Regulation of H ₂ O ₂ stress-responsive genes through a novel transcription factor in the protozoan pathogen <i>Entamoeba histolytica</i> . <i>Journal of Biological Chemistry</i> , 2013 , 288, 4462-74	5.4	34
62	Growth of the protozoan parasite <i>Entamoeba histolytica</i> in 5-azacytidine has limited effects on parasite gene expression. <i>BMC Genomics</i> , 2007 , 8, 7	4.5	34
61	Identification of putative transcriptional regulatory networks in <i>Entamoeba histolytica</i> using Bayesian inference. <i>Nucleic Acids Research</i> , 2007 , 35, 2141-52	20.1	30
60	Transcriptional profiling of <i>Entamoeba histolytica</i> trophozoites. <i>International Journal for Parasitology</i> , 2005 , 35, 533-42	4.3	29
59	Dimethylated H3K27 Is a Repressive Epigenetic Histone Mark in the Protist <i>Entamoeba histolytica</i> and Is Significantly Enriched in Genes Silenced via the RNAi Pathway. <i>Journal of Biological Chemistry</i> , 2015 , 290, 21114-21130	5.4	27
58	RNA interference in <i>Entamoeba histolytica</i> : implications for parasite biology and gene silencing. <i>Future Microbiology</i> , 2011 , 6, 103-17	2.9	27
57	Coding and noncoding genomic regions of <i>Entamoeba histolytica</i> have significantly different rates of sequence polymorphisms: implications for epidemiological studies. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4815-9	9.7	27

56	DNA microarrays in parasitology: strengths and limitations. <i>Trends in Parasitology</i> , 2003 , 19, 470-6	6.4	26
55	Antibodies elicited by SARS-CoV-2 infection or mRNA vaccines have reduced neutralizing activity against Beta and Omicron pseudoviruses.. <i>Science Translational Medicine</i> , 2022 , 14, eabn7842	17.5	26
54	Context-dependent roles of the <i>Entamoeba histolytica</i> core promoter element GAAC in transcriptional activation and protein complex assembly. <i>Molecular and Biochemical Parasitology</i> , 2002 , 120, 107-16	1.9	23
53	The novel core promoter element GAAC in the <i>hgl5</i> gene of <i>Entamoeba histolytica</i> is able to direct a transcription start site independent of TATA or initiator regions. <i>Journal of Biological Chemistry</i> , 1998 , 273, 21663-8	5.4	22
52	Small RNA pyrosequencing in the protozoan parasite <i>Entamoeba histolytica</i> reveals strain-specific small RNAs that target virulence genes. <i>BMC Genomics</i> , 2013 , 14, 53	4.5	21
51	High-Throughput Screening of Identifies Compounds Which Target Both Life Cycle Stages and Which Are Effective Against Metronidazole Resistant Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 276	5.9	21
50	Recent insights into <i>Entamoeba</i> development: identification of transcriptional networks associated with stage conversion. <i>International Journal for Parasitology</i> , 2009 , 39, 41-7	4.3	19
49	Functional characterization of spliceosomal introns and identification of U2, U4, and U5 snRNAs in the deep-branching eukaryote <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2007 , 6, 940-8		18
48	<i>Entamoeba histolytica</i> rhomboid protease 1 has a role in migration and motility as validated by two independent genetic approaches. <i>Experimental Parasitology</i> , 2015 , 154, 33-42	2.1	17
47	Transient and stable transfection in the protozoan parasite <i>Entamoeba invadens</i> . <i>Molecular and Biochemical Parasitology</i> , 2012 , 184, 59-62	1.9	16
46	<i>Entamoeba histolytica</i> : a snapshot of current research and methods for genetic analysis. <i>Current Opinion in Microbiology</i> , 2012 , 15, 469-75	7.9	15
45	Development of RNA Interference Trigger-Mediated Gene Silencing in <i>Entamoeba invadens</i> . <i>Infection and Immunity</i> , 2016 , 84, 964-975	3.7	13
44	Regulation of gene expression in the protozoan parasite <i>Entamoeba invadens</i> : identification of core promoter elements and promoters with stage-specific expression patterns. <i>International Journal for Parasitology</i> , 2014 , 44, 837-45	4.3	13
43	Genomic DNA microarrays for <i>Entamoeba histolytica</i> : applications for use in expression profiling and strain genotyping. <i>Experimental Parasitology</i> , 2005 , 110, 196-202	2.1	13
42	An NAD-dependent novel transcription factor controls stage conversion in. <i>ELife</i> , 2018 , 7,	8.9	13
41	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection.. <i>Med</i> , 2022 ,	31.7	13
40	Technical advances in trigger-induced RNA interference gene silencing in the parasite <i>Entamoeba histolytica</i> . <i>International Journal for Parasitology</i> , 2016 , 46, 205-212	4.3	12
39	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021 , 12, 5753	17.4	12

38	Identification of plicamycin, TG02, panobinostat, lestaurtinib, and GDC-0084 as promising compounds for the treatment of central nervous system infections caused by the free-living amebae Naegleria, Acanthamoeba and Balamuthia. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019 , 11, 80-94	4	11
37	Recent advances in biology: RNA interference, drug discovery, and gut microbiome. <i>F1000Research</i> , 2016 , 5, 2578	3.6	11
36	Loss of dsRNA-based gene silencing in <i>Entamoeba histolytica</i> : implications for approaches to genetic analysis. <i>Experimental Parasitology</i> , 2008 , 119, 296-300	2.1	10
35	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity.. <i>Science Translational Medicine</i> , 2022 , 14, eabm7853	17.5	10
34	RNAi pathway genes are resistant to small RNA mediated gene silencing in the protozoan parasite <i>Entamoeba histolytica</i> . <i>PLoS ONE</i> , 2014 , 9, e106477	3.7	10
33	Characterization of Extracellular Vesicles from <i>Entamoeba histolytica</i> Identifies Roles in Intercellular Communication That Regulates Parasite Growth and Development. <i>Infection and Immunity</i> , 2020 , 88,	3.7	10
32	SARS-CoV-2 Subgenomic RNA Kinetics in Longitudinal Clinical Samples. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab310	1	10
31	A Single RNaseIII Domain Protein from <i>Entamoeba histolytica</i> Has dsRNA Cleavage Activity and Can Help Mediate RNAi Gene Silencing in a Heterologous System. <i>PLoS ONE</i> , 2015 , 10, e0133740	3.7	9
30	Nuclear Factor Y (NF-Y) Modulates Encystation in via Stage-Specific Expression of the NF-YB and NF-YC Subunits. <i>MBio</i> , 2019 , 10,	7.8	8
29	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008150	4.8	8
28	Policy Recommendations for Optimizing the Infectious Diseases Physician-Scientist Workforce. <i>Journal of Infectious Diseases</i> , 2018 , 218, S49-S54	7	8
27	High Throughput Sequencing of <i>Entamoeba</i> 27nt Small RNA Population Reveals Role in Permanent Gene Silencing But No Effect on Regulating Gene Expression Changes during Stage Conversion, Oxidative, or Heat Shock Stress. <i>PLoS ONE</i> , 2015 , 10, e0134481	3.7	8
26	Enteric Amebiasis 2011 , 614-622		8
25	Approaches to characterizing <i>Entamoeba histolytica</i> transcriptional regulation. <i>Cellular Microbiology</i> , 2010 , 12, 1681-90	3.9	8
24	Destabilization domain approach adapted for regulated protein expression in the protozoan parasite <i>Entamoeba histolytica</i> . <i>International Journal for Parasitology</i> , 2014 , 44, 729-35	4.3	7
23	Functional Characterization of <i>Entamoeba histolytica</i> Argonaute Proteins Reveals a Repetitive DR-Rich Motif Region That Controls Nuclear Localization. <i>MSphere</i> , 2019 , 4,	5	6
22	Transcriptional regulatory networks in <i>Entamoeba histolytica</i> . <i>Current Drug Targets</i> , 2008 , 9, 931-7	3	5
21	The NAD Responsive Transcription Factor ERM-BP Functions Downstream of Cellular Aggregation and Is an Early Regulator of Development and Heat Shock Response in. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 363	5.9	4

20	Identification of oligo-adenylated small RNAs in the parasite <i>Entamoeba</i> and a potential role for small RNA control. <i>BMC Genomics</i> , 2020 , 21, 879	4.5	3
19	<i>Entamoeba</i> stage conversion: progress and new insights. <i>Current Opinion in Microbiology</i> , 2020 , 58, 62-68.9		3
18	Divergent early antibody responses define COVID-19 disease trajectories 2021 ,		3
17	Development of a CRISPR/Cas9 system in <i>Entamoeba histolytica</i> : proof of concept. <i>International Journal for Parasitology</i> , 2021 , 51, 193-200	4.3	3
16	DNA content analysis on microarrays. <i>Methods in Molecular Biology</i> , 2004 , 270, 237-48	1.4	2
15	Investigating amoebic pathogenesis using <i>Entamoeba histolytica</i> DNA microarrays. <i>Journal of Biosciences</i> , 2002 , 27, 595-601	2.3	2
14	Author response: An NAD ⁺ -dependent novel transcription factor controls stage conversion in <i>Entamoeba</i> 2018 ,		2
13	SARS-CoV-2 Neutralizing Monoclonal Antibodies for the Treatment of COVID-19 in Kidney Transplant Recipients.. <i>Kidney360</i> , 2022 , 3, 133-143	1.8	1
12	Inflammatory but not respiratory symptoms are associated with ongoing upper airway viral shedding in outpatients with uncomplicated COVID-19.. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 102, 115612	2.9	1
11	RISC in <i>Entamoeba histolytica</i> : Identification of a Protein-Protein Interaction Network for the RNA Interference Pathway in a Deep-Branching Eukaryote. <i>MBio</i> , 2021 , 12, e0154021	7.8	1
10	The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial. <i>Contemporary Clinical Trials</i> , 2021 , 108, 106509	2.3	1
9	TNF- α CD4 T α cells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.. <i>Cell Reports Medicine</i> , 2022 , 100640	18	1
8	Ponatinib, Lestaurtinib and mTOR/PI3K inhibitors are promising repurposing candidates against. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0120721	5.9	0
7	Variation in Severe Acute Respiratory Syndrome Coronavirus 2 Bioaerosol Production in Exhaled Breath.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofab600	1	0
6	Supporting Research Career Development of Physician-Scientists. <i>Journal of Infectious Diseases</i> , 2018 , 218, S36-S39	7	
5	Infectious Polymyositis491-494		
4	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
3	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		

- 2 Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity **2020**, 14, e0008150
- 1 Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity **2020**, 14, e0008150