

Upinder Singh

List of Publications by Year in Descending Order

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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	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity.. <i>Science Translational Medicine</i> , 2022 , 14, eabm7853	17.5	10
90	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
89	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
88	Variation in Severe Acute Respiratory Syndrome Coronavirus 2 Bioaerosol Production in Exhaled Breath.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofab600	1	0
87	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection.. <i>Med</i> , 2022 ,	31.7	13
86	TNF- α CD4 T 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
85	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
84	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
83	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
82	Divergent early antibody responses define COVID-19 disease trajectories 2021 ,		3
81	SARS-CoV-2 Subgenomic RNA Kinetics in Longitudinal Clinical Samples. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab310	1	10
80	Proinflammatory IgG Fc structures in patients with severe COVID-19. <i>Nature Immunology</i> , 2021 , 22, 67-73	9.1	116
79	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
78	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
77	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021 , 12, 5417	17.4	65
76	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
75	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

74	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021 , 12, 5753	17.4	12
73	Ponatinib, Lestaurtinib and mTOR/PI3K inhibitors are promising repurposing candidates against. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0120721	5.9	0
72	Identification of oligo-adenylated small RNAs in the parasite Entamoeba and a potential role for small RNA control. <i>BMC Genomics</i> , 2020 , 21, 879	4.5	3
71	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
70	Entamoeba stage conversion: progress and new insights. <i>Current Opinion in Microbiology</i> , 2020 , 58, 62-68	7.9	3
69	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
68	Characterization of Extracellular Vesicles from Entamoeba histolytica Identifies Roles in Intercellular Communication That Regulates Parasite Growth and Development. <i>Infection and Immunity</i> , 2020 , 88,	3.7	10
67	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
66	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
65	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
64	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity 2020 , 14, e0008150		
63	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
62	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
61	Functional Characterization of Entamoeba histolytica Argonaute Proteins Reveals a Repetitive DR-Rich Motif Region That Controls Nuclear Localization. <i>MSphere</i> , 2019 , 4,	5	6
60	Policy Recommendations for Optimizing the Infectious Diseases Physician-Scientist Workforce. <i>Journal of Infectious Diseases</i> , 2018 , 218, S49-S54	7	8
59	Supporting Research Career Development of Physician-Scientists. <i>Journal of Infectious Diseases</i> , 2018 , 218, S36-S39	7	
58	Author response: An NAD ⁺ -dependent novel transcription factor controls stage conversion in Entamoeba 2018 ,		2
57	An NAD-dependent novel transcription factor controls stage conversion in. <i>ELife</i> , 2018 , 7,	8.9	13

56	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
55	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
54	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
53	Recent advances in biology: RNA interference, drug discovery, and gut microbiome. <i>F1000Research</i> , 2016 , 5, 2578	3.6	11
52	<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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	A detoxifying oxygen reductase in the anaerobic protozoan <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 1112-8		42

38	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
37	<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
36	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
35	Enteric Amebiasis 2011 , 614-622		8
34	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
33	Approaches to characterizing <i>Entamoeba histolytica</i> transcriptional regulation. <i>Cellular Microbiology</i> , 2010 , 12, 1681-90	3.9	8
32	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
31	Short hairpin RNA-mediated knockdown of protein expression in <i>Entamoeba histolytica</i> . <i>BMC Microbiology</i> , 2009 , 9, 38	4.5	35
30	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
29	<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
28	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
27	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
26	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
25	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
24	New insights into <i>Entamoeba histolytica</i> pathogenesis. <i>Current Opinion in Infectious Diseases</i> , 2008 , 21, 489-94	5.4	38
23	Transcriptional regulatory networks in <i>Entamoeba histolytica</i> . <i>Current Drug Targets</i> , 2008 , 9, 931-7	3	5
22	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
21	Trichostatin A effects on gene expression in the protozoan parasite <i>Entamoeba histolytica</i> . <i>BMC Genomics</i> , 2007 , 8, 216	4.5	38

20	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
19	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
18	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
17	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
16	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
15	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
14	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005 , 433, 865-8	50.4	701
13	Transcriptional profiling of <i>Entamoeba histolytica</i> trophozoites. <i>International Journal for Parasitology</i> , 2005 , 35, 533-42	4.3	29
12	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
11	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
10	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
9	DNA content analysis on microarrays. <i>Methods in Molecular Biology</i> , 2004 , 270, 237-48	1.4	2
8	DNA microarrays in parasitology: strengths and limitations. <i>Trends in Parasitology</i> , 2003 , 19, 470-6	6.4	26
7	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
6	Investigating amoebic pathogenesis using <i>Entamoeba histolytica</i> DNA microarrays. <i>Journal of Biosciences</i> , 2002 , 27, 595-601	2.3	2
5	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
4	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
3	<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

- 2 The novel core promoter element GAAC in the hgl5 gene of *Entamoeba histolytica* is able to direct a transcription start site independent of TATA or initiator regions. *Journal of Biological Chemistry*, **1998**, 273, 21663-8 5.4 22
- 1 Infectious Polymyositis 491-494