

Upinder Singh

List of Publications by Year in descending order

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91
papers

4,973
citations

117625

34
h-index

98798

67
g-index

188
all docs

188
docs citations

188
times ranked

5175
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Neutralizing Monoclonal Antibodies for the Treatment of COVID-19 in Kidney Transplant Recipients. <i>Kidney360</i> , 2022, 3, 10.34067/KID.0005732021.	2.1	9
2	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> , 2022, 102, 115612.	1.8	3
3	Long-Term Accuracy of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Interferon- γ Release Assay and Its Application in Household Investigation. <i>Clinical Infectious Diseases</i> , 2022, 75, e314-e321.	5.8	14
4	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity. <i>Science Translational Medicine</i> , 2022, 14, eabm7853.	12.4	71
5	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.	12.4	92
6	Ponatinib, Lestaurtinib, and mTOR/PI3K Inhibitors Are Promising Repurposing Candidates against <i>Entamoeba histolytica</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0120721.	3.2	7
7	Variation in Severe Acute Respiratory Syndrome Coronavirus 2 Bioaerosol Production in Exhaled Breath. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab600.	0.9	3
8	Favipiravir for Treatment of Outpatients With Asymptomatic or Uncomplicated Coronavirus Disease 2019: A Double-Blind, Randomized, Placebo-Controlled, Phase 2 Trial. <i>Clinical Infectious Diseases</i> , 2022, 75, 1883-1892.	5.8	27
9	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection. <i>Med</i> , 2022, 3, 371-387.e9.	4.4	165
10	TNF- α + CD4+ T β 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, 3, 100640.	6.5	15
11	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.	5.8	114
12	Proinflammatory IgG Fc structures in patients with severe COVID-19. <i>Nature Immunology</i> , 2021, 22, 67-73.	14.5	239
13	Development of a CRISPR/Cas9 system in <i>Entamoeba histolytica</i> : proof of concept. <i>International Journal for Parasitology</i> , 2021, 51, 193-200.	3.1	7
14	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.	5.8	127
15	Peginterferon Lambda-1a for treatment of outpatients with uncomplicated COVID-19: a randomized placebo-controlled trial. <i>Nature Communications</i> , 2021, 12, 1967.	12.8	107
16	SARS-CoV-2 Subgenomic RNA Kinetics in Longitudinal Clinical Samples. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab310.	0.9	24
17	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021, 12, 5417.	12.8	286
18	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.	4.1	1

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19	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.	1.8	5
20	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021, 12, 5753.	12.8	32
21	Entamoeba stage conversion: progress and new insights. <i>Current Opinion in Microbiology</i> , 2020, 58, 62-68.	5.1	10
22	The NAD ⁺ Responsive Transcription Factor ERM-BP Functions Downstream of Cellular Aggregation and Is an Early Regulator of Development and Heat Shock Response in Entamoeba. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 363.	3.9	10
23	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, .	2.2	29
24	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.	2.8	6
25	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008150.	3.0	20
26	Title is missing!. , 2020, 14, e0008150.		0
27	Title is missing!. , 2020, 14, e0008150.		0
28	Title is missing!. , 2020, 14, e0008150.		0
29	Title is missing!. , 2020, 14, e0008150.		0
30	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.	3.4	18
31	Nuclear Factor Y (NF-Y) Modulates Encystation in Entamoeba via Stage-Specific Expression of the NF-YB and NF-YC Subunits. <i>MBio</i> , 2019, 10, .	4.1	17
32	Functional Characterization of Entamoeba histolytica Argonaute Proteins Reveals a Repetitive DR-Rich Motif Region That Controls Nuclear Localization. <i>MSphere</i> , 2019, 4, .	2.9	10
33	An NAD ⁺ -dependent novel transcription factor controls stage conversion in Entamoeba. <i>ELife</i> , 2018, 7, .	6.0	21
34	High-Throughput Screening of Entamoeba 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.	3.9	39
35	Policy Recommendations for Optimizing the Infectious Diseases Physician-Scientist Workforce. <i>Journal of Infectious Diseases</i> , 2018, 218, S49-S54.	4.0	13
36	Supporting Research Career Development of Physician-Scientists. <i>Journal of Infectious Diseases</i> , 2018, 218, S36-S39.	4.0	0

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37	Recent advances in Entamoeba biology: RNA interference, drug discovery, and gut microbiome. <i>F1000Research</i> , 2016, 5, 2578.	1.6	13
38	Technical advances in trigger-induced RNA interference gene silencing in the parasite Entamoeba histolytica. <i>International Journal for Parasitology</i> , 2016, 46, 205-212.	3.1	15
39	Development of RNA Interference Trigger-Mediated Gene Silencing in Entamoeba invadens. <i>Infection and Immunity</i> , 2016, 84, 964-975.	2.2	21
40	High Throughput Sequencing of Entamoeba 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.	2.5	12
41	Entamoeba histolytica 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.	1.2	22
42	Dimethylated H3K27 Is a Repressive Epigenetic Histone Mark in the Protist Entamoeba histolytica and Is Significantly Enriched in Genes Silenced via the RNAi Pathway. <i>Journal of Biological Chemistry</i> , 2015, 290, 21114-21130.	3.4	36
43	A Single RNaseIII Domain Protein from Entamoeba histolytica Has dsRNA Cleavage Activity and Can Help Mediate RNAi Gene Silencing in a Heterologous System. <i>PLoS ONE</i> , 2015, 10, e0133740.	2.5	10
44	Destabilization domain approach adapted for regulated protein expression in the protozoan parasite Entamoeba histolytica. <i>International Journal for Parasitology</i> , 2014, 44, 729-735.	3.1	7
45	Regulation of gene expression in the protozoan parasite Entamoeba invadens: identification of core promoter elements and promoters with stage-specific expression patterns. <i>International Journal for Parasitology</i> , 2014, 44, 837-845.	3.1	20
46	RNAi Pathway Genes Are Resistant to Small RNA Mediated Gene Silencing in the Protozoan Parasite Entamoeba histolytica. <i>PLoS ONE</i> , 2014, 9, e106477.	2.5	11
47	Small RNA pyrosequencing in the protozoan parasite Entamoeba histolytica reveals strain-specific small RNAs that target virulence genes. <i>BMC Genomics</i> , 2013, 14, 53.	2.8	27
48	The genome and transcriptome of the enteric parasite Entamoeba invadens, a model for encystation. <i>Genome Biology</i> , 2013, 14, R77.	9.6	111
49	Regulation of H2O2 Stress-responsive Genes through a Novel Transcription Factor in the Protozoan Pathogen Entamoeba histolytica. <i>Journal of Biological Chemistry</i> , 2013, 288, 4462-4474.	3.4	48
50	Robust gene silencing mediated by antisense small RNAs in the pathogenic protist Entamoeba histolytica. <i>Nucleic Acids Research</i> , 2013, 41, 9424-9437.	14.5	63
51	Distinct Distal Gut Microbiome Diversity and Composition in Healthy Children from Bangladesh and the United States. <i>PLoS ONE</i> , 2013, 8, e53838.	2.5	278
52	A Detoxifying Oxygen Reductase in the Anaerobic Protozoan Entamoeba histolytica. <i>Eukaryotic Cell</i> , 2012, 11, 1112-1118.	3.4	47
53	Oxidative stress resistance genes contribute to the pathogenic potential of the anaerobic protozoan parasite, Entamoeba histolytica. <i>International Journal for Parasitology</i> , 2012, 42, 1007-1015.	3.1	43
54	Entamoeba histolytica: a snapshot of current research and methods for genetic analysis. <i>Current Opinion in Microbiology</i> , 2012, 15, 469-475.	5.1	21

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55	Transient and stable transfection in the protozoan parasite <i>Entamoeba invadens</i> . <i>Molecular and Biochemical Parasitology</i> , 2012, 184, 59-62.	1.1	29
56	RNA interference in <i>Entamoeba histolytica</i> : implications for parasite biology and gene silencing. <i>Future Microbiology</i> , 2011, 6, 103-117.	2.0	31
57	Enteric Amebiasis. , 2011, , 614-622.		8
58	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, 44467-44479.	3.4	51
59	Approaches to characterizing <i>Entamoeba histolytica</i> transcriptional regulation. <i>Cellular Microbiology</i> , 2010, 12, 1681-1690.	2.1	8
60	Downregulation of an <i>Entamoeba histolytica</i> Rhomboid Protease Reveals Roles in Regulating Parasite Adhesion and Phagocytosis. <i>Eukaryotic Cell</i> , 2010, 9, 1283-1293.	3.4	65
61	Short hairpin RNA-mediated knockdown of protein expression in <i>Entamoeba histolytica</i> . <i>BMC Microbiology</i> , 2009, 9, 38.	3.3	39
62	Recent insights into <i>Entamoeba</i> development: Identification of transcriptional networks associated with stage conversion. <i>International Journal for Parasitology</i> , 2009, 39, 41-47.	3.1	23
63	<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.	2.1	102
64	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.	2.1	54
65	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.	1.2	11
66	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.	4.7	65
67	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, 1636-1646.	5.9	84
68	New insights into <i>Entamoeba histolytica</i> pathogenesis. <i>Current Opinion in Infectious Diseases</i> , 2008, 21, 489-494.	3.1	53
69	Transcriptional Regulatory Networks in <i>Entamoeba histolytica</i> . <i>Current Drug Targets</i> , 2008, 9, 931-937.	2.1	6
70	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, 2139-2146.	3.4	55
71	Identification of putative transcriptional regulatory networks in <i>Entamoeba histolytica</i> using Bayesian inference. <i>Nucleic Acids Research</i> , 2007, 35, 2141-2152.	14.5	40
72	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, 940-948.	3.4	24

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73	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, 1426-1444.	2.1	128
74	Trichostatin A effects on gene expression in the protozoan parasite <i>Entamoeba histolytica</i> . <i>BMC Genomics</i> , 2007, 8, 216.	2.8	41
75	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.	2.8	35
76	Impact of intestinal colonization and invasion on the <i>Entamoeba histolytica</i> transcriptome. <i>Molecular and Biochemical Parasitology</i> , 2006, 147, 163-176.	1.1	153
77	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, 340-351.	2.2	117
78	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005, 433, 865-868.	27.8	783
79	Transcriptional profiling of <i>Entamoeba histolytica</i> trophozoites. <i>International Journal for Parasitology</i> , 2005, 35, 533-542.	3.1	31
80	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.	1.2	13
81	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, 4815-4819.	3.9	28
82	Comparative Genomic Hybridizations of <i>Entamoeba</i> Strains Reveal Unique Genetic Fingerprints That Correlate with Virulence. <i>Eukaryotic Cell</i> , 2005, 4, 504-515.	3.4	50
83	DNA Content Analysis on Microarrays. , 2004, 270, 237-248.		2
84	DNA microarrays in parasitology: strengths and limitations. <i>Trends in Parasitology</i> , 2003, 19, 470-476.	3.3	27
85	<i>Toxoplasma gondii</i> Asexual Development: Identification of Developmentally Regulated Genes and Distinct Patterns of Gene Expression. <i>Eukaryotic Cell</i> , 2002, 1, 329-340.	3.4	196
86	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, 107-116.	1.1	23
87	Investigating amoebic pathogenesis using <i>Entamoeba histolytica</i> DNA microarrays. <i>Journal of Biosciences</i> , 2002, 27, 595-601.	1.1	2
88	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, 721-733.	2.5	127
89	Identification and characterization of differentiation mutants in the protozoan parasite <i>Toxoplasma gondii</i> . <i>Molecular Microbiology</i> , 2002, 44, 735-747.	2.5	68
90	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, 21663-21668.	3.4	26

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91	Infectious Polymyositis. , 0, , 491-494.		0