Serge Ankri

List of Publications by Year in Descending Order

62 papers	2,266 citations	24 h-index	47 g-index
68 ext. papers	2,530 ext. citations	5.2 avg, IF	4.9 L-index

#	Paper	IF	Citations
62	Are Metabolites From the Gut Microbiota Capable of Regulating Epigenetic Mechanisms in the Human Parasite ?. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 841586	5.7	0
61	Insights into the Mechanisms of Lactobacillus acidophilus Activity against Entamoeba histolytica by Using Thiol Redox Proteomics. *Antioxidants*, **2022**, 11, 814	7.1	0
60	-Gut Microbiota Interaction: More Than Meets the Eye. *Microorganisms*, **2021**, 9,	4.9	3
59	Queuine Is a Nutritional Regulator of Entamoeba histolytica Response to Oxidative Stress and a Virulence Attenuator. *MBio*, **2021**, 12,	7.8	5
58	Adaption to Auranofin: A Phenotypic and Multi-Omics Characterization. *Antioxidants*, **2021**, 10,	7.1	2
57	Formation of oxidised (OX) proteins in Entamoeba histolytica exposed to auranofin and consequences on the parasite virulence. *Cellular Microbiology*, **2020**, 22, e13174	3.9	6
56	Integrative Omics Analysis of the Effect of Bacteria on the Resistance of Entamoeba histolytica to Oxidative Stress **2020**, 31-43		
55	Structural insights into Entamoeba histolytica arginase and structure-based identification of novel non-amino acid based inhibitors as potential antiamoebic molecules. *FEBS Journal*, **2019**, 286, 4135-4155	5.7	26
54	Target identification and intervention strategies against amebiasis. *Drug Resistance Updates*, **2019**, 44, 1-14	23.2	13
53	Utilization of Different Omic Approaches to Unravel Stress Response Mechanisms in the Parasite. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 19	5.9	21
52	Enteric bacteria boost defences against oxidative stress in Entamoeba histolytica. *Scientific Reports*, **2018**, 8, 9042	4.9	38
51	Escherichia coli mediated resistance of Entamoeba histolytica to oxidative stress is triggered by oxaloacetate. *PLoS Pathogens*, **2018**, 14, e1007295	7.6	18
50	Mechanism and biological role of Dnmt2 in Nucleic Acid Methylation. *RNA Biology*, **2017**, 14, 1108-1123	4.8	103
49	Identification of S-Nitrosylated (SNO) Proteins in Adapted to Nitrosative Stress: Insights into the Role of SNO Actin and Virulence. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 192	5.9	11
48	N-acetyl ornithine deacetylase is a moonlighting protein and is involved in the adaptation of Entamoeba histolytica to nitrosative stress. *Scientific Reports*, **2016**, 6, 36323	4.9	12
47	Reviving the RNA World: An Insight into the Appearance of RNA Methyltransferases. *Frontiers in Genetics*, **2016**, 7, 99	4.5	27
46	Proteomic Identification of Oxidized Proteins in Entamoeba histolytica by Resin-Assisted Capture: Insights into the Role of Arginase in Resistance to Oxidative Stress. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004340	4.8	28

45	Stress granule formation in Entamoeba histolytica: cross-talk between EhMLBP, EhRLE3 reverse transcriptase and polyubiquitinated proteins. *Cellular Microbiology*, **2014**, 16, 1211-23	3.9	5
44	Entamoeba histolytica adaptation to glucose starvation: a matter of life and death. *Current Opinion in Microbiology*, **2014**, 20, 139-45	7.9	8
43	The Entamoeba histolytica Dnmt2 homolog (Ehmeth) confers resistance to nitrosative stress. *Eukaryotic Cell*, **2014**, 13, 494-503		24
42	Proteomic identification of S-nitrosylated proteins in the parasite Entamoeba histolytica by resin-assisted capture: insights into the regulation of the Gal/GalNAc lectin by nitric oxide. *PLoS ONE*, **2014**, 9, e91518	3.7	21
41	The Dnmt2 RNA methyltransferase homolog of Geobacter sulfurreducens specifically methylates tRNA-Glu. *Nucleic Acids Research*, **2014**, 42, 6487-96	20.1	25
40	Identification of dihydropyrimidine dehydrogenase as a virulence factor essential for the survival of Entamoeba histolytica in glucose-poor environments. *Cellular Microbiology*, **2013**, 15, 130-44	3.9	22
39	Structure analysis of Entamoeba histolytica DNMT2 (EhMeth). *PLoS ONE*, **2012**, 7, e38728	3.7	14
38	The Entamoeba histolytica methylated LINE-binding protein EhMLBP provides protection against heat shock. *Cellular Microbiology*, **2012**, 14, 58-70	3.9	4
37	Glucose starvation boosts Entamoeba histolytica virulence. *PLoS Neglected Tropical Diseases*, **2011**, 5, e1247	4.8	38
36	Structure analysis of Entamoeba histolytica enolase. *Acta Crystallographica Section D: Biological Crystallography*, **2011**, 67, 619-27		12
35	A new nuclear function of the Entamoeba histolytica glycolytic enzyme enolase: the metabolic regulation of cytosine-5 methyltransferase 2 (Dnmt2) activity. *PLoS Pathogens*, **2010**, 6, e1000775	7.6	57
34	Epigenetics in the unicellular parasite Entamoeba histolytica. *Future Microbiology*, **2010**, 5, 1875-84	2.9	10
33	In vitro tRNA methylation assay with the Entamoeba histolytica DNA and tRNA methyltransferase Dnmt2 (Ehmeth) enzyme. *Journal of Visualized Experiments*, **2010**,	1.6	13
32	Insights into the mechanism of DNA recognition by the methylated LINE binding protein EhMLBP of Entamoeba histolytica. *Molecular and Biochemical Parasitology*, **2009**, 166, 117-25	1.9	4
31	EhMLBP is an essential constituent of the Entamoeba histolytica epigenetic machinery and a potential drug target. *Molecular Microbiology*, **2008**, 69, 55-66	4.1	17
30	Progress and prospects of gene inactivation in Entamoeba histolytica. *Experimental Parasitology*, **2008**, 118, 151-5	2.1	3
29	What do unicellular organisms teach us about DNA methylation?. *Trends in Parasitology*, **2008**, 24, 205-9	6.4	5
28	Trichostatin A regulates peroxiredoxin expression and virulence of the parasite Entamoeba histolytica. *Molecular and Biochemical Parasitology*, **2008**, 158, 82-94	1.9	19

27	Pleiotropic phenotype in Entamoeba histolytica overexpressing DNA methyltransferase (Ehmeth). *Molecular and Biochemical Parasitology*, **2006**, 147, 48-54	1.9	44
26	DNA methylation and targeting of LINE retrotransposons in Entamoeba histolytica and Entamoeba invadens. *Molecular and Biochemical Parasitology*, **2006**, 147, 55-63	1.9	22
25	Sensing DNA methylation in the protozoan parasite Entamoeba histolytica. *Molecular Microbiology*, **2006**, 62, 1373-86	4.1	31
24	Epigenetic and classical activation of Entamoeba histolytica heat shock protein 100 (EHsp100) expression. *FEBS Letters*, **2005**, 579, 6395-402	3.8	30
23	Molecular characterization of Entamoeba histolytica RNase III and AGO2, two RNA interference hallmark proteins. *Experimental Parasitology*, **2005**, 110, 265-9	2.1	29
22	Entamoeba histolytica DNA methyltransferase (Ehmeth) is a nuclear matrix protein that binds EhMRS2, a DNA that includes a scaffold/matrix attachment region (S/MAR). *Molecular and Biochemical Parasitology*, **2005**, 139, 91-7	1.9	23
21	Characterization of cytosine methylated regions and 5-cytosine DNA methyltransferase (Ehmeth) in the protozoan parasite Entamoeba histolytica. *Nucleic Acids Research*, **2004**, 32, 287-97	20.1	92
20	Molecular cloning, expression and characterization of a serine proteinase inhibitor gene from Entamoeba histolytica. *Molecular and Biochemical Parasitology*, **2004**, 133, 153-62	1.9	18
19	Identification of methylated sequences in genomic DNA of adult Drosophila melanogaster. *Biochemical and Biophysical Research Communications*, **2004**, 322, 465-9	3.4	38
18	Proteolysis of enteric cell villin by Entamoeba histolytica cysteine proteinases. *Journal of Biological Chemistry*, **2003**, 278, 22650-6	5.4	34
17	Nitric oxide inhibits cysteine proteinases and alcohol dehydrogenase 2 of Entamoeba histolytica. *Parasitology Research*, **2003**, 89, 146-9	2.4	32
16	Consumption of L-arginine mediated by Entamoeba histolytica L-arginase (EhArg) inhibits amoebicidal activity and nitric oxide production by activated macrophages. *Parasite Immunology*, **2003**, 25, 597-608	2.2	46
15	Strategies of the protozoan parasiteEntamoeba histolytica to evade the innate immune responses of intestinal epithelial cells. *Journal of Biosciences*, **2002**, 27, 609-614	2.3	1
14	Entamoeba histolytica cysteine proteinases with interleukin-1 beta converting enzyme (ICE) activity cause intestinal inflammation and tissue damage in amoebiasis. *Molecular Microbiology*, **2000**, 37, 542-8	4.1	112
13	Involvement of serine proteinases during encystation of Entamoeba invadens. *Archives of Medical Research*, **2000**, 31, S187-9	6.6	7
12	Does the light subunit of the Gal/GalNAc specific lectin have a role in the virulence of Entamoeba histolytica?. *Archives of Medical Research*, **2000**, 31, S239-41	6.6	
11	Pathogenesis of Entamoeba histolytica depends on the concerted action of numerous virulence factors. *Archives of Medical Research*, **2000**, 31, S214-5	6.6	8
10	Antisense inhibition of expression of the light subunit (35 kDa) of the Gal/GalNac lectin complex inhibits Entamoeba histolytica virulence. *Molecular Microbiology*, **1999**, 33, 327-37	4.1	97

9	Antimicrobial properties of allicin from garlic. *Microbes and Infection*, **1999**, 1, 125-9	9.3	647
8	Applying antisense technology to the study of entamoeba histolytica pathogenesis: response. *Trends in Microbiology*, **1999**, 7, 473-4	12.4	4
7	Antisense inhibition of expression of cysteine proteinases affects Entamoeba histolytica-induced formation of liver abscess in hamsters. *Infection and Immunity*, **1999**, 67, 421-2	3.7	113
6	Down regulation of Entamoeba histolytica virulence by monoxenic cultivation with Escherichia coli O55 is related to a decrease in expression of the light (35-kilodalton) subunit of the Gal/GalNAc lectin. *Infection and Immunity*, **1999**, 67, 2096-102	3.7	69
5	Antisense inhibition of expression of cysteine proteinases does not affect Entamoeba histolytica cytopathic or haemolytic activity but inhibits phagocytosis. *Molecular Microbiology*, **1998**, 28, 777-85	4.1	96
4	Electrotransformation of highly DNA-restrictive corynebacteria with synthetic DNA. *Plasmid*, **1996**, 35, 62-6	3.3	21
3	A Brevibacterium linens pRBL1 replicon functional in Corynebacterium glutamicum. *Plasmid*, **1996**, 36, 36-41	3.3	23
2	Improved electro-transformation of highly DNA-restrictive corynebacteria with DNA extracted from starved Escherichia coli. *FEMS Microbiology Letters*, **1996**, 140, 247-51	2.9	10
1	Queuine is a nutritional regulator of Entamoeba histolytica response to oxidative stress and a virulence attenuator		1