

Esther Orozco

List of Publications by Year in descending order

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98
papers

2,349
citations

218677

26
h-index

254184

43
g-index

101
all docs

101
docs citations

101
times ranked

1575
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-throughput drug screen for <i>Entamoeba histolytica</i> identifies a new lead and target. <i>Nature Medicine</i> , 2012, 18, 956-960.	30.7	290
2	<i>Entamoeba histolytica</i> : Correlation of the cytopathic effect of virulent trophozoites with secretion of a cysteine proteinase. <i>Experimental Parasitology</i> , 1990, 71, 199-206.	1.2	114
3	Localization and identification of an <i>Entamoeba histolytica</i> adhesin. <i>Molecular and Biochemical Parasitology</i> , 1987, 23, 151-158.	1.1	90
4	Structural Bases of the Cytolytic Mechanisms of <i>Entamoeba histolytica</i> 1. <i>Journal of Protozoology</i> , 1985, 32, 166-175.	0.8	84
5	<i>Entamoeba histolytica</i> : Cell cycle and nuclear division. <i>Experimental Parasitology</i> , 1988, 67, 85-95.	1.2	61
6	Isolation and characterization of <i>Entamoeba histolytica</i> mutants resistant to emetine. <i>Molecular and Biochemical Parasitology</i> , 1985, 15, 49-59.	1.1	55
7	EhCP112 is an <i>Entamoeba histolytica</i> secreted cysteine protease that may be involved in the parasite-virulence. <i>Cellular Microbiology</i> , 2005, 7, 221-232.	2.1	53
8	Increase in mRNA of multiple Eh pgg genes encoding P-glycoprotein homologues in emetine-resistant <i>Entamoeba histolytica</i> parasites. <i>Gene</i> , 1995, 164, 179-184.	2.2	47
9	A phagocytosis mutant of <i>Entamoeba histolytica</i> is less virulent due to deficient proteinase expression and release. <i>Experimental Parasitology</i> , 2007, 115, 192-199.	1.2	47
10	Transcriptional Analysis of the EhPgp1 Promoter of <i>Entamoeba histolytica</i> Multidrug-resistant Mutant. <i>Journal of Biological Chemistry</i> , 1998, 273, 7277-7284.	3.4	45
11	An <i>Entamoeba histolytica</i> Rab-like encoding gene and protein: function and cellular location. <i>Molecular and Biochemical Parasitology</i> , 2000, 108, 199-206.	1.1	45
12	EhPgp5 mRNA Stability Is a Regulatory Event in the <i>Entamoeba histolytica</i> Multidrug Resistance Phenotype. <i>Journal of Biological Chemistry</i> , 2003, 278, 11273-11280.	3.4	45
13	The EhCPADH112 Complex of <i>Entamoeba histolytica</i> Interacts with Tight Junction Proteins Occludin and Claudin-1 to Produce Epithelial Damage. <i>PLoS ONE</i> , 2013, 8, e65100.	2.5	43
14	Transcriptional Analysis of the EhPgp5 Promoter of <i>Entamoeba histolytica</i> Multidrug-resistant Mutant. <i>Journal of Biological Chemistry</i> , 1998, 273, 7285-7292.	3.4	40
15	The Conserved ESCRT-III Machinery Participates in the Phagocytosis of <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 53.	3.9	40
16	Host Invasion by Pathogenic Amoebae: Epithelial Disruption by Parasite Proteins. <i>Genes</i> , 2019, 10, 618.	2.4	40
17	<i>Entamoeba histolytica</i> : Physiology of multidrug resistance. <i>Experimental Parasitology</i> , 1990, 71, 169-175.	1.2	38
18	Cloning, genomic organization and transcription of the <i>Entamoeba histolytica</i> β -tubulin-encoding gene. <i>Gene</i> , 1994, 146, 239-244.	2.2	38

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19	The pyruvate:ferredoxin oxidoreductase enzyme is located in the plasma membrane and in a cytoplasmic structure in <i>Entamoeba</i> . <i>Microbial Pathogenesis</i> , 1998, 25, 1-10.	2.9	38
20	The R2R3 Myb protein family in <i>Entamoeba histolytica</i> . <i>Gene</i> , 2010, 455, 32-42.	2.2	38
21	<i>Entamoeba histolytica</i> : molecules involved in the target cell-parasite relationship. <i>Molecular and Biochemical Parasitology</i> , 1989, 37, 87-99.	1.1	37
22	Two CCAAT/enhancer binding protein sites are cis-activator elements of the <i>Entamoeba histolytica</i> EhPgp1 (mdr-like) gene expression. <i>Cellular Microbiology</i> , 2002, 4, 725-737.	2.1	35
23	The EhADH112 recombinant polypeptide inhibits cell destruction and liver abscess formation by <i>Entamoeba histolytica</i> trophozoites. <i>Cellular Microbiology</i> , 2004, 6, 367-376.	2.1	35
24	Differences in adhesion, phagocytosis and virulence of clones from <i>Entamoeba histolytica</i> , strain HM1: IMSS. <i>International Journal for Parasitology</i> , 1985, 15, 655-660.	3.1	34
25	EhVps32 Is a Vacuole-Associated Protein Involved in Pinocytosis and Phagocytosis of <i>Entamoeba histolytica</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005079.	4.7	32
26	<i>Entamoeba histolytica</i> EhCP112 Dislocates and Degrades Claudin-1 and Claudin-2 at Tight Junctions of the Intestinal Epithelium. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 372.	3.9	30
27	DNA repair mechanisms in eukaryotes: Special focus in <i>Entamoeba histolytica</i> and related protozoan parasites. <i>Infection, Genetics and Evolution</i> , 2009, 9, 1051-1056.	2.3	28
28	<i>Entamoeba histolytica</i> : Comparative genomics of the pre-mRNA 3' end processing machinery. <i>Experimental Parasitology</i> , 2005, 110, 184-190.	1.2	27
29	EhADH112 Is a Bro1 Domain-Containing Protein Involved in the <i>Entamoeba histolytica</i> Multivesicular Bodies Pathway. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-15.	3.0	26
30	Resveratrol Induces Apoptosis-Like Death and Prevents In Vitro and In Vivo Virulence of <i>Entamoeba histolytica</i> . <i>PLoS ONE</i> , 2016, 11, e0146287.	2.5	25
31	Cloning and characterization of the <i>Entamoeba histolytica</i> pyruvate: ferredoxin oxidoreductase gene. <i>Molecular and Biochemical Parasitology</i> , 1996, 78, 273-277.	1.1	24
32	In silico analysis of EST and genomic sequences allowed the prediction of cis-regulatory elements for <i>Entamoeba histolytica</i> mRNA polyadenylation. <i>Computational Biology and Chemistry</i> , 2008, 32, 256-263.	2.3	24
33	Purification, refolding and autoactivation of the recombinant cysteine proteinase EhCP112 from <i>Entamoeba histolytica</i> . <i>Protein Expression and Purification</i> , 2009, 63, 26-32.	1.3	24
34	EhNPC1 and EhNPC2 Proteins Participate in Trafficking of Exogenous Cholesterol in <i>Entamoeba histolytica</i> Trophozoites: Relevance for Phagocytosis. <i>PLoS Pathogens</i> , 2016, 12, e1006089.	4.7	24
35	Expression in fibroblasts and in live animals of <i>Entamoeba histolytica</i> polypeptides EhCP112 and EhADH112. <i>Microbiology (United Kingdom)</i> , 2004, 150, 1251-1260.	1.8	23
36	Detection of the Endosomal Sorting Complex Required for Transport in <i>Entamoeba histolytica</i> and Characterization of the EhVps4 Protein. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-15.	3.0	23

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37	Structural and functional analysis of the <i>Entamoeba histolytica</i> EhRabB gene promoter. <i>BMC Molecular Biology</i> , 2007, 8, 82.	3.0	21
38	Specific detection of <i>Entamoeba histolytica</i> DNA by hemolysin gene targeted PCR. <i>Acta Tropica</i> , 2001, 78, 117-125.	2.0	20
39	<i>Entamoeba histolytica</i> : Cytopathogenicity and lectin activity of avirulent mutants. <i>Experimental Parasitology</i> , 1987, 63, 157-165.	1.2	19
40	Molecular karyotype of related clones of <i>Entamoeba histolytica</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 59, 29-40.	1.1	19
41	A pcDNA-Ehcpadh vaccine against <i>Entamoeba histolytica</i> elicits a protective Th1-like response in hamster liver. <i>Vaccine</i> , 2009, 27, 4176-4186.	3.8	19
42	<i>Entamoeba histolytica</i> TATA-box binding protein binds to different TATA variants in vitro. <i>FEBS Journal</i> , 2005, 272, 1354-1366.	4.7	18
43	Lipids in <i>Entamoeba histolytica</i> : Host-Dependence and Virulence Factors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 75.	3.9	18
44	Cellular Location and Function of the P-Glycoproteins (EhPgps) in <i>Entamoeba histolytica</i> Multidrug-Resistant Trophozoites. <i>Microbial Drug Resistance</i> , 2002, 8, 291-300.	2.0	17
45	<i>Entamoeba histolytica</i> : Identification of EhGPCR-1, a novel putative G protein-coupled receptor that binds to EhRabB. <i>Experimental Parasitology</i> , 2005, 110, 253-258.	1.2	17
46	Identification and functional characterization of EhClC-A, an <i>Entamoeba histolytica</i> ClC chloride channel located at plasma membrane. <i>Molecular Microbiology</i> , 2006, 59, 1249-1261.	2.5	17
47	mRNA Decay Proteins Are Targeted to poly(A) ⁺ RNA and dsRNA-Containing Cytoplasmic Foci That Resemble P-Bodies in <i>Entamoeba histolytica</i> . <i>PLoS ONE</i> , 2012, 7, e45966.	2.5	17
48	Putative DEAD and DExH-box RNA helicases families in <i>Entamoeba histolytica</i> . <i>Gene</i> , 2008, 424, 1-10.	2.2	16
49	Effect of the silencing of the Ehcp112 gene on the in vitro virulence of <i>Entamoeba histolytica</i> . <i>Parasites and Vectors</i> , 2013, 6, 248.	2.5	16
50	Identification of the phospholipid lysobisphosphatidic acid in the protozoan <i>Entamoeba histolytica</i> : An active molecule in endocytosis. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 224-236.	1.3	16
51	Adherens junctions and desmosomes are damaged by <i>Entamoeba histolytica</i> : Participation of EhCPADH complex and EhCP112 protease. <i>Cellular Microbiology</i> , 2017, 19, e12761.	2.1	15
52	The 25 kDa Subunit of Cleavage Factor Im Is a RNA-Binding Protein That Interacts with the Poly(A) Polymerase in <i>Entamoeba histolytica</i> . <i>PLoS ONE</i> , 2013, 8, e67977.	2.5	15
53	Heterodimerization of the <i>Entamoeba histolytica</i> EhCPADH virulence complex through molecular dynamics and protein-protein docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 486-503.	3.5	14
54	Invasion and metastasis mechanisms in <i>Entamoeba histolytica</i> and cancer cells. Some common cellular and molecular features. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1994, 305, 229-239.	1.0	13

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55	The <i>Entamoeba histolytica</i> EhPgp5 (MDR-like) Protein Induces Swelling of the Trophozoites and Alters Chloride-Dependent Currents in <i>Xenopus laevis</i> Oocytes. <i>Microbial Drug Resistance</i> , 2002, 8, 15-26.	2.0	13
56	Molecular characterization of the <i>Entamoeba histolytica</i> enolase gene and modelling of the predicted protein. <i>FEMS Microbiology Letters</i> , 2006, 148, 123-129.	1.8	13
57	<i>Entamoeba histolytica</i> EhDEAD1 is a conserved DEAD-box RNA helicase with ATPase and ATP-dependent RNA unwinding activities. <i>Gene</i> , 2008, 414, 19-31.	2.2	13
58	Non-pathogenic <i>Entamoeba histolytica</i> : functional and biochemical characterization of a monoxenic strain. <i>Molecular and Biochemical Parasitology</i> , 1990, 40, 193-201.	1.1	12
59	<i>Entamoeba histolytica</i> : Signaling through G Proteins. <i>Experimental Parasitology</i> , 1999, 91, 170-175.	1.2	12
60	<i>Entamoeba histolytica</i> : Cloning and expression of the poly(A) polymerase EhPAP. <i>Experimental Parasitology</i> , 2005, 110, 226-232.	1.2	12
61	<i>Entamoeba histolytica</i> : A unicellular organism containing two active genes encoding for members of the TBP family. <i>Protein Expression and Purification</i> , 2010, 70, 48-59.	1.3	12
62	A recombinant influenza virus vaccine expressing the F protein of respiratory syncytial virus. <i>Archives of Virology</i> , 2014, 159, 1067-1077.	2.1	12
63	Physiology and molecular genetics of multidrug resistance in <i>Entamoeba histolytica</i> . <i>Drug Resistance Updates</i> , 1999, 2, 188-197.	14.4	11
64	The small GTPase EhRabB of <i>Entamoeba histolytica</i> is differentially expressed during phagocytosis. <i>Parasitology Research</i> , 2013, 112, 1631-1640.	1.6	11
65	Chromatin Organization during the Nuclear Division Stages of Live <i>Entamoeba histolytica</i> Trophozoites. <i>Experimental Parasitology</i> , 1998, 89, 122-124.	1.2	10
66	<i>Entamoeba histolytica</i> : Alterations in EhRabB protein in a phagocytosis deficient mutant correlate with the <i>Entamoeba dispar</i> RabB sequence. <i>Experimental Parasitology</i> , 2005, 110, 259-264.	1.2	10
67	The knockdown of each component of the cysteine proteinase-adhesin complex of <i>Entamoeba histolytica</i> (EhCPADH) affects the expression of the other complex element as well as the <i>in vitro</i> and <i>in vivo</i> virulence. <i>Parasitology</i> , 2016, 143, 50-59.	1.5	10
68	EhRabB mobilises the EhCPADH complex through the actin cytoskeleton during phagocytosis of <i>Entamoeba histolytica</i> . <i>Cellular Microbiology</i> , 2019, 21, e13071.	2.1	10
69	Identification of a polypeptide containing Tudor and staphylococcal nuclease-like domains as the sequence-specific binding protein to the upstream regulatory element 1 of <i>Entamoeba histolytica</i> . <i>International Journal for Parasitology</i> , 2011, 41, 775-782.	3.1	9
70	Epithelial Cells Expressing EhADH, An <i>Entamoeba histolytica</i> Adhesin, Exhibit Increased Tight Junction Proteins. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 340.	3.9	9
71	<i>Entamoeba histolytica</i> : expression and DNA binding of CCAAT/enhancer-binding proteins are regulated through the cell cycle. <i>Experimental Parasitology</i> , 2003, 103, 82-87.	1.2	8
72	<i>Entamoeba histolytica</i> EhPgp5 transcriptional activation depends on putative emetine response elements. <i>Experimental Parasitology</i> , 2005, 110, 233-237.	1.2	8

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73	The Sole DNA Ligase in <i>Entamoeba histolytica</i> Is a High-Fidelity DNA Ligase Involved in DNA Damage Repair. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 214.	3.9	8
74	The <i>Entamoeba histolytica</i> TBP and TRF1 transcription factors are GAAC-box binding proteins, which display differential gene expression under different stress stimuli and during the interaction with mammalian cells. <i>Parasites and Vectors</i> , 2018, 11, 153.	2.5	8
75	The Tudor Staphylococcal Nuclease Protein of <i>Entamoeba histolytica</i> Participates in Transcription Regulation and Stress Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 52.	3.9	7
76	A Calcium/Cation Exchanger Participates in the Programmed Cell Death and in vitro Virulence of <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 342.	3.9	7
77	Drug Resistance Mechanisms in <i>Entamoeba histolytica</i> , <i>Giardia lamblia</i> , <i>Trichomonas vaginalis</i> , and Opportunistic Anaerobic Protozoa. , 2009, , 549-559.		7
78	L6. <i>Archives of Medical Research</i> , 2000, 31, S237-S238.	3.3	6
79	Identification and functional characterization of lysine methyltransferases of <i>Entamoeba histolytica</i> . <i>Molecular Microbiology</i> , 2016, 101, 351-365.	2.5	6
80	Data on docking and dynamics simulation of <i>Entamoeba histolytica</i> EhADH (an ALIX protein) and lysobisphosphatidic acid. <i>Data in Brief</i> , 2016, 7, 457-459.	1.0	6
81	Identification of the gene encoding the TATA box-binding protein-associated factor 1 (TAF1) and its putative role in the heat shock response in the protozoan parasite <i>Entamoeba histolytica</i> . <i>Parasitology Research</i> , 2019, 118, 517-538.	1.6	6
82	A variable DNA region of <i>Entamoeba histolytica</i> is expressed in several transcripts which differ in genetically related clones. <i>Molecular Genetics and Genomics</i> , 1993, 241-241, 271-279.	2.4	5
83	A Novel Heat Shock Element (HSE) in <i>Entamoeba histolytica</i> that Regulates the Transcriptional Activation of the EhPgp5 Gene in the Presence of Emetine Drug. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 492.	3.9	5
84	Telomeric Repeat-Binding Factor Homologs in <i>Entamoeba histolytica</i> : New Clues for Telomeric Research. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 341.	3.9	4
85	The atypical protein arginine methyltransferase of <i>Entamoeba histolytica</i> (EhPRMTA) is involved in cell proliferation, heat shock response and in vitro virulence. <i>Experimental Parasitology</i> , 2021, 222, 108077.	1.2	4
86	EhVps23: A Component of ESCRT-I That Participates in Vesicular Trafficking and Phagocytosis of <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 770759.	3.9	4
87	EhVps23, an ESCRT-I Member, Is a Key Factor in Secretion, Motility, Phagocytosis and Tissue Invasion by <i>Entamoeba histolytica</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 835654.	3.9	4
88	An Initial Characterization of the 3' Untranslated Region of the EhPgp5 mRNA in <i>Entamoeba histolytica</i> . <i>Archives of Medical Research</i> , 2000, 31, S282-S284.	3.3	3
89	Protein Sumoylation Is Crucial for Phagocytosis in <i>Entamoeba histolytica</i> Trophozoites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5709.	4.1	3
90	<i>Entamoeba histolytica</i> : Generation and characterization of hybrid clones. <i>Experimental Parasitology</i> , 1991, 72, 236-242.	1.2	2

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91	Expression of Entamoeba histolytica EhPgp5 Gene in Xenopus laevis Oocytes. Archives of Medical Research, 2000, 31, S285-S287.	3.3	2
92	A Bioinformatical Approach to Study the Endosomal Sorting Complex Required for Transport (ESCRT) Machinery in Protozoan Parasites: The Entamoeba histolytica Case. , 0, , .		2
93	A noncanonical GATA transcription factor of Entamoeba histolytica modulates genes involved in phagocytosis. Molecular Microbiology, 2020, 114, 1019-1037.	2.5	2
94	Centromeric Structure Identification in Entamoeba histolytica by Anticentromeric/Kinetochore Antibodies Obtained from Patients with the CREST Syndrome. Archives of Medical Research, 2000, 31, S207-S209.	3.3	1
95	DNA Binding Activity and Predicted Tertiary Structure of the TATA Binding Protein of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S299-S300.	3.3	1
96	Expression and Immunodetection of a P-Glycoprotein in Emetine-Resistant Trophozoites of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S288-S290.	3.3	1
97	Presence of Sequences Homologous to the Universal Minicircle Sequence (UMS) of Trypanosomatids in the DNA Circles of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S296-S298.	3.3	0
98	Algorithm to Predict MiniCHEF Electrophoresis Patterns of Entamoeba histolytica DNA. Archives of Medical Research, 2000, 31, S279-S281.	3.3	0