

Patricia Talamás-Rohana

List of Publications by Year in descending order

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114
papers

2,049
citations

257101

24
h-index

329751

37
g-index

121
all docs

121
docs citations

121
times ranked

1939
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipophosphoglycan from <i>Leishmania mexicana</i> promastigotes binds to members of the CR3, p150,95 and LFA-1 family of leukocyte integrins. <i>Journal of Immunology</i> , 1990, 144, 4817-24.	0.4	121
2	<i>Leishmania</i> and the macrophage: a marriage of inconvenience. <i>Trends in Immunology</i> , 1989, 10, 328-333.	7.5	118
3	Interaction between pathogenic amebas and fibronectin: substrate degradation and changes in cytoskeleton organization.. <i>Journal of Cell Biology</i> , 1988, 106, 1787-1794.	2.3	106
4	Isolation of a 220-Kilodalton Protein With Lectin Properties From a Virulent Strain of <i>Entamoeba histolytica</i> . <i>Journal of Infectious Diseases</i> , 1987, 156, 790-797.	1.9	72
5	The Cytoskeleton of <i>Entamoeba histolytica</i> : Structure, Function, and Regulation by Signaling Pathways. <i>Archives of Medical Research</i> , 2006, 37, 234-243.	1.5	62
6	Cytotoxicity of functionalized carbon nanotubes in J774A macrophages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 853-859.	1.7	59
7	BFA-sensitive and insensitive exocytic pathways in <i>Entamoeba histolytica</i> trophozoites: their relationship to pathogenesis. <i>Cellular Microbiology</i> , 2003, 5, 921-932.	1.1	47
8	Differentiation of <i>entamoeba histolytica/entamoeba dispar</i> by PCR and their correlation with humoral and cellular immunity in individuals with clinical variants of amoebiasis.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 731-737.	0.6	41
9	Use of Antibodies to Characterize a 220-Kilodalton Surface Protein from <i>Entamoeba histolytica</i> . <i>Journal of Infectious Diseases</i> , 1987, 156, 798-805.	1.9	40
10	Stress responses of the House Sparrow (<i>Passer domesticus</i>) to different urban land uses. <i>Landscape and Urban Planning</i> , 2010, 98, 183-189.	3.4	37
11	Effect of Gallic acid and Myricetin on ovarian cancer models: a possible alternative antitumoral treatment. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 110.	1.2	37
12	PPAR Activation Induces M1 Macrophage Polarization via cPLA ₂ -COX-2 Inhibition, Activating ROS Production against <i>Leishmania mexicana</i> . <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	36
13	<i>Entamoeba histolytica</i> Contains a β 1 Integrin-like Molecule Similar to Fibronectin Receptors from Eukaryotic Cells. <i>Journal of Eukaryotic Microbiology</i> , 1998, 45, 356-360.	0.8	34
14	GSTM3 and GSTP1: novel players driving tumor progression in cervical cancer. <i>Oncotarget</i> , 2018, 9, 21696-21714.	0.8	34
15	<i>Entamoeba histolytica</i> : a β 1 integrin-like fibronectin receptor assembles a signaling complex similar to those of mammalian cells. <i>Experimental Parasitology</i> , 2003, 103, 8-15.	0.5	33
16	Clinical case of cerebral amebiasis caused by <i>E. histolytica</i> . <i>Parasitology Research</i> , 2012, 110, 1291-1296.	0.6	31
17	How Stressed are Birds in an Urbanizing Landscape? Relationships between the Physiology of Birds and Three Levels of Habitat Alteration. <i>Condor</i> , 2013, 115, 84-92.	0.7	30
18	Antibodies raised against synthetic peptides from the Arg-Gly-Asp-containing region of the <i>Leishmania</i> surface protein gp63 cross-react with human C3 and interfere with gp63-mediated binding to macrophages. <i>Infection and Immunity</i> , 1989, 57, 630-632.	1.0	30

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19	An ecto-protein tyrosine phosphatase of <i>Entamoeba histolytica</i> induces cellular detachment by disruption of actin filaments in HeLa cells. <i>International Journal for Parasitology</i> , 2003, 33, 663-670.	1.3	29
20	<i>Entamoeba invadens</i> , encystation process and enolase. <i>Experimental Parasitology</i> , 2010, 125, 63-69.	0.5	29
21	Absence of CD38 delays arrival of neutrophils to the liver and innate immune response development during hepatic amoebiasis by <i>Entamoeba histolytica</i> . <i>Parasite Immunology</i> , 2011, 33, 661-668.	0.7	29
22	A β 21 integrin-like molecule in <i>Entamoeba histolytica</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994, 88, 596-599.	0.7	28
23	<i>Acanthamoeba castellanii</i> : Identification and distribution of actin cytoskeleton. <i>Experimental Parasitology</i> , 2008, 119, 411-417.	0.5	26
24	Reevaluating the Role of <i>Acanthamoeba</i> Proteases in Tissue Invasion: Observation of Cytopathogenic Mechanisms on MDCK Cell Monolayers and Hamster Corneal Cells. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	26
25	Erythrophagocytosis in <i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> : A Comparative Study. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	26
26	Membrane-bound acid phosphatase (MAP) from <i>Entamoeba histolytica</i> has phosphotyrosine phosphatase activity and disrupts the actin cytoskeleton of host cells. <i>Parasitology</i> , 2003, 126, 195-202.	0.7	25
27	Role of Prostaglandin E2 on Amoebic Liver Abscess Formation in Hamsters. <i>Prostaglandins</i> , 1997, 53, 411-421.	1.2	24
28	T-cell suppression and selective in vivo activation of TH2 subpopulation by the <i>Entamoeba histolytica</i> 220-kilodalton lectin. <i>Infection and Immunity</i> , 1995, 63, 3953-3958.	1.0	24
29	Participation of Rho, ROCK2, and GAP activities during actin microfilament rearrangements in <i>Entamoeba histolytica</i> induced by fibronectin signaling. <i>Cell Biology International</i> , 2008, 32, 984-1000.	1.4	23
30	Differentiation of <i>Entamoeba histolytica</i> : A possible role for enolase. <i>Experimental Parasitology</i> , 2011, 129, 65-71.	0.5	22
31	A DNA Vaccine Encoding for <i>Tc</i> SSP4 Induces Protection against Acute and Chronic Infection in Experimental Chagas Disease. <i>International Journal of Biological Sciences</i> , 2011, 7, 1230-1238.	2.6	21
32	IL-10-IFN- β Double Producers CD4+ T Cells Are Induced by Immunization with an Amastigote Stage Specific Derived Recombinant Protein of <i>Trypanosoma cruzi</i> . <i>International Journal of Biological Sciences</i> , 2011, 7, 1093-1100.	2.6	21
33	<i>Entamoeba histolytica</i> : Monoclonal Antibody against the β 21 Integrin-like Molecule (140 kDa) Inhibits Cell Adhesion to Extracellular Matrix Components. <i>Experimental Parasitology</i> , 2001, 98, 83-89.	0.5	20
34	Actin, RhoA, and Rab11 Participation during Encystment in <i>Entamoeba invadens</i> . <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	20
35	Src and PI3 K inhibitors affect the virulence factors of <i>Entamoeba histolytica</i> . <i>Parasitology</i> , 2013, 140, 202-209.	0.7	20
36	Integrins and haptoglobin: Molecules overexpressed in ovarian cancer. <i>Pathology Research and Practice</i> , 2015, 211, 973-981.	1.0	20

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37	Identification and partial purification of an <i>Entamoeba histolytica</i> membrane protein that binds fibronectin. <i>Archives of Medical Research</i> , 1992, 23, 119-23.	1.5	20
38	Physical, structural, and functional properties of the $\alpha 21$ integrin-like fibronectin receptor ($\alpha 21$ EhFNR) in <i>Entamoeba histolytica</i> . <i>Infection, Genetics and Evolution</i> , 2009, 9, 962-970.	1.0	19
39	Biological and toxicological evaluation of <i>Rhus trilobata</i> Nutt. (Anacardiaceae) used traditionally in Mexico against cancer. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 153.	3.7	19
40	In vitro indomethacin administration upregulates interleukin-12 production and polarizes the immune response towards a Th1 type in susceptible BALB/c mice infected with <i>Leishmania mexicana</i> . <i>Parasite Immunology</i> , 2001, 23, 599-606.	0.7	18
41	The translational blocking of $\alpha 5$ and $\alpha 6$ integrin subunits affects migration and invasion, and increases sensitivity to carboplatin of SKOV-3 ovarian cancer cell line. <i>Experimental Cell Research</i> , 2017, 351, 127-134.	1.2	18
42	<i>Entamoeba dispar</i> Contains but Does Not Secrete Acid Phosphatase as Does <i>Entamoeba histolytica</i> . <i>Experimental Parasitology</i> , 1999, 92, 219-222.	0.5	17
43	Purification and properties of an acid phosphatase from <i>Entamoeba histolytica</i> HM-1:IMSS. <i>International Journal for Parasitology</i> , 2000, 30, 585-591.	1.3	17
44	<i>Entamoeba histolytica</i> : Tyrosine Kinase Activity Induced by Fibronectin through the $\alpha 21$ -Integrin-like Molecule. <i>Experimental Parasitology</i> , 2000, 95, 85-95.	0.5	17
45	<i>Entamoeba histolytica</i> : induction of cyclooxygenase-2 expression during amoebic liver abscess formation in hamsters (<i>Mesocricetus auratus</i>). <i>Experimental Parasitology</i> , 2004, 106, 119-125.	0.5	17
46	Effect of bovine lactoferrin in a therapeutic hamster model of hepatic amoebiasis¹This article is part of a Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2012, 90, 425-434.	0.9	17
47	Proteomic identification of fucosylated haptoglobin alpha isoforms in ascitic fluids and its localization in ovarian carcinoma tissues from Mexican patients. <i>Journal of Ovarian Research</i> , 2014, 7, 27.	1.3	17
48	Actin Stress Fibers in <i>Entamoeba histolytica</i> Induced by Fibronectin. <i>Archives of Medical Research</i> , 2000, 31, S131-S133.	1.5	16
49	Recombinant SSP4 protein from <i>Trypanosoma cruzi</i> amastigotes regulates nitric oxide production by macrophages. <i>Parasite Immunology</i> , 2004, 26, 409-418.	0.7	15
50	<i>Entamoeba histolytica</i> : ultrastructure of trophozoites recovered from experimental liver lesions. <i>Experimental Parasitology</i> , 2004, 107, 39-46.	0.5	15
51	Role of extracellular matrix-cell interaction and epidermal growth factor (EGF) on EGF-receptors and actin cytoskeleton arrangement in infantile pituitary cells. <i>Cell and Tissue Research</i> , 2006, 327, 143-153.	1.5	15
52	Haptoglobin and CCR2 receptor expression in ovarian cancer cells that were exposed to ascitic fluid: Exploring a new role of haptoglobin in the tumoral microenvironment. <i>Cell Adhesion and Migration</i> , 2015, 9, 394-405.	1.1	15
53	Seroprevalence of Anti- <i>Entamoeba histolytica</i> Antibodies by IHA and ELISA Assays in Blood Donors from Puebla, Mexico. <i>Archives of Medical Research</i> , 2000, 31, S53-S54.	1.5	14
54	Antiamoebic Activity of <i>Adenophyllum aurantium</i> (L.) Strother and Its Effect on the Actin Cytoskeleton of <i>Entamoeba histolytica</i> . <i>Frontiers in Pharmacology</i> , 2016, 07, 169.	1.6	14

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55	Cloning and partial characterization of <i>Entamoeba histolytica</i> PTPases. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 1014-1021.	1.0	13
56	Rab7 and actin cytoskeleton participate during mobilization of β 1EH FNR in fibronectin-stimulated <i>Entamoeba histolytica</i> trophozoites. <i>Microscopy Research and Technique</i> , 2012, 75, 285-293.	1.2	13
57	Subcellular distribution of the <i>Entamoeba histolytica</i> 140 kDa FN-binding molecule during host-parasite interaction. <i>Parasitology</i> , 2007, 134, 169-177.	0.7	12
58	Treg Cells Induced by rSSP4 Derived from <i>T. cruzi</i> Amastigotes Increase Parasitemia in an Experimental Chagas Disease Model. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	12
59	<i>Acanthamoeba</i> (T4) trophozoites cross the MDCK epithelium without cell damage but increase paracellular permeability and transepithelial resistance by modifying tight junction composition. <i>Experimental Parasitology</i> , 2017, 183, 69-75.	0.5	12
60	Decanethiol functionalized silver nanoparticles are new powerful leishmanicidals in vitro. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 38.	1.7	12
61	cDNA cloning and partial characterization of amastigote specific surface protein from <i>Trypanosoma cruzi</i> . <i>Infection, Genetics and Evolution</i> , 2009, 9, 1083-1091.	1.0	11
62	Differences in cap formation between invasive <i>Entamoeba histolytica</i> and non-invasive <i>Entamoeba dispar</i> . <i>Parasitology Research</i> , 2012, 111, 215-221.	0.6	11
63	Differential immune response in mice immunized with the A, R or C domain from <i>TcSP</i> protein of <i>Trypanosoma cruzi</i> or with the coding <i>sDNA</i> s. <i>Parasite Immunology</i> , 2013, 35, 32-41.	0.7	11
64	Cell-matrix interactions of <i>Entamoeba histolytica</i> and <i>E. dispar</i> . A comparative study by electron-, atomic force- and confocal microscopy. <i>Experimental Cell Research</i> , 2015, 337, 226-233.	1.2	11
65	Isoindoline Derivatives of β -Amino Acids as Cyclooxygenase 1 and 2 Inhibitors. <i>Archiv Der Pharmazie</i> , 2016, 349, 175-185.	2.1	11
66	Linearolactone and Kaempferol Disrupt the Actin Cytoskeleton in <i>Entamoeba histolytica</i> : Inhibition of Amoebic Liver Abscess Development. <i>Journal of Natural Products</i> , 2020, 83, 3671-3680.	1.5	11
67	Tunable Raman scattering enhancement due to self-assembled Au nanoparticles layer on porous AAO: The influence of the alumina support. <i>Applied Surface Science</i> , 2021, 536, 147674.	3.1	11
68	Exploring the Possible Role of Lysine Acetylation on <i>Entamoeba histolytica</i> Virulence: A Focus on the Dynamics of the Actin Cytoskeleton. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	10
69	Increased Renal Vasoconstriction and Gene Expression of Cyclooxygenase-1 in Renovascular Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, 577-583.	0.8	10
70	Specific antibody immune response against the parasitic portion of a glutathione-S-transferase fusion protein. <i>FASEB Journal</i> , 2003, 17, 621-627.	0.2	9
71	<i>Entamoeba histolytica</i> electron-dense granules secretion in vitro and in vivo: Ultrastructural study. <i>Microscopy Research and Technique</i> , 2012, 75, 189-196.	1.2	9
72	<i>Leishmania mexicana</i> gp63 is the enzyme responsible for cyclooxygenase (COX) activity in this parasitic protozoa. <i>Biochimie</i> , 2018, 151, 73-84.	1.3	9

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73	Entamoeba histolytica: cDNAs cloned as 30kDa collagen-binding proteins (CBP) belong to an antioxidant molecule family.. Experimental Parasitology, 2004, 108, 7-17.	0.5	8
74	Entamoeba histolytica: cDNAs cloned as 30kDa collagen-binding proteins (CBP) belong to an antioxidant molecule family.†Protection of hamsters from amoebic liver abscess by immunization with recombinant CBP. Experimental Parasitology, 2004, 108, 7-17.	0.5	8
75	Entamoeba histolytica: Fibrillar aggregates in dividing trophozoites. Experimental Parasitology, 2008, 118, 280-284.	0.5	8
76	Ascites from Ovarian Cancer Induces Novel Fucosylated Proteins. Cancer Microenvironment, 2019, 12, 181-195.	3.1	8
77	Functional Characterization of an Interferon Gamma Receptor-Like Protein on Entamoeba histolytica. Infection and Immunity, 2019, 87, .	1.0	8
78	Purification and partial characterization of an hemolytic activity from Entamoeba histolytica. Archives of Medical Research, 1992, 23, 243-8.	1.5	8
79	Structural and functional characterization of the divergent Entamoeba Src using Src inhibitor-1. Parasites and Vectors, 2017, 10, 500.	1.0	7
80	Downregulation of Selected Cytokines in Amebiasis. Archives of Medical Research, 2006, 37, 556-558.	1.5	6
81	Obtaining of three recombinant antigens of Entamoeba histolytica and evaluation of their immunogenic ability without adjuvant in a hamster model of immunoprotection. Acta Tropica, 2012, 122, 169-176.	0.9	6
82	Effect of two series of isoindolines over HDAC8 activity and expression. Medicinal Chemistry Research, 2014, 23, 3227-3234.	1.1	6
83	Eh Rab21 mobilization during erythrophagocytosis in Entamoeba histolytica. Microscopy Research and Technique, 2018, 81, 1024-1035.	1.2	6
84	Cell morphology impact on the set-up of electroporation protocols for in-suspension and adhered breast cancer cells. Electromagnetic Biology and Medicine, 2020, 39, 323-339.	0.7	6
85	Monoclonal Antibody Specific to the β 21 Integrin-Like Molecule (140 kDa) Immunoprecipitates a Protein Complex of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S147-S148.	1.5	5
86	Entamoeba histolytica: Inflammatory process during amoebic liver abscess formation involves cyclooxygenase-2 expression in macrophages and trophozoites. Experimental Parasitology, 2006, 114, 154-159.	0.5	5
87	Effect of ovarian cancer ascites on SKOV-3 cells proteome: new proteins associated with aggressive phenotype in epithelial ovarian cancer. Proteome Science, 2018, 16, 3.	0.7	5
88	Increased Nitric Oxide Levels in Patients with Acute Intestinal Amebiasis. Archives of Medical Research, 2000, 31, S87-S88.	1.5	4
89	Entamoeba histolytica L220 induces the in vitro activation of macrophages and neutrophils and is modulated by neurotransmitters. Acta Parasitologica, 2018, 63, 270-279.	0.4	4
90	EhRab21 associates with the Golgi apparatus in Entamoeba histolytica. Parasitology Research, 2020, 119, 1629-1640.	0.6	4

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91	Subcellular Distribution and In Situ Localization of the Acid Phosphatase of <i>Entamoeba histolytica</i> . Archives of Medical Research, 2000, 31, S183-S184.	1.5	3
92	Liver function tests during amoebic liver abscess formation in indomethacin-treated hamsters. The Journal of Experimental Zoology, 2001, 290, 201-206.	1.4	3
93	Cytotoxicity of functionalized carbon nanotubes in J774A macrophages. New Biotechnology, 2012, 29, S203.	2.4	3
94	<i>Entamoeba histolytica</i> and <i>Entamoeba dispar</i> : Morphological and Behavioral Differences Induced by Fibronectin through GTPases Activation and Actin-Binding Proteins. Journal of Eukaryotic Microbiology, 2020, 67, 491-504.	0.8	3
95	Acetylcholine Upregulates <i>Entamoeba histolytica</i> Virulence Factors, Enhancing Parasite Pathogenicity in Experimental Liver Amebiasis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 586354.	1.8	3
96	<i>Entamoeba histolytica</i> Induces Cyclooxygenase-2 Expression in Macrophages During Amebic Liver Abscess Formation. Archives of Medical Research, 2000, 31, S122-S123.	1.5	2
97	Modulated TGF- β 2 Response in the Hamster Model in Response to Immunization with the Recombinant L1b Protein from <i>Entamoeba histolytica</i> . Archives of Medical Research, 2000, 31, S81-S83.	1.5	2
98	PHD finger protein 20-like protein 1 (PHF20L1) in ovarian cancer: from its overexpression in tissue to its upregulation by the ascites microenvironment. Cancer Cell International, 2022, 22, 6.	1.8	2
99	Secreted <i>Entamoeba histolytica</i> acid phosphatase (SAP). Archives of Medical Research, 1997, 28 Spec No, 184-5.	1.5	2
100	Effect of the Prostaglandin Analogue Misoprostol on Resistance to <i>Entamoeba histolytica</i> Infection in Balb/c Mice. Archives of Medical Research, 2000, 31, S119-S121.	1.5	1
101	Autokinase Activities in <i>Entamoeba histolytica</i> Induced by Extracellular Matrix Components. Archives of Medical Research, 2000, 31, S60-S62.	1.5	1
102	Editorial of the special issue "Parasitology in Mexico". Infection, Genetics and Evolution, 2009, 9, 1021-1022.	1.0	1
103	Morphological Findings in Trophozoites during Amoebic Abscess Development in Misoprostol-Treated BALB/c Mice. BioMed Research International, 2015, 2015, 1-7.	0.9	1
104	In vitro amoebicidal activity of the fruits and stems extracts of <i>Rhus trilobata</i> on <i>Entamoeba histolytica</i> trophozoites. Toxicology Letters, 2016, 259, S194.	0.4	1
105	Establishment of Electroporation Protocols in BT-20 and SKOV-3 Cell Lines based on Finite Element Modeling. , 2018, , .		1
106	Vorinostat, a possible alternative to metronidazole for the treatment of amebiasis caused by <i>Entamoeba histolytica</i> . Journal of Biomolecular Structure and Dynamics, 2020, 38, 597-603.	2.0	1
107	Editorial for the ICOPA XIII Special Issue. International Journal for Parasitology, 2014, 44, 579.	1.3	0
108	2708 Expression of integrins α 5b1, α 6b4 and α v β 3 and fucosylated haptoglobin in biopsies of patients with epithelial ovarian cancer. European Journal of Cancer, 2015, 51, S534.	1.3	0

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109	Subacute toxicity determination of intraperitoneal treatment of BALB/c mice with <i>Rhus trilobata</i> . <i>Toxicology Letters</i> , 2016, 259, S195.	0.4	0
110	Antineoplastic Activity of <i>Rhus trilobata</i> Nutt. (Anacardiaceae) against Ovarian Cancer and Identification of Active Metabolites in This Pathology. <i>Plants</i> , 2021, 10, 2074.	1.6	0
111	Protein Phosphatase PP2C Identification in <i>Entamoeba</i> spp. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	0
112	Importancia de las prostaglandinas en la amibiasis hepática. <i>Salud Publica De Mexico</i> , 2002, 44, .	0.1	0
113	Cytotoxic Activity of Gallic Acid and Myricetin against Ovarian Cancer Cells by Production of Reactive Oxygen Species. <i>Biology and Life Sciences Forum</i> , 2021, 7, 7.	0.6	0
114	Pharmacological Properties of Linearolactone against the Amoebiasis Caused by <i>Entamoeba histolytica</i> : An In Silico Study. <i>Medical Sciences Forum</i> , 2021, 7, .	0.5	0