Patricia TalamÃ¡s-Rohana

List of Publications by Year
in descending order

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	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
2	Tunable Raman scattering enhancement due to self-assembled Au nanoparticles layer on porous AAO: The influence of the alumina support. Applied Surface Science, 2021, 536, 147674.	3.1	11
3	Antineoplastic Activity of Rhus trilobata Nutt. (Anacardiaceae) against Ovarian Cancer and Identification of Active Metabolites in This Pathology. Plants, 2021, 10, 2074.	1.6	0
4	Protein Phosphatase PP2C Identification in Entamoeba spp. BioMed Research International, 2021, 2021, 1-11.	0.9	0
5	Cytotoxic Activity of Gallic Acid and Myricetin against Ovarian Cancer Cells by Production of Reactive Oxygen Species. Biology and Life Sciences Forum, 2021, 7, 7.	0.6	0
6	Pharmacological Properties of Linearolactone against the Amoebiasis Caused by Entamoeba histolytica: An In Silico Study. Medical Sciences Forum, 2021, 7, .	0.5	0
7	Vorinostat, a possible alternative to metronidazole for the treatment of amebiasis caused by Entamoeba histolytica. Journal of Biomolecular Structure and Dynamics, 2020, 38, 597-603.	2.0	1
8	Linearolactone and Kaempferol Disrupt the Actin Cytoskeleton in Entamoeba histolytica: Inhibition of Amoebic Liver Abscess Development. Journal of Natural Products, 2020, 83, 3671-3680.	1.5	11
9	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
10	EhRab21 associates with the Golgi apparatus in Entamoeba histolytica. Parasitology Research, 2020, 119, 1629-1640.	0.6	4
11	Effect of Gallic acid and Myricetin on ovarian cancer models: a possible alternative antitumoral treatment. BMC Complementary Medicine and Therapies, 2020, 20, 110.	1.2	37
12	Entamoeba histolytica and Entamoeba dispar: Morphological and Behavioral Differences Induced by Fibronectin through GTPases Activation and Actinâ€Binding Proteins. Journal of Eukaryotic Microbiology, 2020, 67, 491-504.	0.8	3
13	Acetylcholine Upregulates Entamoeba histolytica Virulence Factors, Enhancing Parasite Pathogenicity in Experimental Liver Amebiasis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 586354.	1.8	3
14	Biological and toxicological evaluation of Rhus trilobata Nutt. (Anacardiaceae) used traditionally in mexico against cancer. BMC Complementary and Alternative Medicine, 2019, 19, 153.	3.7	19
15	Ascites from Ovarian Cancer Induces Novel Fucosylated Proteins. Cancer Microenvironment, 2019, 12, 181-195.	3.1	8
16	Functional Characterization of an Interferon Gamma Receptor-Like Protein on Entamoeba histolytica. Infection and Immunity, 2019, 87, .	1.0	8
17	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
18	Decanethiol functionalized silver nanoparticles are new powerful leishmanicidals in vitro. World Journal of Microbiology and Biotechnology, 2018, 34, 38.	1.7	12

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19	Establishment of Electroporation Protocols in BT-20 and SKOV-3 Cell Lines based on Finite Element Modeling. , 2018, , .		1
20	Eh Rab21 mobilization during erythrophagocytosis in Entamoeba histolytica. Microscopy Research and Technique, 2018, 81, 1024-1035.	1.2	6
21	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
22	Leishmania mexicana gp63 is the enzyme responsible for cyclooxygenase (COX) activity in this parasitic protozoa. Biochimie, 2018, 151, 73-84.	1.3	9
23	GSTM3 and GSTP1: novel players driving tumor progression in cervical cancer. Oncotarget, 2018, 9, 21696-21714.	0.8	34
24	The translational blocking of Î±5 and Î±6 integrin subunits affects migration and invasion, and increases sensitivity to carboplatin of SKOV-3 ovarian cancer cell line. Experimental Cell Research, 2017, 351, 127-134.	1.2	18
25	Acanthamoeba (T4) trophozoites cross the MDCK epithelium without cell damage but increase paracellular permeability and transepithelial resistance by modifying tight junction composition. Experimental Parasitology, 2017, 183, 69-75.	0.5	12
26	Structural and functional characterization of the divergent Entamoeba Src using Src inhibitor-1. Parasites and Vectors, 2017, 10, 500.	1.0	7
27	Antiamoebic Activity of Adenophyllum aurantium (L.) Strother and Its Effect on the Actin Cytoskeleton of Entamoeba histolytica. Frontiers in Pharmacology, 2016, 07, 169.	1.6	14
28	Isoindoline Derivatives of Î±â€Amino Acids as Cyclooxygenase 1 and 2 Inhibitors. Archiv Der Pharmazie, 2016, 349, 175-185.	2.1	11
29	Subacute toxicity determination of intraperitoneal treatment of BALB/c mice with Rhus trilobata. Toxicology Letters, 2016, 259, S195.	0.4	0
30	In vitro amoebicidal activity of the fruits and stems extracts of Rhus trilobata on Entamoeba histolytica trophozoites. Toxicology Letters, 2016, 259, S194.	0.4	1
31	2708 Expression of integrins a5b1, a6b4 and aVb3 and fucosylated haptoglobin in biopsies of patients with epithelial ovarian cancer. European Journal of Cancer, 2015, 51, S534.	1.3	0
32	Morphological Findings in Trophozoites during Amoebic Abscess Development in Misoprostol-Treated BALB/c Mice. BioMed Research International, 2015, 2015, 1-7.	0.9	1
33	Integrins and haptoglobin: Molecules overexpressed in ovarian cancer. Pathology Research and Practice, 2015, 211, 973-981.	1.0	20
34	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. Cell Adhesion and Migration, 2015, 9, 394-405.	1.1	15
35	Cell-matrix interactions of Entamoeba histolytica and E. dispar. A comparative study by electron-, atomic force- and confocal microscopy. Experimental Cell Research, 2015, 337, 226-233.	1.2	11
36	Erythrophagocytosis inEntamoeba histolyticaandEntamoeba dispar: A Comparative Study. BioMed Research International, 2014, 2014, 1-10.	0.9	26

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37	Effect of two series of isoindolines over HDAC8 activity and expression. Medicinal Chemistry Research, 2014, 23, 3227-3234.	1.1	6
38	Editorial for the ICOPA XIII Special Issue. International Journal for Parasitology, 2014, 44, 579.	1.3	0
39	Proteomic identification of fucosylated haptoglobin alpha isoforms in ascitic fluids and its localization in ovarian carcinoma tissues from Mexican patients. Journal of Ovarian Research, 2014, 7, 27.	1.3	17
40	Differential immune response in mice immunized with the A, R or C domain from Tc<scp>SP</scp> protein of Trypanosoma cruzi or with the coding <scp>DNA</scp>s. Parasite Immunology, 2013, 35, 32-41.	0.7	11
41	How Stressed are Birds in an Urbanizing Landscape? Relationships between the Physiology of Birds and Three Levels of Habitat Alteration. Condor, 2013, 115, 84-92.	0.7	30
42	Exploring the Possible Role of Lysine Acetylation onEntamoeba histolyticaVirulence: A Focus on the Dynamics of the Actin Cytoskeleton. BioMed Research International, 2013, 2013, 1-9.	0.9	10
43	Actin, RhoA, and Rab11 Participation during Encystment inEntamoeba invadens. BioMed Research International, 2013, 2013, 1-13.	0.9	20
44	Reevaluating the Role ofAcanthamoebaProteases in Tissue Invasion: Observation of Cytopathogenic Mechanisms on MDCK Cell Monolayers and Hamster Corneal Cells. BioMed Research International, 2013, 2013, 1-13.	0.9	26
45	PPAR Activation Induces M1 Macrophage Polarization via cPLA₂-COX-2 Inhibition, Activating ROS Production againstLeishmania mexicana. BioMed Research International, 2013, 2013, 1-13.	0.9	36
46	Treg Cells Induced by rSSP4 Derived fromT. cruziAmastigotes Increase Parasitemia in an Experimental Chagas Disease Model. BioMed Research International, 2013, 2013, 1-10.	0.9	12
47	Src and PI3 K inhibitors affect the virulence factors ofEntamoeba histolytica. Parasitology, 2013, 140, 202-209.	0.7	20
48	Cytotoxicity of functionalized carbon nanotubes in J774A macrophages. New Biotechnology, 2012, 29, S203.	2.4	3
49	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.. Biochemistry and Cell Biology, 2012, 90, 425-434.	0.9	17
50	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
51	Cytotoxicity of functionalized carbon nanotubes in J774A macrophages. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 853-859.	1.7	59
52	Differences in cap formation between invasive Entamoeba histolytica and non-invasive Entamoeba dispar. Parasitology Research, 2012, 111, 215-221.	0.6	11
53	Entamoeba histolyticaelectrondense granules secretion in vitro and in vivo: Ultrastructural study. Microscopy Research and Technique, 2012, 75, 189-196.	1.2	9
54	Rab7 and actin cytoskeleton participate during mobilization of Î²1EHFNR in fibronectinâ€stimulated Entamoeba histolyticatrophozoites. Microscopy Research and Technique, 2012, 75, 285-293.	1.2	13

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55	Clinical case of cerebral amebiasis caused by E. histolytica. Parasitology Research, 2012, 110, 1291-1296.	0.6	31
56	A DNA Vaccine Encoding for TcSSP4 Induces Protection against Acute and Chronic Infection in Experimental Chagas Disease. International Journal of Biological Sciences, 2011, 7, 1230-1238.	2.6	21
57	IL-10-IFN-Î³ Double Producers CD4+ T Cells Are Induced by Immunization with an Amastigote Stage Specific Derived Recombinant Protein of Trypanosoma Cruzi. International Journal of Biological Sciences, 2011, 7, 1093-1100.	2.6	21
58	Absence of CD38 delays arrival of neutrophils to the liver and innate immune response development during hepatic amoebiasis by Entamoeba histolytica. Parasite Immunology, 2011, 33, 661-668.	0.7	29
59	Differentiation of Entamoeba histolytica: A possible role for enolase. Experimental Parasitology, 2011, 129, 65-71.	0.5	22
60	Entamoeba invadens, encystation process and enolase. Experimental Parasitology, 2010, 125, 63-69.	0.5	29
61	Stress responses of the House Sparrow (Passer domesticus) to different urban land uses. Landscape and Urban Planning, 2010, 98, 183-189.	3.4	37
62	cDNA cloning and partial characterization of amastigote specific surface protein from Trypanosoma cruzi. Infection, Genetics and Evolution, 2009, 9, 1083-1091.	1.0	11
63	Physical, structural, and functional properties of the Î²1 integrin-like fibronectin receptor (Î²1EhFNR) in Entamoeba histolytica. Infection, Genetics and Evolution, 2009, 9, 962-970.	1.0	19
64	Editorial of the special issue â€œParasitology in Mexicoâ€• Infection, Genetics and Evolution, 2009, 9, 1021-1022.	1.0	1
65	Participation of Rho, ROKâ€2, and GAP activities during actin microfilament rearrangements in Entamoeba histolytica induced by fibronectin signaling. Cell Biology International, 2008, 32, 984-1000.	1.4	23
66	Entamoeba histolytica: Fibrilar aggregates in dividing trophozoites. Experimental Parasitology, 2008, 118, 280-284.	0.5	8
67	Acanthamoeba castellanii: Identification and distribution of actin cytoskeleton. Experimental Parasitology, 2008, 119, 411-417.	0.5	26
68	Subcellular distribution of the Entamoeba histolytica 140 kDa FN-binding molecule during host-parasite interaction. Parasitology, 2007, 134, 169-177.	0.7	12
69	Cloning and partial characterization of Entamoeba histolytica PTPases. Biochemical and Biophysical Research Communications, 2006, 342, 1014-1021.	1.0	13
70	Role of extracellular matrix-cell interaction and epidermal growth factor (EGF) on EGF-receptors and actin cytoskeleton arrangement in infantile pituitary cells. Cell and Tissue Research, 2006, 327, 143-153.	1.5	15
71	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
72	The Cytoskeleton of Entamoeba histolytica: Structure, Function, and Regulation by Signaling Pathways. Archives of Medical Research, 2006, 37, 234-243.	1.5	62

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73	Downregulation of Selected Cytokines in Amebiasis. Archives of Medical Research, 2006, 37, 556-558.	1.5	6
74	Recombinant SSP4 protein from Trypanosoma cruzi amastigotes regulates nitric oxide production by macrophages. Parasite Immunology, 2004, 26, 409-418.	0.7	15
75	Entamoeba histolytica: induction of cyclooxygenase-2 expression during amoebic liver abscess formation in hamsters (Mesocricetus auratus). Experimental Parasitology, 2004, 106, 119-125.	0.5	17
76	Entamoeba histolytica: ultrastructure of trophozoites recovered from experimental liver lesions. Experimental Parasitology, 2004, 107, 39-46.	0.5	15
77	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
78	Entamoeba histolytica: cDNAs cloned as 30kDa collagen-binding proteins (CBP) belong to an antioxidant molecule family.â˜†Protection of hamsters from amoebic liver abscess by immunization with recombinant CBP. Experimental Parasitology, 2004, 108, 7-17.	0.5	8
79	Entamoeba histolytica: a Î²1 integrin-like fibronectin receptor assembles a signaling complex similar to those of mammalian cells. Experimental Parasitology, 2003, 103, 8-15.	0.5	33
80	An ecto-protein tyrosine phosphatase of Entamoeba histolytica induces cellular detachment by disruption of actin filaments in HeLa cells. International Journal for Parasitology, 2003, 33, 663-670.	1.3	29
81	BFA-sensitive and insensitive exocytic pathways in Entamoeba histolytica trophozoites: their relationship to pathogenesis. Cellular Microbiology, 2003, 5, 921-932.	1.1	47
82	Specific antibody immune response against the parasitic portion of a glutathioneâ€Sâ€transferase fusion protein. FASEB Journal, 2003, 17, 621-627.	0.2	9
83	Membrane-bound acid phosphatase (MAP) from Entamoeba histolytica has phosphotyrosine phosphatase activity and disrupts the actin cytoskeleton of host cells. Parasitology, 2003, 126, 195-202.	0.7	25
84	Differentiation of entamoeba histolytica/entamoeba dispar by PCR and their correlation with humoral and cellular immunity in individuals with clinical variants of amoebiasis.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 731-737.	0.6	41
85	Importancia de las prostaglandinas en la amibiasis hepÃ¡tica. Salud Publica De Mexico, 2002, 44, .	0.1	0
86	In vitroindomethacin administration upregulates interleukin-12 production and polarizes the immune response towards a Th1 type in susceptible BALB/c mice infected withLeishmania mexicana. Parasite Immunology, 2001, 23, 599-606.	0.7	18
87	Liver function tests during amoebic liver abscess formation in indomethacin-treated hamsters. The Journal of Experimental Zoology, 2001, 290, 201-206.	1.4	3
88	Entamoeba histolytica: Monoclonal Antibody against the Î²1 Integrin-like Molecule (140 kDa) Inhibits Cell Adhesion to Extracellular Matrix Components. Experimental Parasitology, 2001, 98, 83-89.	0.5	20
89	Entamoeba histolytica Induces Cyclooxygenase-2 Expression in Macrophages During Amebic Liver Abscess Formation. Archives of Medical Research, 2000, 31, S122-S123.	1.5	2
90	Effect of the Prostaglandin Analogue Misoprostol on Resistance to Entamoeba histolytica Infection in Balb/c Mice. Archives of Medical Research, 2000, 31, S119-S121.	1.5	1

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91	Autokinase Activities in Entamoeba histolytica Induced by Extracellular Matrix Components. Archives of Medical Research, 2000, 31, S60-S62.	1.5	1
92	Modulated TGF-Î² Response in the Hamster Model in Response to Immunization with the Recombinant L1b Protein from Entamoeba histolytica. Archives of Medical Research, 2000, 31, S81-S83.	1.5	2
93	Seroprevalence of Anti-Entamoeba histolytica Antibodies by IHA and ELISA Assays in Blood Donors from Puebla, Mexico. Archives of Medical Research, 2000, 31, S53-S54.	1.5	14
94	Increased Nitric Oxide Levels in Patients with Acute Intestinal Amebiasis. Archives of Medical Research, 2000, 31, S87-S88.	1.5	4
95	Actin Stress Fibers in Entamoeba histolytica Induced by Fibronectin. Archives of Medical Research, 2000, 31, S131-S133.	1.5	16
96	Monoclonal Antibody Specific to the Î²1 Integrin-Like Molecule (140 kDa) Immunoprecipitates a Protein Complex of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S147-S148.	1.5	5
97	Subcellular Distribution and In Situ Localization of the Acid Phosphatase of Entamoeba histolytica. Archives of Medical Research, 2000, 31, S183-S184.	1.5	3
98	Purification and properties of an acid phosphatase from Entamoeba histolytica HM-1:IMSS. International Journal for Parasitology, 2000, 30, 585-591.	1.3	17
99	Entamoeba histolytica: Tyrosine Kinase Activity Induced by Fibronectin through the Î²1-Integrin-like Molecule. Experimental Parasitology, 2000, 95, 85-95.	0.5	17
100	Increased Renal Vasoconstriction and Gene Expression of Cyclooxygenase-1 in Renovascular Hypertension. Journal of Cardiovascular Pharmacology, 2000, 36, 577-583.	0.8	10
101	Entamoeba dispar Contains but Does Not Secrete Acid Phosphatase as Does Entamoeba histolytica. Experimental Parasitology, 1999, 92, 219-222.	0.5	17
102	Entamoeba histolytica Contains a ?1 Integrin-like Molecule Similar to Fibronectin Receptors from Eukaryotic Cells. Journal of Eukaryotic Microbiology, 1998, 45, 356-360.	0.8	34
103	Role of Prostaglandin E2 on Amoebic Liver Abscess Formation in Hamsters. Prostaglandins, 1997, 53, 411-421.	1.2	24
104	Secreted Entamoeba histolytica acid phosphatase (SAP). Archives of Medical Research, 1997, 28 Spec No, 184-5.	1.5	2
105	T-cell suppression and selective in vivo activation of TH2 subpopulation by the Entamoeba histolytica 220-kilodalton lectin. Infection and Immunity, 1995, 63, 3953-3958.	1.0	24
106	A Î²1 integrin-like molecule in Entamoeba histolytica. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1994, 88, 596-599.	0.7	28
107	Identification and partial purification of an Entamoeba histolytica membrane protein that binds fibronectin. Archives of Medical Research, 1992, 23, 119-23.	1.5	20
108	Purification and partial characterization of an hemolytic activity from Entamoeba histolytica. Archives of Medical Research, 1992, 23, 243-8.	1.5	8

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109	Lipophosphoglycan from Leishmania mexicana promastigotes binds to members of the CR3, p150,95 and LFA-1 family of leukocyte integrins. Journal of Immunology, 1990, 144, 4817-24.	0.4	121
110	Leishmania and the macrophage: a marriage of inconvenience. Trends in Immunology, 1989, 10, 328-333.	7.5	118
111	Antibodies raised against synthetic peptides from the Arg-Gly-Asp-containing region of the Leishmania surface protein gp63 cross-react with human C3 and interfere with gp63-mediated binding to macrophages. Infection and Immunity, 1989, 57, 630-632.	1.0	30
112	Interaction between pathogenic amebas and fibronectin: substrate degradation and changes in cytoskeleton organization.. Journal of Cell Biology, 1988, 106, 1787-1794.	2.3	106
113	Use of Antibodies to Characterize a 220-Kilodalton Surface Protein from Entamoeba histolytica. Journal of Infectious Diseases, 1987, 156, 798-805.	1.9	40
114	Isolation of a 220-Kilodalton Protein With Lectin Properties From a Virulent Strain of Entamoeba histolytica. Journal of Infectious Diseases, 1987, 156, 790-797.	1.9	72