Maria Elizbeth Alvarez Sanchez

List of Publications by Year
in descending order

52 papers	1,412 citations	516561 16 h-index	345118 36 g-index
53 all docs	53 docs citations	53 times ranked	1971 citing authors

#	Article	IF	Citations
1	Role of Matrix Metalloproteinases in Angiogenesis and Cancer. Frontiers in Oncology, 2019, 9, 1370.	1.3	570
2	Protein Kinases and Transcription Factors Activation in Response to UV-Radiation of Skin: Implications for Carcinogenesis. International Journal of Molecular Sciences, 2012, 13, 142-172.	1.8	126
3	A novel cysteine proteinase (CP65) of Trichomonas vaginalis involved in cytotoxicity. Microbial Pathogenesis, 2000, 28, 193-202.	1.3	105
4	The effects of environmental factors on the virulence of Trichomonas vaginalis. Microbes and Infection, 2012, 14, 1411-1427.	1.0	78
5	Breast cancer proteomics reveals a positive correlation between glyoxalase 1 expression and high tumor grade. International Journal of Oncology, 2012, 41, 670-680.	1.4	54
6	Negative iron regulation of the CP65 cysteine proteinase cytotoxicity in Trichomonas vaginalis. Microbes and Infection, 2007, 9, 1597-1605.	1.0	45
7	Cooperative multi-targeting of signaling networks by angiomiR-204 inhibits vasculogenic mimicry in breast cancer cells. Cancer Letters, 2018, 432, 17-27.	3.2	33
8	Proteomic profiling reveals that EhPC4 transcription factor induces cell migration through up-regulation of the 16-kDa actin-binding protein EhABP16 in Entamoeba histolytica. Journal of Proteomics, 2014, 111, 46-58.	1.2	31
9	Polyamine depletion down-regulates expression of the Trichomonas vaginalis cytotoxic CP65, a 65-kDa cysteine proteinase involved in cellular damage. International Journal of Biochemistry and Cell Biology, 2008, 40, 2442-2451.	1.2	28
10	Hap2, a novel gene in Babesia bigemina is expressed in tick stages, and specific antibodies block zygote formation. Parasites and Vectors, 2017, 10, 568.	1.0	25
11	Entamoeba histolytica Up-Regulates MicroRNA-643 to Promote Apoptosis by Targeting XIAP in Human Epithelial Colon Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 437.	1.8	20
12	In vitro effects of stromal cells expressing different levels of Jagged-1 and Delta-1 on the growth of primitive and intermediate CD34+ cell subsets from human cord blood. Blood Cells, Molecules, and Diseases, 2011, 47, 205-213.	0.6	19
13	Comparative proteomic profiling of triple-negative breast cancer reveals that up-regulation of RhoGDI-2 is associated to the inhibition of caspase 3 and caspase 9. Journal of Proteomics, 2014, 111, 198-211.	1.2	19
14	TvMP50 is an Immunogenic Metalloproteinase during Male Trichomoniasis. Molecular and Cellular Proteomics, 2013, 12, 1953-1964.	2.5	18
15	Location of the cell-binding domain of CP65, a 65kDa cysteine proteinase involved in Trichomonas vaginalis cytotoxicity. International Journal of Biochemistry and Cell Biology, 2006, 38, 2114-2127.	1.2	17
16	The identification of a VDAC-like protein involved in the interaction of Babesia bigemina sexual stages with Rhipicephalus microplus midgut cells. Veterinary Parasitology, 2012, 187, 538-541.	0.7	17
17	The 50 kDa metalloproteinase TvMP50 is a zinc-mediated Trichomonas vaginalis virulence factor. Molecular and Biochemical Parasitology, 2017, 217, 32-41.	0.5	16
18	Angiogenesis Analysis by In Vitro Coculture Assays in Transwell Chambers in Ovarian Cancer. Methods in Molecular Biology, 2018, 1699, 179-186.	0.4	12

#	Article	IF	Citations
19	Putrescine-Dependent Re-Localization of TvCP39, a Cysteine Proteinase Involved in Trichomonas vaginalis Cytotoxicity. PLoS ONE, 2014, 9, e107293.	1.1	12
20	Identification of two novel Trichomonas vaginalis eif-5a genes. Infection, Genetics and Evolution, 2010, 10, 284-291.	1.0	11
21	Translation initiation factor eIF-5A, the hypusine-containing protein, is phosphorylated on serine and tyrosine and O-glycosylated in Trichomonas vaginalis. Microbial Pathogenesis, 2012, 52, 177-183.	1.3	11
22	Pharmaco-epigenomics: On theÂRoad of Translation Medicine. Advances in Experimental Medicine and Biology, 2019, 1168, 31-42.	0.8	11
23	Putrescine is required for the expression of eif-5a in Trichomonas vaginalis. Molecular and Biochemical Parasitology, 2011, 180, 8-16.	0.5	10
24	BmVDAC upregulation in the midgut of Rhipicephalus microplus, during infection with Babesia bigemina. Veterinary Parasitology, 2015, 212, 368-374.	0.7	10
25	Genome-wide identification, in silico characterization and expression analysis of ZIP-like genes from Trichomonas vaginalis in response to Zinc and Iron. BioMetals, 2017, 30, 663-675.	1.8	10
26	Two Trichomonas vaginalis Loci Encoding for Distinct Cysteine Proteinases Show a Genomic Linkage with Putative Inositol Hexakisphosphate Kinase (IP6K2) or an ABC Transporter Gene. Journal of Eukaryotic Microbiology, 2003, 50, 702-705.	0.8	9
27	TvZNF1 is a C2H2 zinc finger protein of Trichomonas vaginalis. BioMetals, 2017, 30, 861-872.	1.8	9
28	Chronic infection with Mycobacterium lepraemurium induces alterations in the hippocampus associated with memory loss. Scientific Reports, 2018, 8, 9063.	1.6	9
29	Trichomonicidal activity of a new anthraquinone isolated from the roots of Morinda panamensis Seem. Drug Development Research, 2019, 80, 155-161.	1.4	9
30	Immune Response of BALB/c Mice toward Putative Calcium Transporter Recombinant Protein of Trichomonas vaginalis. Korean Journal of Parasitology, 2019, 57, 33-38.	0.5	8
31	Bifunctional activity of deoxyhypusine synthase/hydroxylase from Trichomonas vaginalis. Biochimie, 2016, 123, 37-51.	1.3	7
32	The Role of Iron Status in the Early Progression of Metronidazole Resistance in Trichomonas vaginalis Under Microaerophilic Conditions. Journal of Eukaryotic Microbiology, 2019, 66, 309-315.	0.8	7
33	Trichomonas vaginalis ribosomal DNA: analysis of the intergenic region and mapping of the transcription start point. Molecular and Biochemical Parasitology, 2004, 137, 175-179.	0.5	5
34	Trichomonas vaginalis metalloproteinase TvMP50 is a monomeric Aminopeptidase P-like enzyme. Molecular Biotechnology, 2018, 60, 563-575.	1.3	5
35	Polyamine Transport and Synthesis in Trichomonas vaginalis: Potential Therapeutic Targets. Current Pharmaceutical Design, 2017, 23, 3359-3366.	0.9	5
36	Recent Insights in Pre-mRNA 3-End Processing Signals and Proteins in the Protozoan Parasite Entamoeba histolytica. Infectious Disorders - Drug Targets, 2010, 10, 258-265.	0.4	4

#	Article	IF	Citations
37	Identification of the Phosphorylated Residues in TveIF5A by Mass Spectrometry. Genomics, Proteomics and Bioinformatics, 2013, 11, 378-384.	3.0	4
38	Cadmium-dependent expression of a new metallothionein identified in Trichomonas vaginalis. BioMetals, 2019, 32, 887-899.	1.8	4
39	In Vitro Activation of Macrophages by an MHC Class II-restricted Trichomonas Vaginalis TvZIP8-derived Synthetic Peptide. Immunological Investigations, 2022, 51, 88-102.	1.0	3
40	Natural marine products as antiprotozoal agents against amitochondrial parasites. International Journal for Parasitology: Drugs and Drug Resistance, 2022, 19, 40-46.	1.4	3
41	Transcriptional profile of processing machinery of 3â€² end of mRNA in Trichomonas vaginalis. Genes and Genomics, 2015, 37, 399-408.	0.5	2
42	Identification of a perchloric acid-soluble protein (PSP)-like ribonuclease from Trichomonas vaginalis. Parasitology Research, 2018, 117, 3639-3652.	0.6	2
43	Lipoproteomics: Methodologies and Analysis of Lipoprotein-Associated Proteins along with the Drug Intervention. , 0, , .		2
44	The effect of Zn2+ on prostatic cell cytotoxicity caused by Trichomonas vaginalis. Journal of Integrated OMICS, 2011, 1, .	0.5	2
45	Recombinant Trichomonas vaginalis eIF-5A protein expressed from a eukaryotic system binds specifically to mammalian and putative trichomonal eIF-5A response elements (EREs). Parasitology International, 2016, 65, 625-631.	0.6	1
46	Zinc Efflux in Trichomonas vaginalis: In Silico Identification and Expression Analysis of CDF-Like Genes. , 2018, , 149-168.		1
47	Proteomic profile approach of effect of putrescine depletion over Trichomonas vaginalis. Parasitology Research, 2018, 117, 1371-1380.	0.6	1
48	Matrix metalloproteinases deregulation in amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2020, 419, 117175.	0.3	1
49	Lupeol acetate isolated from Chrysophyllum cainito L. fruit as a template for the synthesis of N-alkyl-arylsulfonamide derivatives and their synergistic effects with metronidazole against Trichomonas vaginalis. Natural Product Research, 2022, 36, 5508-5516.	1.0	1
50	MicroRNAs, Geneâ€™s Regulator in Prostate Cancer. , 2018, , 21-36.		0
51	In silico analysis of putative metal response elements (MREs) in the zinc-responsive genes from Trichomonas vaginalis and the identification of novel palindromic MRE-like motif. BioMetals, 2020, 33, 229-240.	1.8	0
52	Antitrichomonal activity and docking analysis of thiazole derivatives as TvMP50 protease inhibitors. Parasitology Research, 2021, 120, 233-241.	0.6	0