

Sergio O Angel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,482
citations

24
h-index

35
g-index

73
ext. papers

1,656
ext. citations

3.7
avg, IF

3.89
L-index

#	Paper	IF	Citations
70	Genome-wide localization of histone variants in <i>Toxoplasma gondii</i> implicates variant exchange in stage-specific gene expression.. <i>BMC Genomics</i> , 2022 , 23, 128	4.5	1
69	Evaluation of <i>Toxoplasma gondii</i> recombinant antigens for early diagnosis of congenital toxoplasmosis.. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 102, 115608	2.9	
68	Oral Immunization With a Plant HSP90-SAG1 Fusion Protein Produced in Tobacco Elicits Strong Immune Responses and Reduces Cyst Number and Clinical Signs of Toxoplasmosis in Mice. <i>Frontiers in Plant Science</i> , 2021 , 12, 726910	6.2	0
67	Resveratrol induces H3 and H4K16 deacetylation and H2A.X phosphorylation in <i>Toxoplasma gondii</i> . <i>BMC Research Notes</i> , 2021 , 14, 19	2.3	3
66	Effect of Harmine Alkaloid and Its -Methyl Derivatives Against. <i>Frontiers in Microbiology</i> , 2021 , 12, 716534	4.7	1
65	Apicomplexa and Histone Variants: What's New? 2020 ,		2
64	Emerging Therapeutic Targets Against : Update on DNA Repair Response Inhibitors and Genotoxic Drugs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 289	5.9	8
63	Heat Shock Proteins 90 kDa: Immunomodulators and Adjuvants in Vaccine Design Against Infectious Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 622186	5.8	4
62	Evaluation of ATM Kinase Inhibitor KU-55933 as Potential Anti- Agent. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 26	5.9	15
61	seropositivity associated to peri-urban living places in pregnant women in a rural area of Buenos Aires province, Argentina. <i>Parasite Epidemiology and Control</i> , 2019 , 7, e00121	2.6	4
60	Serological diagnosis of Toxoplasmosis disease using a fluorescent immunosensor with chitosan-ZnO-nanoparticles. <i>Analytical Biochemistry</i> , 2019 , 564-565, 116-122	3.1	18
59	A Comprehensive Review of <i>Toxoplasma Gondii</i> Biology and Host-Cell Interaction: Challenges for a Plant-Based Vaccine 2018 , 89-120		4
58	A comprehensive analysis of direct and photosensitized attenuation of <i>Toxoplasma gondii</i> tachyzoites. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 177, 8-17	6.7	2
57	The Knowns Unknowns: Exploring the Homologous Recombination Repair Pathway in <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 627	5.7	3
56	<i>Toxoplasma gondii</i> Hsp90: potential roles in essential cellular processes of the parasite. <i>Parasitology</i> , 2014 , 141, 1138-47	2.7	6
55	Characterization of <i>Toxoplasma gondii</i> subtelomeric-like regions: identification of a long-range compositional bias that is also associated with gene-poor regions. <i>BMC Genomics</i> , 2014 , 15, 21	4.5	6
54	Canonical histone H2Ba and H2A.X dimerize in an opposite genomic localization to H2A.Z/H2B.Z dimers in <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 2014 , 197, 36-42	1.9	8

53	A Neospora caninum vaccine using recombinant proteins fails to prevent foetal infection in pregnant cattle after experimental intravenous challenge. <i>Veterinary Immunology and Immunopathology</i> , 2014 , 162, 142-53	2	12
52	Protozoan HSP90-heterocomplex: molecular interaction network and biological significance. <i>Current Protein and Peptide Science</i> , 2014 , 15, 245-55	2.8	6
51	In vitro evaluation of Ecarboline alkaloids as potential anti-Toxoplasma agents. <i>BMC Research Notes</i> , 2013 , 6, 193	2.3	39
50	The histone code of <i>Toxoplasma gondii</i> comprises conserved and unique posttranslational modifications. <i>MBio</i> , 2013 , 4, e00922-13	7.8	61
49	Epichromatin is conserved in <i>Toxoplasma gondii</i> and labels the exterior parasite chromatin throughout the cell cycle. <i>Parasitology</i> , 2013 , 140, 1104-10	2.7	3
48	N-terminal palmitoylation is required for <i>Toxoplasma gondii</i> HSP20 inner membrane complex localization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1329-37	4.9	17
47	A review of recent patents on the protozoan parasite HSP90 as a drug target. <i>Recent Patents on Biotechnology</i> , 2013 , 7, 2-8	2.2	13
46	Protein palmitoylation inhibition by 2-bromopalmitate alters gliding, host cell invasion and parasite morphology in <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 2012 , 184, 39-43	1.9	30
45	<i>Toxoplasma</i> histone acetylation remodelers as novel drug targets. <i>Expert Review of Anti-Infective Therapy</i> , 2012 , 10, 1189-201	5.5	29
44	<i>Toxoplasma gondii</i> Sis1-like J-domain protein is a cytosolic chaperone associated to HSP90/HSP70 complex. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 725-33	7.9	9
43	Plant Hsp90 proteins interact with B-cells and stimulate their proliferation. <i>PLoS ONE</i> , 2011 , 6, e21231	3.7	14
42	The Hsp90 co-chaperone p23 of <i>Toxoplasma gondii</i> : Identification, functional analysis and dynamic interactome determination. <i>Molecular and Biochemical Parasitology</i> , 2010 , 172, 129-40	1.9	28
41	Evaluation of the antigenic value of recombinant <i>Toxoplasma gondii</i> HSP20 to detect specific immunoglobulin G antibodies in <i>Toxoplasma</i> infected humans. <i>Experimental Parasitology</i> , 2010 , 126, 263-6	2.1	13
40	Serology using rROP2 antigen in the diagnostic of toxoplasmosis in pregnant women. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2009 , 51, 283-8	2.2	7
39	Structural and functional diversity in the family of small heat shock proteins from the parasite <i>Toxoplasma gondii</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009 , 1793, 1738-48	4.9	20
38	<i>Toxoplasma</i> H2A variants reveal novel insights into nucleosome composition and functions for this histone family. <i>Journal of Molecular Biology</i> , 2009 , 392, 33-47	6.5	44
37	Efficient expression of a <i>Toxoplasma gondii</i> dense granule Gra4 antigen in tobacco leaves. <i>Experimental Parasitology</i> , 2008 , 120, 118-22	2.1	11
36	<i>Toxoplasma gondii</i> Hsp20 is a stripe-arranged chaperone-like protein associated with the outer leaflet of the inner membrane complex. <i>Biology of the Cell</i> , 2008 , 100, 479-89	3.5	31

35	Toxoplasma gondii protease inhibitor-1 (TgPI-1) is a novel vaccine candidate against toxoplasmosis. <i>Vaccine</i> , 2008 , 26, 5040-5	4.1	27
34	Toxoplasma gondii has two lineages of histones 2b (H2B) with different expression profiles. <i>Molecular and Biochemical Parasitology</i> , 2006 , 148, 103-7	1.9	24
33	Kinetic analysis of the humoral immune response against 3 Toxoplasma gondii-recombinant proteins in infants with suspected congenital toxoplasmosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006 , 56, 161-5	2.9	18
32	Potent antigen-specific immunity to Toxoplasma gondii in adjuvant-free vaccination system using Rop2-Leishmania infantum Hsp83 fusion protein. <i>Vaccine</i> , 2006 , 24, 4102-10	4.1	29
31	Histones and histone modifications in protozoan parasites. <i>Cellular Microbiology</i> , 2006 , 8, 1850-61	3.9	66
30	Toxoplasma gondii Hsp90 is a potential drug target whose expression and subcellular localization are developmentally regulated. <i>Journal of Molecular Biology</i> , 2005 , 350, 723-34	6.5	80
29	Production of the main surface antigen of Toxoplasma gondii in tobacco leaves and analysis of its antigenicity and immunogenicity. <i>Molecular Biotechnology</i> , 2005 , 30, 41-50	3	24
28	High polymorphism in genes encoding antigen B from human infecting strains of Echinococcus granulosus. <i>Parasitology</i> , 2005 , 131, 805-15	2.7	49
27	Variability and heritability of cell division pathways in Toxoplasma gondii. <i>Journal of Cell Science</i> , 2004 , 117, 5697-705	5.3	28
26	Recombinant GRA4 or ROP2 protein combined with alum or the gra4 gene provides partial protection in chronic murine models of toxoplasmosis. <i>Vaccine Journal</i> , 2004 , 11, 704-10		73
25	Identification and characterization of serine proteinase inhibitors from Neospora caninum. <i>Molecular and Biochemical Parasitology</i> , 2004 , 136, 101-7	1.9	12
24	Identification and characterization of an interspersed repetitive DNA fragment in Plasmodium vivax with potential use for specific parasite detection. <i>Experimental Parasitology</i> , 2004 , 108, 81-8	2.1	
23	Structure analysis of two Toxoplasma gondii and Neospora caninum satellite DNA families and evolution of their common monomeric sequence. <i>Journal of Molecular Evolution</i> , 2004 , 58, 557-67	3.1	7
22	Long-term protective immune response elicited by vaccination with an expression genomic library of Toxoplasma gondii. <i>Infection and Immunity</i> , 2003 , 71, 5407-11	3.7	17
21	Protective effect of a naked DNA vaccine cocktail against lethal toxoplasmosis in mice. <i>Vaccine</i> , 2003 , 21, 1327-35	4.1	69
20	Evaluation of Toxoplasma gondii recombinant proteins for the diagnosis of recently acquired toxoplasmosis by an immunoglobulin G analysis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2003 , 47, 609-13	2.9	56
19	Subcellular localization and post-secretory targeting of TgPI, a serine proteinase inhibitor from Toxoplasma gondii. <i>Molecular and Biochemical Parasitology</i> , 2002 , 121, 283-6	1.9	29
18	Otimizaço da reao de polimerase em cadeia para deteco de Toxoplasma gondii em sangue venoso e placenta de gestantes. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2002 , 38, 105-110 ²⁻³		5

17	Analysis of the adjuvant effect of recombinant <i>Leishmania infantum</i> Hsp83 protein as a tool for vaccination. <i>Immunology Letters</i> , 2001 , 76, 107-10	4.1	18
16	High level of expression of the <i>Toxoplasma gondii</i> -recombinant Rop2 protein in <i>Escherichia coli</i> as a soluble form for optimal use in diagnosis. <i>Molecular Biotechnology</i> , 2001 , 18, 269-73	3	14
15	Immunodiagnosis of fasciolosis using recombinant procathepsin L cystein proteinase. <i>Diagnostic Microbiology and Infectious Disease</i> , 2001 , 41, 43-9	2.9	68
14	Genomic clustering of the <i>Trypanosoma cruzi</i> nonlong terminal L1Tc retrotransposon with defined interspersed repeated DNA elements. <i>Electrophoresis</i> , 2000 , 21, 2973-82	3.6	22
13	Characterisation of a novel interspersed <i>Toxoplasma gondii</i> DNA repeat with potential uses for PCR diagnosis and PCR-RFLP analysis. <i>FEMS Microbiology Letters</i> , 2000 , 184, 23-7	2.9	7
12	Expression of a cDNA encoding a <i>Toxoplasma gondii</i> protein belonging to the heat-shock 90 family and analysis of its antigenicity. <i>FEMS Microbiology Letters</i> , 2000 , 190, 209-13	2.9	13
11	Molecular cloning, sequencing and expression of a serine proteinase inhibitor gene from <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 2000 , 107, 241-9	1.9	43
10	Arrays of repetitive DNA elements in the largest chromosomes of <i>Toxoplasma gondii</i> . <i>Genome</i> , 1999 , 42, 265-9	2.4	8
9	Immunostimulatory properties of the <i>Leishmania infantum</i> heat shock proteins HSP70 and HSP83. <i>Molecular Immunology</i> , 1999 , 36, 1131-9	4.3	51
8	Detection of human <i>Toxoplasma</i> -specific immunoglobulins A, M, and G with a recombinant <i>Toxoplasma gondii</i> rop2 protein. <i>Vaccine Journal</i> , 1998 , 5, 627-31		45
7	Screening for active toxoplasmosis in patients by DNA hybridization with the ABGTg7 probe in blood samples. <i>Journal of Clinical Microbiology</i> , 1997 , 35, 591-5	9.7	22
6	During canine leishmaniasis a protein belonging to the 83-kDa heat-shock protein family elicits a strong humoral response. <i>Acta Tropica</i> , 1996 , 62, 45-56	3.2	38
5	During active viscerocutaneous leishmaniasis the anti-P2 humoral response is specifically triggered by the parasite P proteins. <i>Clinical and Experimental Immunology</i> , 1995 , 100, 246-52	6.2	25
4	A simple and economic slide micro-immunoenzymatic (micro-SIA) test for epidemiological studies of toxoplasmosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1994 , 89, 47-51	2.6	1
3	Early diagnosis of toxoplasmic encephalitis in AIDS patients by dot blot hybridization analysis. <i>Journal of Clinical Microbiology</i> , 1992 , 30, 3286-7	9.7	7
2	Cloning of repetitive DNA sequences from <i>Toxoplasma gondii</i> and their usefulness for parasite detection. <i>American Journal of Tropical Medicine and Hygiene</i> , 1992 , 46, 350-7	3.2	10
1	Repetitive DNA sequences of <i>Toxoplasma gondii</i> for development of diagnostic probes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1991 , 86, 483-4	2.6	4