

# Sergio O Angel

## List of Publications by Year in descending order

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71  
papers

1,819  
citations

236612

25  
h-index

301761

39  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxoplasma gondii Hsp90 is a Potential Drug Target Whose Expression and Subcellular Localization are Developmentally Regulated. Journal of Molecular Biology, 2005, 350, 723-734.	2.0	92
2	The Histone Code of Toxoplasma gondii Comprises Conserved and Unique Posttranslational Modifications. MBio, 2013, 4, e00922-13.	1.8	85
3	Recombinant GRA4 or ROP2 Protein Combined with Alum or the gra4 Gene Provides Partial Protection in Chronic Murine Models of Toxoplasmosis. Vaccine Journal, 2004, 11, 704-710.	2.6	78
4	Protective effect of a naked DNA vaccine cocktail against lethal toxoplasmosis in mice. Vaccine, 2003, 21, 1327-1335.	1.7	77
5	Immunodiagnosis of fasciolosis using recombinant procathepsin L cystein proteinase. Diagnostic Microbiology and Infectious Disease, 2001, 41, 43-49.	0.8	76
6	Histones and histone modifications in protozoan parasites. Cellular Microbiology, 2006, 8, 1850-1861.	1.1	70
7	Toxoplasma H2A Variants Reveal Novel Insights into Nucleosome Composition and Functions for this Histone Family. Journal of Molecular Biology, 2009, 392, 33-47.	2.0	62
8	Evaluation of Toxoplasma gondii recombinant proteins for the diagnosis of recently acquired toxoplasmosis by an immunoglobulin G analysis. Diagnostic Microbiology and Infectious Disease, 2003, 47, 609-613.	0.8	61
9	Immunostimulatory properties of the Leishmania infantum heat shock proteins HSP70 and HSP83. Molecular Immunology, 1999, 36, 1131-1139.	1.0	57
10	Detection of Human <i>Toxoplasma</i> -Specific Immunoglobulins A, M, and G with a Recombinant <i>Toxoplasma gondii</i> Rop2 Protein. Vaccine Journal, 1998, 5, 627-631.	2.6	56
11	High polymorphism in genes encoding antigen B from human infecting strains of Echinococcus granulosus. Parasitology, 2005, 131, 805.	0.7	54
12	In vitro evaluation of $\beta$ -carboline alkaloids as potential anti-Toxoplasma agents. BMC Research Notes, 2013, 6, 193.	0.6	50
13	<i>Toxoplasma</i> histone acetylation remodelers as novel drug targets. Expert Review of Anti-Infective Therapy, 2012, 10, 1189-1201.	2.0	47
14	Molecular cloning, sequencing and expression of a serine proteinase inhibitor gene from Toxoplasma gondii. Molecular and Biochemical Parasitology, 2000, 107, 241-249.	0.5	44
15	Protein palmitoylation inhibition by 2-bromopalmitate alters gliding, host cell invasion and parasite morphology in Toxoplasma gondii. Molecular and Biochemical Parasitology, 2012, 184, 39-43.	0.5	44
16	During canine leishmaniasis a protein belonging to the 83-kDa heat-shock protein family elicits a strong humoral response. Acta Tropica, 1996, 62, 45-56.	0.9	41
17	During active viscerocutaneous leishmaniasis the anti-P2 humoral response is specifically triggered by the parasite P proteins. Clinical and Experimental Immunology, 2008, 100, 246-252.	1.1	40
18	Variability and heritability of cell division pathways in Toxoplasma gondii. Journal of Cell Science, 2004, 117, 5697-5705.	1.2	32

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19	Potent antigen-specific immunity to <i>Toxoplasma gondii</i> in adjuvant-free vaccination system using Rop2-Leishmania infantum Hsp83 fusion protein. <i>Vaccine</i> , 2006, 24, 4102-4110.	1.7	32
20	<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, 479-489.	0.7	32
21	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, 129-140.	0.5	32
22	Subcellular localization and post-secretory targeting of TgPI, a serine proteinase inhibitor from <i>Toxoplasma gondii</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 121, 283-286.	0.5	30
23	Serological diagnosis of Toxoplasmosis disease using a fluorescent immunosensor with chitosan-ZnO-nanoparticles. <i>Analytical Biochemistry</i> , 2019, 564-565, 116-122.	1.1	30
24	<i>Toxoplasma gondii</i> protease inhibitor-1 (TgPI-1) is a novel vaccine candidate against toxoplasmosis. <i>Vaccine</i> , 2008, 26, 5040-5045.	1.7	29
25	<i>Toxoplasma gondii</i> has two lineages of histones 2b (H2B) with different expression profiles. <i>Molecular and Biochemical Parasitology</i> , 2006, 148, 103-107.	0.5	28
26	Production of the Main Surface Antigen of <i>Toxoplasma gondii</i> in Tobacco Leaves and Analysis of Its Antigenicity and Immunogenicity. <i>Molecular Biotechnology</i> , 2005, 30, 041-050.	1.3	26
27	Genomic clustering of the <i>Trypanosoma cruzi</i> nonlong terminal L1Tc retrotransposon with defined interspersed repeated DNA elements. <i>Electrophoresis</i> , 2000, 21, 2973-2982.	1.3	25
28	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, 1738-1748.	1.9	25
29	Evaluation of ATM Kinase Inhibitor KU-55933 as Potential Anti- <i>Toxoplasma gondii</i> Agent. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 26.	1.8	24
30	Screening for active toxoplasmosis in patients by DNA hybridization with the ABGTg7 probe in blood samples. <i>Journal of Clinical Microbiology</i> , 1997, 35, 591-595.	1.8	24
31	Kinetic analysis of the humoral immune response against 3 <i>Toxoplasma gondii</i> -recombinant proteins in infants with suspected congenital toxoplasmosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 56, 161-165.	0.8	21
32	Analysis of the adjuvant effect of recombinant <i>Leishmania infantum</i> Hsp83 protein as a tool for vaccination. <i>Immunology Letters</i> , 2001, 76, 107-110.	1.1	20
33	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, 1329-1337.	1.9	20
34	Long-Term Protective Immune Response Elicited by Vaccination with an Expression Genomic Library of <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , 2003, 71, 5407-5411.	1.0	18
35	A Review of Recent Patents on the Protozoan Parasite HSP90 as a Drug Target. <i>Recent Patents on Biotechnology</i> , 2013, 7, 2-8.	0.4	18
36	A <i>Neospora caninum</i> vaccine using recombinant proteins fails to prevent foetal infection in pregnant cattle after experimental intravenous challenge. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 142-153.	0.5	16

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37	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, 269-274.	1.3	15
38	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, 263-266.	0.5	15
39	Emerging Therapeutic Targets Against <i>Toxoplasma gondii</i> : Update on DNA Repair Response Inhibitors and Genotoxic Drugs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 289.	1.8	15
40	Plant Hsp90 Proteins Interact with B-Cells and Stimulate Their Proliferation. <i>PLoS ONE</i> , 2011, 6, e21231.	1.1	15
41	The Knowns Unknowns: Exploring the Homologous Recombination Repair Pathway in <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 627.	1.5	14
42	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, 350-357.	0.6	14
43	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, 209-213.	0.7	13
44	Efficient expression of a <i>Toxoplasma gondii</i> dense granule Gra4 antigen in tobacco leaves. <i>Experimental Parasitology</i> , 2008, 120, 118-122.	0.5	13
45	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.	0.5	13
46	Identification and characterization of serine proteinase inhibitors from <i>Neospora caninum</i> . <i>Molecular and Biochemical Parasitology</i> , 2004, 136, 101-107.	0.5	12
47	<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, 725-733.	3.6	11
48	Early diagnosis of toxoplasmic encephalitis in AIDS patients by dot blot hybridization analysis. <i>Journal of Clinical Microbiology</i> , 1992, 30, 3286-3287.	1.8	11
49	Arrays of repetitive DNA elements in the largest chromosomes of <i>Toxoplasma gondii</i> . <i>Genome</i> , 1999, 42, 265-269.	0.9	10
50	<i>Toxoplasma gondii</i> Hsp90: potential roles in essential cellular processes of the parasite. <i>Parasitology</i> , 2014, 141, 1138-1147.	0.7	10
51	Structure Analysis of Two <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> Satellite DNA Families and Evolution of Their Common Monomeric Sequence. <i>Journal of Molecular Evolution</i> , 2004, 58, 557-567.	0.8	9
52	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, 283-288.	0.5	9
53	<i>Toxoplasma gondii</i> 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.	0.6	9
54	Heat Shock Proteins 90 kDa: Immunomodulators and Adjuvants in Vaccine Design Against Infectious Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 622186.	2.0	9

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55	Protozoan HSP90-Heterocomplex: Molecular Interaction Network and Biological Significance. <i>Current Protein and Peptide Science</i> , 2014, 15, 245-255.	0.7	9
56	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.	1.2	9
57	Otimiza��o da rea��o de polimerase em cadeia para detec��o de <i>Toxoplasma gondii</i> em sangue venoso e placenta de gestantes. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2002, 38, 105-110.	0.3	8
58	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.	1.2	8
59	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, 23-27.	0.7	7
60	Resveratrol induces H3 and H4K16 deacetylation and H2A.X phosphorylation in <i>Toxoplasma gondii</i> . <i>BMC Research Notes</i> , 2021, 14, 19.	0.6	7
61	In vitro Effect of Harmine Alkaloid and Its N-Methyl Derivatives Against <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 716534.	1.5	7
62	Repetitive DNA sequences of <i>Toxoplasma gondii</i> for development of diagnostic probes. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1991, 86, 483-484.	0.8	7
63	A Comprehensive Review of <i>Toxoplasma Gondii</i> Biology and Host-Cell Interaction: Challenges for a Plant-Based Vaccine. , 2018, , 89-120.		6
64	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.	1.7	6
65	Epichromatin is conserved in <i>Toxoplasma gondii</i> and labels the exterior parasite chromatin throughout the cell cycle. <i>Parasitology</i> , 2013, 140, 1104-1110.	0.7	4
66	Apicomplexa and Histone Variants: What��s New?. , 2020, , .		4
67	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.	1.7	2
68	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.	0.8	1
69	Arrays of repetitive DNA elements in the largest chromosomes of <i>Toxoplasma gondii</i> . <i>Genome</i> , 1999, 42, 265-269.	0.9	1
70	Identification and characterization of an interspersed repetitive DNA fragment in <i>Plasmodium vivax</i> with potential use for specific parasite detection. <i>Experimental Parasitology</i> , 2004, 108, 81-88.	0.5	0
71	Evaluation of <i>Toxoplasma gondii</i> recombinant antigens for early diagnosis of congenital toxoplasmosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 102, 115608.	0.8	0