

# Luis Miguel Gonzalez

## List of Publications by Year in descending order

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65  
papers

1,646  
citations

236612

25  
h-index

329751

37  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1486  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel phylogeny for the genus <i>Echinococcus</i> , based on nuclear data, challenges relationships based on mitochondrial evidence. <i>Parasitology</i> , 2009, 136, 317-328.	0.7	146
2	Global phylogeography and genetic diversity of the zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1. <i>International Journal for Parasitology</i> , 2018, 48, 729-742.	1.3	77
3	Expression of the $\beta$ -subunit isoforms of the Na, K-ATPase in rat embryo tissues, inner ear and choroid plexus. <i>Biology of the Cell</i> , 1994, 81, 215-222.	0.7	57
4	Distinguishing <i>Echinococcus granulosus sensu stricto</i> genotypes G1 and G3 with confidence: A practical guide. <i>Infection, Genetics and Evolution</i> , 2018, 64, 178-184.	1.0	54
5	The benefits of analysing complete mitochondrial genomes: Deep insights into the phylogeny and population structure of <i>Echinococcus granulosus sensu lato</i> genotypes G6 and G7. <i>Infection, Genetics and Evolution</i> , 2018, 64, 85-94.	1.0	52
6	High-resolution phylogeography of zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1 with an emphasis on its distribution in Turkey, Italy and Spain. <i>Parasitology</i> , 2016, 143, 1790-1801.	0.7	51
7	PCR tools for the differential diagnosis of <i>Taenia saginata</i> and <i>Taenia solium</i> taeniasis/cysticercosis from different geographical locations. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 42, 243-249.	0.8	49
8	Further molecular discrimination of Spanish strains of <i>Echinococcus granulosus</i> . <i>Experimental Parasitology</i> , 2002, 102, 46-56.	0.5	47
9	Differential diagnosis of <i>Taenia saginata</i> and <i>Taenia saginata asiatica</i> taeniasis through PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 49, 183-188.	0.8	46
10	Neurocysticercosis: detection of <i>Taenia solium</i> DNA in human cerebrospinal fluid using a semi-nested PCR based on HDP2. <i>Annals of Tropical Medicine and Parasitology</i> , 2008, 102, 317-323.	1.6	41
11	Molecular cloning and characterisation of Ts8B1, Ts8B2 and Ts8B3, three new members of the <i>Taenia solium</i> metacestode 8kDa diagnostic antigen family. <i>Molecular and Biochemical Parasitology</i> , 2007, 152, 90-100.	0.5	38
12	<i>Taenia solium</i> : characterization of a small heat shock protein (Tsol-sHSP35.6) and its possible relevance to the diagnosis and pathogenesis of neurocysticercosis. <i>Experimental Parasitology</i> , 2005, 110, 1-11.	0.5	37
13	Detection and discrimination of <i>Loa loa</i> , <i>Mansonella perstans</i> and <i>Wuchereria bancrofti</i> by PCR-RFLP and nested-PCR of ribosomal DNA ITS1 region. <i>Experimental Parasitology</i> , 2011, 127, 282-286.	0.5	37
14	Genetic diversity and phylogeography of highly zoonotic <i>Echinococcus granulosus</i> genotype G1 in the Americas (Argentina, Brazil, Chile and Mexico) based on 8279 bp of mtDNA. <i>Infection, Genetics and Evolution</i> , 2016, 45, 290-296.	1.0	37
15	Severe Babesiosis in Immunocompetent Man, Spain, 2011. <i>Emerging Infectious Diseases</i> , 2014, 20, 724-726.	2.0	36
16	Differential molecular identification of <i>Taeniid</i> spp. and <i>Sarcocystis</i> spp. cysts isolated from infected pigs and cattle. <i>Veterinary Parasitology</i> , 2006, 142, 95-101.	0.7	33
17	Molecular identification of <i>Echinococcus granulosus</i> genotypes (G1 and G7) isolated from pigs in Mexico. <i>Veterinary Parasitology</i> , 2007, 147, 185-189.	0.7	33
18	First Report of <i>Babesia microti</i> -Caused Babesiosis in Spain. <i>Vector-Borne and Zoonotic Diseases</i> , 2016, 16, 677-679.	0.6	33

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19	Ag-ELISA and PCR for Monitoring the Vaccination of Cattle against <i>Taenia saginata</i> Cysticercosis Using an Oncospherical Adhesion Protein (HP6) with Surface and Secreted Localization. <i>Tropical Animal Health and Production</i> , 2005, 37, 103-120.	0.5	30
20	First report of <i>Babesia divergens</i> infection in an HIV patient. <i>International Journal of Infectious Diseases</i> , 2015, 33, 202-204.	1.5	29
21	A fatal case of <i>Babesia divergens</i> infection in Northwestern Spain. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 730-734.	1.1	29
22	Comparative and functional genomics of the protozoan parasite <i>Babesia divergens</i> highlighting the invasion and egress processes. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007680.	1.3	29
23	<i>Echinococcus granulosus</i> (Cestoda, Taeniidae) in the Iberian wolf. <i>Parasitology Research</i> , 2006, 99, 753-756.	0.6	28
24	Evaluation of recombinant HP6-Tsag, an 18 kDa <i>Taenia saginata</i> oncospherical adhesion protein, for the diagnosis of cysticercosis. <i>Parasitology Research</i> , 2007, 101, 517-525.	0.6	28
25	High-Quality Draft Genome Sequence of <i>Babesia divergens</i> , the Etiological Agent of Cattle and Human Babesiosis. <i>Genome Announcements</i> , 2014, 2, .	0.8	28
26	Kinetics of the invasion and egress processes of <i>Babesia divergens</i> , observed by time-lapse video microscopy. <i>Scientific Reports</i> , 2018, 8, 14116.	1.6	28
27	A Conserved Subtilisin Protease Identified in <i>Babesia divergens</i> Merozoites. <i>Journal of Biological Chemistry</i> , 2006, 281, 35717-35726.	1.6	27
28	Genomic and functional characterisation of a secreted antigen of <i>Taenia saginata</i> oncospheres. <i>Molecular and Biochemical Parasitology</i> , 2002, 121, 269-273.	0.5	25
29	Protective immunity against <i>Taenia crassiceps</i> murine cysticercosis induced by DNA vaccination with a <i>Taenia saginata</i> tegument antigen. <i>Microbes and Infection</i> , 2002, 4, 1417-1426.	1.0	25
30	The efficacy of the ultraviolet C pathogen inactivation system in the reduction of <i>Babesia divergens</i> in pooled buffy coat platelets. <i>Transfusion</i> , 2014, 54, 2207-2216.	0.8	25
31	Differential diagnosis of <i>Taenia saginata</i> and <i>Taenia solium</i> infections: from DNA probes to polymerase chain reaction. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2002, 96, S243-S250.	0.7	22
32	Cloning and characterization of <i>Taenia saginata</i> paramyosin cDNA. <i>Parasitology Research</i> , 2003, 91, 60-67.	0.6	22
33	<i>Babesia divergens</i> : Identification and characterization of BdHSP-20, a small heat shock protein. <i>Experimental Parasitology</i> , 2008, 119, 238-245.	0.5	22
34	First record of <i>Babesia</i> sp. in Antarctic penguins. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 498-501.	1.1	22
35	Association Between Chloroplast DNA and Mitochondrial DNA Haplotypes in <i>Prunus spinosa</i> L. (Rosaceae) Populations across Europe. <i>Annals of Botany</i> , 2003, 92, 749-755.	1.4	20
36	TSOL18/HP6-Tsol, an immunogenic <i>Taenia solium</i> oncospherical adhesion protein and potential protective antigen. <i>Parasitology Research</i> , 2008, 102, 921-926.	0.6	20

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37	Massive presence of <i>Echinococcus granulosus</i> (Cestoda, Taeniidae) cysts in a wild boar ( <i>Sus scrofa</i> ) from Spain. <i>Parasitology Research</i> , 2008, 103, 705-707.	0.6	20
38	Molecular diagnosis of diphyllbothriasis in Spain, most presumably acquired via imported fish, or sojourn abroad. <i>New Microbes and New Infections</i> , 2014, 2, 1-6.	0.8	19
39	<i>Babesia divergens</i> apical membrane antigen-1 (BdAMA-1): A poorly polymorphic protein that induces a weak and late immune response. <i>Experimental Parasitology</i> , 2015, 155, 40-45.	0.5	19
40	Misdiagnosis of Babesiosis as Malaria, Equatorial Guinea, 2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1588-1589.	2.0	19
41	Analysis of <i>nad2</i> and <i>nad5</i> enables reliable identification of genotypes G6 and G7 within the species complex <i>Echinococcus granulosus sensu lato</i> . <i>Infection, Genetics and Evolution</i> , 2019, 74, 103941.	1.0	16
42	Structure and expression of the human Na,K-ATPase $\beta$ 2-subunit gene. <i>Gene</i> , 1998, 208, 221-227.	1.0	15
43	<i>Taenia solium</i> cDNA sequence encoding a putative immunodiagnostic antigen for human cysticercosis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 786, 255-269.	1.2	14
44	Characterization of the <i>Taenia</i> spp HDP2 sequence and development of a novel PCR-based assay for discrimination of <i>Taenia saginata</i> from <i>Taenia asiatica</i> . <i>Parasites and Vectors</i> , 2010, 3, 51.	1.0	14
45	Diagnostic epitope variability within <i>Taenia solium</i> 8kDa antigen family: Implications for cysticercosis immunodetection. <i>Experimental Parasitology</i> , 2012, 130, 78-85.	0.5	14
46	Sequence and immunogenicity of the <i>Taenia saginata</i> homologue of the major surface antigen of <i>Echinococcus</i> spp.. <i>Parasitology Research</i> , 1998, 84, 426-431.	0.6	13
47	Four-Dimensional Characterization of the <i>Babesia divergens</i> Asexual Life Cycle, from the Trophozoite to the Multiparasite Stage. <i>MSphere</i> , 2020, 5, .	1.3	12
48	Genetic variability of the 18kDa/HP6 protective antigen in <i>Taenia saginata</i> and <i>Taenia asiatica</i> : Implications for vaccine development. <i>Molecular and Biochemical Parasitology</i> , 2011, 176, 131-134.	0.5	11
49	Zoonotic Filariasis Caused by Novel <i>Brugia</i> sp. Nematode, United States, 2011. <i>Emerging Infectious Diseases</i> , 2014, 20, 1248-50.	2.0	11
50	Ultrastructure of the <i>Babesia divergens</i> free merozoite. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 1274-1279.	1.1	11
51	Peptide epitopes of the <i>Taenia solium</i> antigen Ts8B2 are immunodominant in human and porcine cysticercosis. <i>Molecular and Biochemical Parasitology</i> , 2009, 168, 168-171.	0.5	10
52	The <i>Taenia saginata</i> homologue of the major surface antigen of <i>Echinococcus</i> spp. is immunogenic and 97% identical to its <i>Taenia solium</i> homologue. <i>Parasitology Research</i> , 2007, 101, 1541-1549.	0.6	9
53	Histological and molecular biology diagnosis of neurocysticercosis in a patient without history of travel to endemic areas – Case report. <i>Parasite</i> , 2012, 19, 441-444.	0.8	6
54	<i>Taenia solium</i> : Identification and preliminary characterization of a lipid binding protein with homology to the SEC14 catalytic domain. <i>Experimental Parasitology</i> , 2007, 116, 191-200.	0.5	5

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55	Imported babesiosis caused by <i>Babesia microti</i> —A case report. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101435.	1.1	5
56	Molecular and functional characterization of a <i>Taenia</i> adhesion gene family (TAF) encoding potential protective antigens of <i>Taenia saginata</i> oncospheres. <i>Parasitology Research</i> , 2006, 100, 519-528.	0.6	4
57	Liver stage antigen 3 isolated from a cDNA library of <i>Plasmodium falciparum</i> erythrocytic stages. <i>Parasitology Research</i> , 2007, 102, 111-115.	0.6	4
58	HDP2: a ribosomal DNA (NTS-ETS) sequence as a target for species-specific molecular diagnosis of intestinal taeniasis in humans. <i>Parasites and Vectors</i> , 2018, 11, 117.	1.0	4
59	Integration of Functional Genomic, Transcriptomic, and Metabolomic Data to Identify Key Features in Genomic Expression, Metabolites, and Metabolic Pathways of <i>Babesia divergens</i> . <i>Methods in Molecular Biology</i> , 2021, 2369, 217-249.	0.4	3
60	<i>Babesia</i> and <i>Theileria</i> Identification in Adult Ixodid Ticks from Tapada Nature Reserve, Portugal. <i>Pathogens</i> , 2022, 11, 222.	1.2	3
61	<i>Babesia</i> and Human Babesiosis. <i>Pathogens</i> , 2022, 11, 399.	1.2	3
62	Initial characterization of Pf62, a novel protein of <i>Plasmodium falciparum</i> identified by immunoscreening. <i>Parasitology Research</i> , 2009, 104, 1389-1397.	0.6	2
63	Molecular cloning and characterisation of the RESA gene, a marker of genetic diversity of <i>Plasmodium falciparum</i> . <i>Molecular Biology Reports</i> , 2010, 37, 2893-2902.	1.0	2
64	Integration of Genomic and Transcriptomic Data to Elucidate Molecular Processes in <i>Babesia divergens</i> . <i>Methods in Molecular Biology</i> , 2021, 2369, 199-215.	0.4	2
65	Diagnóstico de teniasis humanas mediante PCR-multiplex. <i>Medicina Clínica</i> , 2003, 120, 37-37.	0.3	2