

# Charles Gp Gauci

## List of Publications by Year in descending order

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75  
papers

2,547  
citations

159525

30  
h-index

206029

48  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Protection against Porcine Cysticercosis by Vaccination with Recombinant Oncosphere Antigens. <i>Infection and Immunity</i> , 2004, 72, 5292-5297.	1.0	164
2	Vaccination trials in Australia and Argentina confirm the effectiveness of the EG95 hydatid vaccine in sheep. <i>International Journal for Parasitology</i> , 1999, 29, 531-534.	1.3	140
3	Elimination of <i>Taenia solium</i> transmission to pigs in a field trial of the TSOL18 vaccine in Cameroon. <i>International Journal for Parasitology</i> , 2010, 40, 515-519.	1.3	137
4	VACCINATION OF PIGS TO CONTROL HUMAN NEUROCYSTICERCOSIS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 72, 837-839.	0.6	122
5	Elimination of <i>Taenia solium</i> Transmission in Northern Peru. <i>New England Journal of Medicine</i> , 2016, 374, 2335-2344.	13.9	117
6	<i>Taenia saginata</i> : Vaccination against Cysticercosis in Cattle with Recombinant Oncosphere Antigens. <i>Experimental Parasitology</i> , 1996, 84, 330-338.	0.5	116
7	Variability in the <i>Echinococcus granulosus</i> Cytochrome C oxidase 1 mitochondrial gene sequence from livestock in Turkey and a re-appraisal of the G1 $\alpha$ 3 genotype cluster. <i>Veterinary Parasitology</i> , 2008, 154, 347-350.	0.7	80
8	Vaccination against <i>Taenia solium</i> cysticercosis in pigs using native and recombinant oncosphere antigens. <i>International Journal for Parasitology</i> , 1999, 29, 643-647.	1.3	78
9	Monitoring the outcomes of interventions against <i>Taenia solium</i> : options and suggestions. <i>Parasite Immunology</i> , 2016, 38, 158-169.	0.7	64
10	Molecular Cloning of a Vaccine Antigen against Infection with the Larval Stage of <i>Echinococcus multilocularis</i> . <i>Infection and Immunity</i> , 2002, 70, 3969-3972.	1.0	59
11	Protection against hydatid disease induced with the EG95 vaccine is associated with conformational epitopes. <i>Vaccine</i> , 2000, 19, 498-507.	1.7	58
12	Identification and cDNA cloning of two novel low molecular weight host-protective antigens from <i>Taenia ovis</i> oncospheres. <i>International Journal for Parasitology</i> , 1996, 26, 195-204.	1.3	56
13	Vaccination of pigs to control human neurocysticercosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 72, 837-9.	0.6	55
14	Research note a <i>Taenia solium</i> oncosphere protein homologous to host-protective <i>Taenia ovis</i> and <i>Taenia saginata</i> 18 kDa antigens. <i>International Journal for Parasitology</i> , 1998, 28, 757-760.	1.3	53
15	Cysticercosis/Taeniasis in Asia and the Pacific. <i>Vector-Borne and Zoonotic Diseases</i> , 2004, 4, 95-107.	0.6	53
16	Vaccination with recombinant oncosphere antigens reduces the susceptibility of sheep to infection with <i>Taenia multiceps</i> . <i>International Journal for Parasitology</i> , 2008, 38, 1041-1050.	1.3	53
17	Successful immunization of naturally reared pigs against porcine cysticercosis with a recombinant oncosphere antigen vaccine. <i>Veterinary Parasitology</i> , 2012, 188, 261-267.	0.7	52
18	Hydatid disease: vaccinology and development of the EG95 recombinant vaccine. <i>Expert Review of Vaccines</i> , 2005, 4, 103-112.	2.0	50

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19	A gene family expressing a host-protective antigen of <i>Echinococcus granulosus</i> . <i>Molecular and Biochemical Parasitology</i> , 2001, 118, 83-88.	0.5	49
20	Epitope specificities and antibody responses to the EG95 hydatid vaccine. <i>Parasite Immunology</i> , 1998, 20, 535-540.	0.7	46
21	Molecular and genetic characterisation of the host-protective oncosphere antigens of taeniid cestode parasites. <i>International Journal for Parasitology</i> , 2003, 33, 1207-1217.	1.3	41
22	IN VITRO ONCOSPHERE-KILLING ASSAYS TO DETERMINE IMMUNITY TO THE LARVAE OF TAENIA PISIFORMIS, TAENIA OVIS, TAENIA SAGINATA, AND TAENIA SOLIUM. <i>Journal of Parasitology</i> , 2006, 92, 273-281.	0.3	41
23	Vaccines against cysticercosis and hydatidosis. <i>Veterinary Parasitology</i> , 2001, 101, 337-352.	0.7	39
24	Pilot field trial of the EG95 vaccine against ovine cystic echinococcosis in Rio Negro, Argentina: Early impact and preliminary data. <i>Acta Tropica</i> , 2013, 127, 143-151.	0.9	38
25	Protection of pigs against <i>Taenia solium</i> cysticercosis by immunization with novel recombinant antigens. <i>Vaccine</i> , 2012, 30, 3824-3828.	1.7	37
26	Antigenic differences between the <sc>EG</sc>95-related proteins from <i><sc>E</sc>chinococcus granulosus</i> <sc>G</sc>1 and <sc>G</sc>6 genotypes<i>:</i> implications for vaccination. <i>Parasite Immunology</i> , 2013, 35, 99-102.	0.7	36
27	Pilot Field Trial of the EG95 Vaccine Against Ovine Cystic Echinococcosis in Rio Negro, Argentina: Second Study of Impact. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004134.	1.3	36
28	<i>Echinococcus granulosus</i> : Variability of the host-protective EG95 vaccine antigen in G6 and G7 genotypic variants. <i>Experimental Parasitology</i> , 2008, 119, 499-505.	0.5	34
29	Alternative splicing and sequence diversity of transcripts from the oncosphere stage of <i>Taenia solium</i> with homology to the 45W antigen of <i>Taenia ovis</i> . <i>Molecular and Biochemical Parasitology</i> , 2001, 112, 173-181.	0.5	32
30	Implementation of a practical and effective pilot intervention against transmission of <i>Taenia solium</i> by pigs in the Banke district of Nepal. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006838.	1.3	32
31	Assessing the impact of a joint human-porcine intervention package for <i>Taenia solium</i> control: Results of a pilot study from northern Lao PDR. <i>Acta Tropica</i> , 2016, 159, 185-191.	0.9	31
32	Long-read sequencing reveals a 4.4Åkb tandem repeat region in the mitogenome of <i>Echinococcus granulosus</i> (sensu stricto) genotype G1. <i>Parasites and Vectors</i> , 2019, 12, 238.	1.0	31
33	<i>Taenia solium</i> and <i>Taenia ovis</i> : Stage-specific expression of the vaccine antigen genes, TSOL18, TSOL16, and homologues, in oncospheres. <i>Experimental Parasitology</i> , 2006, 113, 272-275.	0.5	30
34	Pilot field trial of the EG95 vaccine against ovine cystic echinococcosis in Rio Negro, Argentina: 8 years of work. <i>Acta Tropica</i> , 2019, 191, 1-7.	0.9	30
35	Molecular cloning of genes encoding oncosphere proteins reveals conservation of modular protein structure in cestode antigens. <i>Molecular and Biochemical Parasitology</i> , 2003, 127, 193-198.	0.5	25
36	Antibody responses and epitope specificities to the <i>Taenia solium</i> cysticercosis vaccines TSOL18 and TSOL45-1A. <i>Parasite Immunology</i> , 2006, 28, 191-199.	0.7	25

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37	Sensitivity of partial carcass dissection for assessment of porcine cysticercosis at necropsy. <i>International Journal for Parasitology</i> , 2015, 45, 815-818.	1.3	25
38	Microdiversity of <i>Echinococcus granulosus sensu stricto</i> in Australia. <i>Parasitology</i> , 2016, 143, 1026-1033.	0.7	24
39	<i>Echinococcus granulosus</i> : oncosphere-specific transcription of genes encoding a host-protective antigen. <i>Experimental Parasitology</i> , 2004, 106, 183-186.	0.5	23
40	Synthetic peptides induce antibody against a host-protective antigen of <i>Echinococcus granulosus</i> . <i>Vaccine</i> , 1999, 18, 785-794.	1.7	21
41	An Assessment of the Molecular Diversity of Ticks and Tick-Borne Microorganisms of Small Ruminants in Pakistan. <i>Microorganisms</i> , 2020, 8, 1428.	1.6	21
42	Anamnestic responses in pigs to the <i>Taenia solium</i> TSOL18 vaccine and implications for control strategies. <i>Parasitology</i> , 2016, 143, 416-420.	0.7	18
43	The use of recombinant ovine IL-1 $\beta$ and TNF- $\alpha$ as natural adjuvants and their physiological effects in vivo. <i>Immunology and Cell Biology</i> , 1998, 76, 167-172.	1.0	17
44	Strategies for Optimal Expression of Vaccine Antigens from Taeniid Cestode Parasites in <i>Escherichia coli</i> . <i>Molecular Biotechnology</i> , 2011, 48, 277-289.	1.3	17
45	Efficacy of the EG95 hydatid vaccine in a macropodid host, the tammar wallaby. <i>Parasitology</i> , 2009, 136, 461-468.	0.7	16
46	Characterisation of antibody responses in pigs induced by recombinant oncosphere antigens from <i>Taenia solium</i> . <i>Vaccine</i> , 2012, 30, 7475-7480.	1.7	16
47	Parasitology Education Before and After the COVID-19 Pandemic. <i>Trends in Parasitology</i> , 2021, 37, 3-6.	1.5	16
48	Developmental regulation of <i>Taenia ovis</i> 45W gene expression. <i>Molecular and Biochemical Parasitology</i> , 1995, 73, 263-266.	0.5	15
49	Localisation of three host-protective oncospherical antigens of <i>Taenia ovis</i> . <i>International Journal for Parasitology</i> , 2010, 40, 579-589.	1.3	15
50	Characterization of the eg95 gene family in the G6 genotype of <i>Echinococcus granulosus</i> . <i>Molecular and Biochemical Parasitology</i> , 2012, 183, 115-121.	0.5	15
51	Codon Usage in <i>Taenia</i> Species. <i>Experimental Parasitology</i> , 1998, 88, 76-78.	0.5	14
52	Conservation of the vaccine antigen gene, TSOL18, among genetically variant isolates of <i>Taenia solium</i> . <i>Molecular and Biochemical Parasitology</i> , 2006, 146, 101-104.	0.5	14
53	Control of cystic echinococcosis in the Middle Atlas, Morocco: Field evaluation of the EG95 vaccine in sheep and cesticide treatment in dogs. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009253.	1.3	13
54	Antibody responses to the host-protective <i>Taenia solium</i> oncosphere protein TSOL18 in pigs are directed against conformational epitopes. <i>Parasite Immunology</i> , 2010, 32, 399-405.	0.7	10

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55	Oncospheral Penetration Glands and Secretary Blebs Are the Sources of <i>Taenia ovis</i> Vaccine Antigens. <i>Infection and Immunity</i> , 2010, 78, 4363-4373.	1.0	10
56	Targeted Next-Generation Sequencing and Informatics as an Effective Tool to Establish the Composition of Bovine Piroplasm Populations in Endemic Regions. <i>Microorganisms</i> , 2021, 9, 21.	1.6	10
57	Purification of polyclonal anti-conformational antibodies for use in affinity selection from random peptide phage display libraries: A study using the hydatid vaccine EG95. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1516-1522.	1.2	9
58	Vaccine development against the <i>Taenia solium</i> parasite. <i>Bioengineered</i> , 2013, 4, 343-347.	1.4	9
59	Pilot field trial of the EG95 vaccine against ovine cystic echinococcosis in Rio Negro, Argentina: Humoral response to the vaccine. <i>Parasitology International</i> , 2017, 66, 258-261.	0.6	8
60	Limitations of the <i>Echinococcus granulosus</i> genome sequence assemblies for analysis of the gene family encoding the EG95 vaccine antigen. <i>Parasitology</i> , 2018, 145, 807-813.	0.7	8
61	Reprint of "Assessing the impact of a joint human-porcine intervention package for <i>Taenia solium</i> control: Results of a pilot study from northern Lao PDR". <i>Acta Tropica</i> , 2017, 165, 261-267.	0.9	7
62	Comparative studies on faecal egg counting techniques used for the detection of gastrointestinal parasites of equines: A systematic review. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100046.	0.7	7
63	Chromosome-scale <i>Echinococcus granulosus</i> (genotype G1) genome reveals the Eg95 gene family and conservation of the EG95-vaccine molecule. <i>Communications Biology</i> , 2022, 5, 199.	2.0	7
64	Accurate diagnosis of lesions suspected of being caused by <i>Taenia solium</i> in body organs of pigs with naturally acquired porcine cysticercosis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007408.	1.3	6
65	Synthetic peptides induce antibodies in sheep against <i>Taenia ovis</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 303-312.	0.1	4
66	Genes encoding homologous antigens in taeniid cestode parasites. <i>Bioengineered</i> , 2013, 4, 168-171.	1.4	3
67	Ticks and tick-borne diseases of bovines in a smallholder livestock context: The Pakistani example. <i>Advances in Parasitology</i> , 2021, 114, 167-244.	1.4	3
68	The effect of antigen targeting sequences on antibody responses to hepatitis E virus DNA vaccines in rats and sheep. <i>Vaccine</i> , 2006, 24, 1367-1377.	1.7	2
69	Genetic characterisation of <i>Echinocephalus</i> spp. (Nematoda: Gnathostomatidae) from marine hosts in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2022, 17, 161-165.	0.6	2
70	Diagnosis of human taeniasis. <i>Microbiology Australia</i> , 2016, 37, 43.	0.1	1
71	A hyperendemic focus of porcine cystic echinococcosis in the Banke District of Nepal. <i>Acta Tropica</i> , 2020, 201, 105203.	0.9	1
72	Sequence analysis of a gene family encoding <i>Taenia ovis</i> vaccine antigens expressed during embryogenesis of eggs. Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBank, and DDJB data bases under the accession number(s)-U75739-421. <i>Molecular and Biochemical Parasitology</i> , 1997, 86, 75-84.	0.5	0

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73	Synthetic peptides induce antibodies in sheep against <i>Taenia ovis</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 303-312.	0.1	0
74	What is your diagnosis? Mandibular mass in a rabbit. <i>Veterinary Clinical Pathology</i> , 2021, 50, 451-454.	0.3	0
75	Immunodiagnostic usefulness of monoclonal antibodies specific to conformational epitopes of <i>Taenia solium</i> oncosphere protein TSOL18. <i>Journal of Immunological Methods</i> , 2021, 497, 113121.	0.6	0