

Nicholas C Smith

List of Publications by Year in descending order

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73
papers

3,588
citations

109321

35
h-index

138484

58
g-index

75
all docs

75
docs citations

75
times ranked

3029
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of length of hospital stay with delay to surgical fixation of hip fracture. <i>Canadian Journal of Surgery</i> , 2022, 65, E188-E192.	1.2	2
2	Control of human toxoplasmosis. <i>International Journal for Parasitology</i> , 2021, 51, 95-121.	3.1	91
3	Editorial: Get Over the Gut: Apicomplexan Parasite Interaction, Survival and Stage Progression in Vertebrate and Invertebrate Digestive Tracts. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 680555.	3.9	3
4	Recent achievements and doors opened for coccidian parasite research and development through transcriptomics of enteric sexual stages. <i>Molecular and Biochemical Parasitology</i> , 2021, 243, 111373.	1.1	9
5	Substrate-mediated regulation of the arginine transporter of <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009816.	4.7	9
6	<i>Nanos gigantium</i> humeris insidentes: old papers informing new research into <i>Toxoplasma gondii</i> . <i>International Journal for Parasitology</i> , 2021, 51, 1193-1193.	3.1	1
7	Treatment of mice with S4B6 IL-2 complex prevents lethal toxoplasmosis via IL-12- and IL-18-dependent interferon-gamma production by non-CD4 immune cells. <i>Scientific Reports</i> , 2020, 10, 13115.	3.3	7
8	Assessment and Management of Depression and Anxiety in Children and Adolescents with Epilepsy. <i>Behavioural Neurology</i> , 2019, 2019, 1-4.	2.1	11
9	An experimental genetically attenuated live vaccine to prevent transmission of <i>Toxoplasma gondii</i> by cats. <i>Scientific Reports</i> , 2019, 9, 1474.	3.3	112
10	The NLRP3 Inflammasome Suppresses Protective Immunity to Gastrointestinal Helminth Infection. <i>Cell Reports</i> , 2018, 23, 1085-1098.	6.4	48
11	RNA-Seq analysis during the life cycle of <i>Cryptosporidium parvum</i> reveals significant differential gene expression between proliferating stages in the intestine and infectious sporozoites. <i>International Journal for Parasitology</i> , 2018, 48, 413-422.	3.1	61
12	Establishment of an in vitro chicken epithelial cell line model to investigate <i>Eimeria tenella</i> gamete development. <i>Parasites and Vectors</i> , 2018, 11, 44.	2.5	35
13	Cationic amino acid transporters play key roles in the survival and transmission of apicomplexan parasites. <i>Nature Communications</i> , 2017, 8, 14455.	12.8	56
14	The merozoite-specific protein, TgGRA11B, identified as a component of the <i>Toxoplasma gondii</i> parasitophorous vacuole in a tachyzoite expression model. <i>International Journal for Parasitology</i> , 2017, 47, 597-600.	3.1	17
15	Discovery of a tyrosine-rich sporocyst wall protein in <i>Eimeria tenella</i> . <i>Parasites and Vectors</i> , 2016, 9, 124.	2.5	12
16	Glycosphingolipid analysis in a naturally occurring ovine model of acute neuronopathic Gaucher disease. <i>Neurobiology of Disease</i> , 2016, 91, 143-154.	4.4	16
17	Asexual expansion of <i>Toxoplasma gondii</i> merozoites is distinct from tachyzoites and entails expression of non-overlapping gene families to attach, invade, and replicate within feline enterocytes. <i>BMC Genomics</i> , 2015, 16, 66.	2.8	108
18	RNA Seq analysis of the <i>Eimeria tenella</i> gametocyte transcriptome reveals clues about the molecular basis for sexual reproduction and oocyst biogenesis. <i>BMC Genomics</i> , 2015, 16, 94.	2.8	88

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19	Lack of a Functioning P2X7 Receptor Leads to Increased Susceptibility to Toxoplasmic Ileitis. PLoS ONE, 2015, 10, e0129048.	2.5	27
20	Strategies for anti-coccidial prophylaxis. Parasitology, 2014, 141, 1379-1389.	1.5	64
21	A Selective Review of Advances in Coccidiosis Research. Advances in Parasitology, 2013, 83, 93-171.	3.2	194
22	Sex and <i>Eimeria</i> : a molecular perspective. Parasitology, 2013, 140, 1701-1717.	1.5	50
23	Stage-specific expression of protease genes in the apicomplexan parasite, <i>Eimeria tenella</i> . BMC Genomics, 2012, 13, 685.	2.8	30
24	Eimeripain, a Cathepsin B-Like Cysteine Protease, Expressed throughout Sporulation of the Apicomplexan Parasite <i>Eimeria tenella</i> . PLoS ONE, 2012, 7, e31914.	2.5	24
25	Dysregulation of the inflammatory response to the parasite, <i>Toxoplasma gondii</i> , in P2X7 receptor-deficient mice. International Journal for Parasitology, 2011, 41, 301-308.	3.1	35
26	Peroxidase catalysed cross-linking of an intrinsically unstructured protein via dityrosine bonds in the oocyst wall of the apicomplexan parasite, <i>Eimeria maxima</i> . International Journal for Parasitology, 2011, 41, 1157-1164.	3.1	31
27	The Role of the P2X7 Receptor in Infectious Diseases. PLoS Pathogens, 2011, 7, e1002212.	4.7	121
28	Non-archetypal Type II-like and atypical strains of <i>Toxoplasma gondii</i> infecting marsupials of Australia. International Journal for Parasitology, 2010, 40, 635-640.	3.1	44
29	Chasing the golden egg: vaccination against poultry coccidiosis. Parasite Immunology, 2010, 32, 590-598.	1.5	177
30	Evidence for associations between the purinergic receptor P2X7 (P2RX7) and toxoplasmosis. Genes and Immunity, 2010, 11, 374-383.	4.1	95
31	The Glycosylation Pathway of <i>Eimeria tenella</i> Is Upregulated during Gametocyte Development and May Play a Role in Oocyst Wall Formation. Eukaryotic Cell, 2010, 9, 127-135.	3.4	15
32	P2X7 Receptor-Mediated Killing of an Intracellular Parasite, <i>Toxoplasma gondii</i> , by Human and Murine Macrophages. Journal of Immunology, 2010, 184, 7040-7046.	0.8	124
33	Oocyst wall formation and composition in coccidian parasites. Memórias Do Instituto Oswaldo Cruz, 2009, 104, 281-289.	1.6	105
34	The immunobiology of the innate response to <i>Toxoplasma gondii</i> . International Journal for Parasitology, 2009, 39, 23-39.	3.1	176
35	Conservation of proteins involved in oocyst wall formation in <i>Eimeria maxima</i> , <i>Eimeria tenella</i> and <i>Eimeria acervulina</i> . International Journal for Parasitology, 2009, 39, 1063-1070.	3.1	42
36	Immunological Interactions between 2 Common Pathogens, Th1-Inducing Protozoan <i>Toxoplasma gondii</i> and the Th2-Inducing Helminth <i>Fasciola hepatica</i> . PLoS ONE, 2009, 4, e5692.	2.5	42

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37	Field Application of a Subunit Vaccine against an Enteric Protozoan Disease. <i>PLoS ONE</i> , 2008, 3, e3948.	2.5	60
38	An Australian network to support the understanding and control of parasites. <i>Trends in Parasitology</i> , 2006, 22, 97-99.	3.3	0
39	The coccidian oocyst: a tough nut to crack!. <i>Trends in Parasitology</i> , 2006, 22, 416-423.	3.3	130
40	<i>Eimeria maxima</i> TRAP family protein EmTFP250: subcellular localisation and induction of immune responses by immunisation with a recombinant C-terminal derivative. <i>International Journal for Parasitology</i> , 2004, 34, 861-872.	3.1	13
41	Characterisation of the antigenic and immunogenic properties of bacterially expressed, sexual stage antigens of the coccidian parasite, <i>Eimeria maxima</i> . <i>Vaccine</i> , 2004, 22, 4316-4325.	3.8	52
42	Molecular characterisation of EmTFP250: a novel member of the TRAP protein family in <i>Eimeria maxima</i> . <i>International Journal for Parasitology</i> , 2003, 33, 691-702.	3.1	23
43	The development of the macrogamete and oocyst wall in <i>Eimeria maxima</i> : immuno-light and electron microscopy. <i>International Journal for Parasitology</i> , 2003, 33, 1329-1340.	3.1	74
44	Cloning and characterization of the 82 kDa tyrosine-rich sexual stage glycoprotein, GAM82, and its role in oocyst wall formation in the apicomplexan parasite, <i>Eimeria maxima</i> . <i>Gene</i> , 2003, 307, 201-212.	2.2	26
45	Roles of Tyrosine-Rich Precursor Glycoproteins and Dityrosine- and 3,4-Dihydroxyphenylalanine-Mediated Protein Cross-Linking in Development of the Oocyst Wall in the Coccidian Parasite <i>Eimeria maxima</i> . <i>Eukaryotic Cell</i> , 2003, 2, 456-464.	3.4	85
46	Heat Shock Protein 70 Is a Potential Virulence Factor in Murine <i>Toxoplasma</i> Infection Via Immunomodulation of Host NF- κ B and Nitric Oxide. <i>Journal of Immunology</i> , 2002, 169, 958-965.	0.8	101
47	Biochemical characterisation of the 56 and 82 kDa immunodominant gametocyte antigens from <i>Eimeria maxima</i> . <i>International Journal for Parasitology</i> , 2002, 32, 805-816.	3.1	36
48	Functional genomics of gam56: characterisation of the role of a 56 kilodalton sexual stage antigen in oocyst wall formation in <i>Eimeria maxima</i> . <i>International Journal for Parasitology</i> , 2002, 32, 1727-1737.	3.1	32
49	<i>Neospora caninum</i> : a cause of immune-mediated failure of pregnancy?. <i>Trends in Parasitology</i> , 2002, 18, 391-394.	3.3	95
50	The production of a 70 kDa heat shock protein by <i>Toxoplasma gondii</i> RH strain in immunocompromised mice. <i>International Journal for Parasitology</i> , 2000, 30, 1467-1473.	3.1	13
51	Cytokines, Nitric Oxide, Heat Shock Proteins and Virulence in <i>Toxoplasma</i> . <i>Parasitology Today</i> , 1999, 15, 418-422.	3.0	39
52	Immunity to Asexual Blood Stages of <i>Plasmodium</i> : Is Resistance to Acute Malaria Adaptive or Innate?. <i>Parasitology Today</i> , 1998, 14, 364-369.	3.0	48
53	The spleen, IgG antibody subsets and immunity to <i>Plasmodium berghei</i> in rats. <i>Immunology and Cell Biology</i> , 1997, 75, 318-323.	2.3	15
54	The effect of BCG, zymosan and <i>Coxiella burnetii</i> extract on <i>Eimeria</i> infections. <i>Immunology and Cell Biology</i> , 1996, 74, 346-348.	2.3	5

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55	<i>Eimeria maxima</i> gametocyte antigens: potential use in a subunit maternal vaccine against coccidiosis in chickens. <i>Vaccine</i> , 1995, 13, 347-354.	3.8	100
56	Detection of metabolic enzymes of <i>Eimeria</i> by ampholine-polyacrylamide gel isoelectric focusing. <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1994, 80, 165-169.	0.8	4
57	Virus-like particles in <i>Eimeria nieschulzi</i> are associated with multiple RNA segments. <i>Molecular and Biochemical Parasitology</i> , 1994, 63, 275-282.	1.1	21
58	<i>Eimeria maxima</i> : ELISA and Western blot analyses of protective sera. <i>Parasite Immunology</i> , 1994, 16, 377-383.	1.5	15
59	Maternal transfer of antibodies induced by infection with <i>Eimeria maxima</i> partially protects chickens against challenge with <i>Eimeria tenella</i> . <i>Parasitology</i> , 1994, 109, 551-558.	1.5	68
60	Maternal transmission of immunity to <i>Eimeria maxima</i> : western blot analysis of protective antibodies induced by infection. <i>Infection and Immunity</i> , 1994, 62, 4811-4817.	2.2	31
61	Maternal transmission of immunity to <i>Eimeria maxima</i> : enzyme-linked immunosorbent assay analysis of protective antibodies induced by infection. <i>Infection and Immunity</i> , 1994, 62, 1348-1357.	2.2	71
62	Use of IgG- and IgM-specific ELISAs for the assessment of exposure status of chickens to <i>Eimeria</i> species. <i>Veterinary Parasitology</i> , 1993, 51, 13-25.	1.8	19
63	<i>Fasciola hepatica</i> : Free radical generation by peritoneal leukocytes in challenged rodents. <i>International Journal for Parasitology</i> , 1992, 22, 281-286.	3.1	35
64	Cytokines, free radicals and resistance to <i>Eimeria</i> . <i>Parasitology Today</i> , 1992, 8, 422-426.	3.0	35
65	Concepts and strategies for anti-parasite immunoprophylaxis and therapy. <i>International Journal for Parasitology</i> , 1992, 22, 1047-1082.	3.1	21
66	Free radical generation and the course of primary infection with <i>Nippostrongylus brasiliensis</i> in congenitally athymic (nude) rats. <i>Parasite Immunology</i> , 1991, 13, 571-581.	1.5	12
67	A role for protein kinase C in the production of free oxygen radicals in response to <i>Nippostrongylus brasiliensis</i> . <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1991, 77, 521-525.	0.8	4
68	Oxygen derived free radicals and the course of <i>Eimeria vermiformis</i> infection in inbred strains of mice. <i>Parasite Immunology</i> , 1990, 12, 623-631.	1.5	9
69	The role of free oxygen radicals in the expulsion of primary infections of <i>Nippostrongylus brasiliensis</i> . <i>Zeitschrift für Parasitenkunde</i> (Berlin, Germany), 1989, 75, 423-438.	0.8	25
70	Free radical generation during primary infections with <i>Nippostrongylus brasiliensis</i> . <i>Parasite Immunology</i> , 1989, 11, 147-160.	1.5	45
71	The effect of antioxidants on the rejection of <i>Nippostrongylus brasiliensis</i> . <i>Parasite Immunology</i> , 1989, 11, 161-167.	1.5	34
72	Possible roles for pyruvate: Ferredoxin oxidoreductase and thiol-dependent peroxidase and reductase activities in resistance to nitroheterocyclic drugs in <i>Giardia intestinalis</i> . <i>International Journal for Parasitology</i> , 1988, 18, 991-997.	3.1	46

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73	The role of host generated free radicals in helminth infections: <i>Nippostrongylus brasiliensis</i> and <i>Nematospiroides dubius</i> compared. <i>International Journal for Parasitology</i> , 1986, 16, 617-622.	3.1	60