Michael J Doenhoff

List of Publications by Year
in descending order

91 papers	6,231 citations	66234 42 h-index	66788 78 g-index
93 all docs	93 docs citations	93 times ranked	4276 citing authors

#	Article	IF	Citations
1	Distinct Schistosoma mansoni-Specific Immunoglobulin Subclasses Are Induced by Different Schistosoma mansoni Stagesâ€"A Tool to Decipher Schistosoma mansoni Infection Stages. Pathogens, 2022, 11, 19.	1.2	1
2	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. PLoS Neglected Tropical Diseases, 2020, 14, e0007743.	1.3	24
3	Antigenic cross-reactivity between Schistosoma mansoni and allergenic invertebrates putatively due to shared glycanic epitopes. Scientific Reports, 2020, 10, 3350.	1.6	6
4	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. , 2020, 14, e0007743.		0
5	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. , 2020, 14, e0007743.		0
6	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. , 2020, 14, e0007743.		0
7	Transcriptome of the parasitic flatworm Schistosoma mansoni during intra-mammalian development. , 2020, 14, e0007743.		0
8	Failure of in vitro-cultured schistosomes to produce eggs: how does the parasite meet its needs for host-derived cytokines such as TGF-Î²?. International Journal for Parasitology, 2019, 49, 747-757.	1.3	7
9	Antigenic cross-reactivity between Schistosoma mansoni and pollen allergens from the birch tree (Betula verrucosa) and Timothy grass (Phleum pratense): involvement of shared glycan epitopes and implications for the hygiene hypothesis. International Journal for Parasitology, 2018, 48, 345-357.	1.3	11
10	Schistosoma mansoni Egg-Released IPSE/alpha-1 Dampens Inflammatory Cytokine Responses via Basophil Interleukin (IL)-4 and IL-13. Frontiers in Immunology, 2018, 9, 2293.	2.2	27
11	Antigenic crossâ€reactivity between Schistosoma mansoni and peanut: a role for crossâ€reactive carbohydrate determinants (CCDs) and implications for the hygiene hypothesis. Immunology, 2017, 150, 506-517.	2.0	15
12	Schistosoma mansoni cercarial elastase (SmCE): differences in immunogenic properties of native and recombinant forms. Parasitology, 2017, 144, 1356-1364.	0.7	13
13	Chemotherapy and Drug Resistance in Schistosomiasis and Other Trematode and Cestode Infections. , 2017, , 705-734.		5
14	Treatment of Schistosoma mansoni with miltefosine in vitro enhances serological recognition of defined worm surface antigens. PLoS Neglected Tropical Diseases, 2017, 11, e0005853.	1.3	11
15	Purification of a chymotrypsin-like enzyme present on adultSchistosoma mansoniworms from infected mice and its characterization as a host carboxylesterase. Parasitology, 2016, 143, 646-657.	0.7	6
16	Cross-Reactivity between Schistosoma mansoni Antigens and the Latex Allergen Hev b 7: Putative Implication of Cross-Reactive Carbohydrate Determinants (CCDs). PLoS ONE, 2016, 11, e0159542.	1.1	12
17	Use of Humanised Rat Basophilic Leukaemia Cell Line RS-ATL8 for the Assessment of Allergenicity of Schistosoma mansoni Proteins. PLoS Neglected Tropical Diseases, 2014, 8, e3124.	1.3	21
18	Field evaluation of a new antibody-based diagnostic for Schistosoma haematobium and S. mansoniat the point-of-care in northeast Zimbabwe. BMC Infectious Diseases, 2014, 14, 165.	1.3	45

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19	A new rapid diagnostic test for detection of anti-Schistosoma mansoni and anti-Schistosoma haematobium antibodies. Parasites and Vectors, 2013, 6, 29.	1.0	45
20	Cercarial Dermatitis, a Neglected Allergic Disease. Clinical Reviews in Allergy and Immunology, 2013, 45, 63-74.	2.9	68
21	Intestinal schistosomiasis in pre school-aged children of Lake Albert, Uganda: diagnostic accuracy of a rapid test for detection of anti-schistosome antibodies. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2013, 107, 639-647.	0.7	30
22	Use of recombinant calreticulin and cercarial transformation fluid (CTF) in the serodiagnosis of Schistosoma mansoni. Immunobiology, 2011, 216, 379-385.	0.8	23
23	The S. mansoni glycoprotein Ï‰â€¡ induces Foxp3 expression in NOD mouse CD4⁺ T cells. European Journal of Immunology, 2011, 41, 2709-2718.	1.6	88
24	Targeted Glycoproteomic Analysis Reveals That Kappa-5 is a Major, Uniquely Glycosylated Component of Schistosoma mansoni Egg Antigens. Molecular and Cellular Proteomics, 2011, 10, M110.005710.	2.5	36
25	Polymeric human Fc-fusion proteins with modified effector functions. Scientific Reports, 2011, 1, 124.	1.6	68
26	N-Glycosylation patterns of hemolymph glycoproteins from Biomphalaria glabrata strains expressing different susceptibility to Schistosoma mansoni infection. Experimental Parasitology, 2010, 126, 592-602.	0.5	22
27	Activity of Artemether and Mefloquine against Juvenile and Adult Schistosoma mansoni in Athymic and Immunocompetent NMRI Mice. American Journal of Tropical Medicine and Hygiene, 2010, 82, 112-114.	0.6	20
28	Structural Characterization of Glycans on Omega-1, a Major Schistosoma mansoni Egg Glycoprotein That Drives Th2 Responses. Journal of Proteome Research, 2010, 9, 2630-2642.	1.8	49
29	Schistosoma mansoni infection reduces the incidence of murine cerebral malaria. Malaria Journal, 2010, 9, 5.	0.8	39
30	Omega-1, a glycoprotein secreted by Schistosoma mansoni eggs, drives Th2 responses. Journal of Experimental Medicine, 2009, 206, 1673-1680.	4.2	327
31	Molecular characterisation of kappa-5, a major antigenic glycoprotein from Schistosoma mansoni eggs. Molecular and Biochemical Parasitology, 2009, 166, 4-14.	0.5	57
32	Genetic analysis of decreased praziquantel sensitivity in a laboratory strain of Schistosoma mansoni. Acta Tropica, 2009, 111, 82-85.	0.9	72
33	Effects of Schistosoma mansoni worms and eggs on circulating cholesterol and liver lipids in mice. Atherosclerosis, 2009, 207, 131-138.	0.4	47
34	Praziquantel: its use in control of schistosomiasis in sub-Saharan Africa and current research needs. Parasitology, 2009, 136, 1825-1835.	0.7	180
35	Chemotherapy and Drug Resistance in Schistosomiasis,Fascioliasis and Tapeworm Infections. , 2009, , 629-646.		3
36	Proteases from Schistosoma mansoni cercariae cleave IgE at solvent exposed interdomain regions. Molecular Immunology, 2008, 45, 567-574.	1.0	27

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37	Localization of carbohydrate determinants common to Biomphalaria glabrata as well as to sporocysts and miracidia of Schistosoma mansoni. Parasitology, 2008, 135, 931-942.	0.7	35
38	Praziquantel: mechanisms of action, resistance and new derivatives for schistosomiasis. Current Opinion in Infectious Diseases, 2008, 21, 659-667.	1.3	656
39	Cutting Edge: IPSE/alpha-1, a Glycoprotein fromSchistosoma mansoniEggs, Induces IgE-Dependent, Antigen-Independent IL-4 Production by Murine Basophils In Vivo. Journal of Immunology, 2007, 178, 6023-6027.	0.4	162
40	Structural characterization of N-glycans from the freshwater snail Biomphalaria glabrata cross-reacting with Schistosoma mansoni glycoconjugates. Glycobiology, 2007, 17, 82-103.	1.3	60
41	The schistosome in the mammalian host: understanding the mechanisms of adaptation. Parasitology, 2007, 134, 1477-1526.	0.7	47
42	Praziquantel for the treatment of schistosomiasis: its use for control in areas with endemic disease and prospects for drug resistance. Expert Review of Anti-Infective Therapy, 2006, 4, 199-210.	2.0	163
43	IPSE/alpha-1, a major secretory glycoprotein antigen from schistosome eggs, expresses the Lewis X motif on core-difucosylated N-glycans. FEBS Journal, 2006, 273, 2276-2292.	2.2	82
44	IPSE/alpha-1: A major immunogenic component secreted from Schistosoma mansoni eggs. Molecular and Biochemical Parasitology, 2006, 147, 9-19.	0.5	104
45	Origin and diversification of the human parasite Schistosoma mansoni. Molecular Ecology, 2005, 14, 3889-3902.	2.0	109
46	Characterisation and partial purification of Schistosoma mansoni egg-derived pro-angiogenic factor. Molecular and Biochemical Parasitology, 2005, 144, 76-85.	0.5	18
47	Molecular characterization of omega-1: A hepatotoxic ribonuclease from Schistosoma mansoni eggs. Molecular and Biochemical Parasitology, 2005, 144, 123-127.	0.5	89
48	Serodiagnosis of Schistosoma mansoni infections in an endemic area of Burkina Faso: performance of several immunological tests with different parasite antigens. Acta Tropica, 2005, 93, 169-180.	0.9	37
49	Echinococcus multilocularis metacestode extract triggers human basophils to release interleukin-4. Parasite Immunology, 2004, 26, 387-395.	0.7	31
50	Specific and sensitive diagnosis of schistosome infection: can it be done with antibodies?. Trends in Parasitology, 2004, 20, 35-39.	1.5	247
51	Determination of ED50 values for praziquantel in praziquantel-resistant and -susceptible Schistosoma mansoni isolates. International Journal for Parasitology, 2004, 34, 979-987.	1.3	114
52	Schistosome Drug Resistance. , 2004, , 341-352.		0
53	Sequence and level of endogenous expression of calcium channel Î² subunits in Schistosoma mansoni displaying different susceptibilities to praziquantel. Molecular and Biochemical Parasitology, 2003, 130, 111-115.	0.5	46
54	Phylogeography of Biomphalaria glabrata and B. pfeifferi , important intermediate hosts of Schistosoma mansoni in the New and Old World tropics. Molecular Ecology, 2003, 12, 3041-3056.	2.0	52

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55	Platelets as an innate defence mechanism againstSchistosoma mansoniinfections in mice. Parasite Immunology, 2003, 25, 467-473.	0.7	21
56	Granulomas are not just gizmos for immunologists. Trends in Immunology, 2003, 24, 168-169.	2.9	1
57	Molecular Characterization of an Interleukin-4-inducing Factor from Schistosoma mansoni Eggs. Journal of Biological Chemistry, 2003, 278, 18384-18392.	1.6	160
58	Genetic analysis of praziquantel resistance in Schistosoma mansoni. Southeast Asian Journal of Tropical Medicine and Public Health, 2003, 34, 274-80.	1.0	17
59	An anti-atherogenic effect of Schistosoma mansoni infections in mice associated with a parasite-induced lowering of blood total cholesterol. Parasitology, 2002, 125, 415-421.	0.7	80
60	Serodiagnosis of Imported Schistosomiasis by a Combination of a Commercial Indirect Hemagglutination Test with Schistosoma mansoni Adult Worm Antigens and an Enzyme-Linked Immunosorbent Assay with S. mansoni Egg Antigens. Journal of Clinical Microbiology, 2002, 40, 3432-3437.	1.8	107
61	Fuc(Î±1â†'3)GalNAc-: the major antigenic motif of Schistosoma mansoni glycolipids implicated in infection sera and keyhole-limpet haemocyanin cross-reactivity. Biochemical Journal, 2002, 366, 217-223.	1.7	52
62	Evidence for the presence of active cytochrome P450 systems inSchistosoma mansoniandSchistosoma haematobiumadult worms. FEBS Letters, 2002, 519, 205-209.	1.3	26
63	Characterization of glycosphingolipids fromSchistosoma mansonieggs carrying Fuc(Î±1-3)GalNAc-, GalNAc(Î²1-4)[Fuc(Î±1-3)]GlcNAc- and Gal(Î²1-4)[Fuc(Î±1-3)]GlcNAc- (Lewis X) terminal structures. FEBS Journal, 2002, 269, 481-493.	0.2	61
64	Resistance of Schistosoma mansoni to praziquantel: is there a problem?. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2002, 96, 465-469.	0.7	204
65	Infection induces antibodies against the cercarial secretions, but not against the cercarial elastases ofSchistosoma mansoni,Schistosoma haematobium,Schistosoma japonicumandTrichobilharzia ocellata. Parasite Immunology, 2001, 23, 557-565.	0.7	31
66	In vitro responses of praziquantel-resistant and -susceptible Schistosoma mansoni to praziquantel. International Journal for Parasitology, 2001, 31, 1227-1235.	1.3	88
67	The Concept of Virulence. Parasitology Today, 2000, 16, 218.	3.1	1
68	A fucose-containing epitope is shared by keyhole limpet haemocyanin and Schistosoma mansoni glycosphingolipids. Molecular and Biochemical Parasitology, 2000, 110, 237-246.	0.5	28
69	Stage-associated expression of ceramide structures in glycosphingolipids from the human trematode parasite Schistosoma mansoni. Biochimica Et Biophysica Acta - General Subjects, 2000, 1524, 155-161.	1.1	20
70	Granulomatous inflammation and transmission of infection â€“ reply. Trends in Immunology, 1999, 20, 338.	7.5	0
71	Immunochemical characterisation of Schistosoma mansoni glycolipid antigens. Molecular and Biochemical Parasitology, 1999, 103, 155-169.	0.5	34
72	Is Schistosomicidal Chemotherapy Sub-curative? Implications for Drug Resistance. Parasitology Today, 1998, 14, 434-435.	3.1	54

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73	Granulomatous inflammation and the transmission of infection: schistosomiasis- and TBtoo?. Trends in Immunology, 1998, 19, 462-467.	7.5	48
74	Schistosoma mansoni:Maturation Rate and Drug Susceptibility of Different Geographic Isolates. Experimental Parasitology, 1997, 86, 29-36.	0.5	73
75	Sm480: a high molecular weight Schistosoma mansoni antigen associated with protective immunity. Parasite Immunology, 1996, 18, 149-157.	0.7	13
76	AGA/AGG codon usage in parasites: implications for gene expression in Escherichia coli. Parasitology Today, 1995, 11, 345-346.	3.1	14
77	Active immunization of mice with Schistosoma mansoni worm membrane antigens enhances efficacy of praziquantel. Parasite Immunology, 1995, 17, 261-268.	0.7	35
78	Drug-Resistant Schistosomiasis: Resistance to Praziquantel and Oxamniquine Induced in Schistosoma Mansoni in Mice is Drug Specific. American Journal of Tropical Medicine and Hygiene, 1994, 51, 83-88.	0.6	387
79	Seroepidemiology and serodiagnosis of schistosomiasis in Kenya using crude and purified egg antigens of Schistosoma mansoni in ELISA. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 42-48.	0.7	57
80	Does immunosuppression promote drug resistance in malaria?. Parasitology Today, 1992, 8, 130.	3.1	0
81	Schistosoma mansoni: Control of hepatotoxicity and egg excretion by immune serum in infected immunosuppressed mice is schistosome species-specific, but not S. mansoni strain-specific. Experimental Parasitology, 1992, 75, 329-339.	0.5	18
82	A stage-specific calcium-binding protein expressed in eggs of Schistosoma mansoni. Molecular and Biochemical Parasitology, 1992, 51, 229-238.	0.5	35
83	Blood Platelets and Schistosome Egg Excretion. Experimental Biology and Medicine, 1990, 193, 73-79.	1.1	26
84	Schistosoma mansoni: Chemotherapy of infections of different ages. Experimental Parasitology, 1986, 61, 294-303.	0.5	309
85	Does the immunopathology induced by schistosome eggs potentiate parasite survival?. Trends in Immunology, 1985, 6, 203-206.	7.5	41
86	Schistosoma mansoni: Reduced efficacy of chemotherapy in infected T-cell-deprived mice. Experimental Parasitology, 1985, 60, 348-354.	0.5	102
87	Immunological control of hepatotoxicity and parasite egg excretion in Schistosoma mansoni infections: stage specificity of the reactivity of immune serum in T-cell deprived mice. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1981, 75, 41-53.	0.7	103
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91	Serum amyloid P-component is an acute-phase reactant in the mouse. Nature, 1979, 278, 259-261.	13.7	302