Geoffrey N Gobert

List of Publications by Year
in descending order

123 papers	5,081 citations	66250 44 h-index	120465 65 g-index
123 all docs	123 docs citations	123 times ranked	4311 citing authors

#	Article	IF	Citations
1	Electronic teaching resources for university cell biology supports improved student learning outcomes. Biochemistry and Molecular Biology Education, 2022, 50, 91-98.	0.5	2
2	Adult schistosomes have an epithelial bacterial population distinct from the surrounding mammalian host blood. PLoS ONE, 2022, 17, e0263188.	1.1	5
3	Synthetic peptides derived from the Schistosoma mansoni secretory protein Sm16 induce contrasting responses in hepatic stellate cells. Experimental Parasitology, 2022, 236-237, 108255.	0.5	1
4	Clinical helminth infections alter host gut and saliva microbiota. PLoS Neglected Tropical Diseases, 2022, 16, e0010491.	1.3	5
5	Revisiting the Schistosoma japonicum life cycle transcriptome for new insights into lung schistosomula development. Experimental Parasitology, 2021, 223, 108080.	0.5	7
6	Modulation of the Host Immune Response by Schistosome Egg-Secreted Proteins Is a Critical Avenue of Hostâ€“Parasite Communication. Pathogens, 2021, 10, 863.	1.2	9
7	RNA sequencing of LX-2 cells treated with TGF-Î²1 identifies genes associated with hepatic stellate cell activation. Molecular Biology Reports, 2021, 48, 7677-7688.	1.0	4
8	A comparative proteomics analysis of the egg secretions of three major schistosome species. Molecular and Biochemical Parasitology, 2020, 240, 111322.	0.5	21
9	Use of kinase inhibitors against schistosomes to improve and broaden praziquantel efficacy. Parasitology, 2020, 147, 1488-1498.	0.7	7
10	Clinical helminthiases in Thailand border regions show elevated prevalence levels using qPCR diagnostics combined with traditional microscopic methods. Parasites and Vectors, 2020, 13, 416.	1.0	11
11	Helminths, polyparasitism, and the gut microbiome in the Philippines. International Journal for Parasitology, 2020, 50, 217-225.	1.3	20
12	Whole-genome sequence of the bovine blood fluke Schistosoma bovis supports interspecific hybridization with S. haematobium. PLoS Pathogens, 2019, 15, e1007513.	2.1	49
13	A Call for Systems Epidemiology to Tackle the Complexity of Schistosomiasis, Its Control, and Its Elimination. Tropical Medicine and Infectious Disease, 2019, 4, 21.	0.9	16
14	Live imaging of collagen deposition during experimental hepatic schistosomiasis and recovery: a view on a dynamic process. Laboratory Investigation, 2019, 99, 231-243.	1.7	4
15	Schistosomiasis in Malaysia: A review. Acta Tropica, 2019, 190, 137-143.	0.9	28
16	Whole-genome sequence of the oriental lung flukeParagonimus westermani. GigaScience, 2019, 8, .	3.3	29
17	Schistosome-Induced Fibrotic Disease: The Role of Hepatic Stellate Cells. Trends in Parasitology, 2018, 34, 524-540.	1.5	93
18	Calcium and Ca2+/Calmodulin-dependent kinase II as targets for helminth parasite control. Biochemical Society Transactions, 2018, 46, 1743-1751.	1.6	6

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19	Co-parasitism of intestinal protozoa and Schistosoma japonicum in a rural community in the Philippines. Infectious Diseases of Poverty, 2018, 7, 121.	1.5	17
20	Rodents, goats and dogs â€“ their potential roles in the transmission of schistosomiasis in China. Parasitology, 2017, 144, 1633-1642.	0.7	38
21	A novel duplex ddPCR assay for the diagnosis of schistosomiasis japonica: proof of concept in an experimental mouse model. Parasitology, 2017, 144, 1005-1015.	0.7	34
22	Taurocholate Induces Biliary Differentiation of Liver Progenitor Cells Causing Hepatic Stellate Cell Chemotaxis in the Ductular Reaction. American Journal of Pathology, 2017, 187, 2744-2757.	1.9	20
23	Droplet Digital PCR Diagnosis of Human Schistosomiasis: Parasite Cell-Free DNA Detection in Diverse Clinical Samples. Journal of Infectious Diseases, 2017, 216, 1611-1622.	1.9	61
24	Effect of praziquantel on the differential expression of mouse hepatic genes and parasite ATP binding cassette transporter gene family members during Schistosoma mansoni infection. PLoS Neglected Tropical Diseases, 2017, 11, e0005691.	1.3	16
25	Comprehensive Transcriptome Analysis of Sex-Biased Expressed Genes Reveals Discrete Biological and Physiological Features of Male and Female Schistosoma japonicum. PLoS Neglected Tropical Diseases, 2016, 10, e0004684.	1.3	43
26	Optimisation of a droplet digital PCR assay for the diagnosis of Schistosoma japonicum infection: A duplex approach with DNA binding dye chemistry. Journal of Microbiological Methods, 2016, 125, 19-27.	0.7	34
27	Functional characterisation of Schistosoma japonicum acetylcholinesterase. Parasites and Vectors, 2016, 9, 328.	1.0	18
28	Specific humoral response of hosts with variable schistosomiasis susceptibility. Immunology and Cell Biology, 2016, 94, 52-65.	1.0	8
29	Antibody Signatures Reflect Different Disease Pathologies in Patients With Schistosomiasis Due toSchistosoma japonicum. Journal of Infectious Diseases, 2016, 213, 122-130.	1.9	24
30	The Tao survivorship of schistosomes: implications for schistosomiasis control. International Journal for Parasitology, 2016, 46, 453-463.	1.3	19
31	Characterising granuloma regression and liver recovery in a murine model of schistosomiasis japonica. International Journal for Parasitology, 2016, 46, 239-252.	1.3	17
32	The Increase of Exotic Zoonotic Helminth Infections. Advances in Parasitology, 2016, 91, 311-397.	1.4	44
33	Clinical implications of recent findings in schistosome proteomics. Expert Review of Proteomics, 2016, 13, 19-33.	1.3	17
34	MicroRNAs in Parasitic Helminthiases: Current Status and Future Perspectives. Trends in Parasitology, 2016, 32, 71-86.	1.5	69
35	Schistosomula. , 2016, , 184-212.		1
36	Tegument and External Features ofSchistosoma(with Particular Reference to Ultrastructure). , 2016, , 213-238.		1

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37	Transcriptional profiling of chronic clinical hepatic schistosomiasis japonica indicates reduced metabolism and immune responses. Parasitology, 2015, 142, 1453-1468.	0.7	8
38	A novel coagulation inhibitor fromSchistosoma japonicum. Parasitology, 2015, 142, 1663-1672.	0.7	19
39	Lysosome-associated membrane glycoprotein (LAMP) â€“ preliminary study on a hidden antigen target for vaccination against schistosomiasis. Scientific Reports, 2015, 5, 15069.	1.6	10
40	Exploring molecular variation in Schistosoma japonicum in China. Scientific Reports, 2015, 5, 17345.	1.6	33
41	Haem uptake is essential for egg production in the haematophagous blood fluke of humans, SchistosomaÂmansoni. FEBS Journal, 2015, 282, 3632-3646.	2.2	23
42	Circulating miRNAs: Potential Novel Biomarkers for Hepatopathology Progression and Diagnosis of Schistosomiasis Japonica in Two Murine Models. PLoS Neglected Tropical Diseases, 2015, 9, e0003965.	1.3	65
43	Functional expression of a novel Kunitz type protease inhibitor from the human blood fluke Schistosoma mansoni. Parasites and Vectors, 2015, 8, 408.	1.0	52
44	Advances in the Diagnosis of Human Schistosomiasis. Clinical Microbiology Reviews, 2015, 28, 939-967.	5.7	222
45	Suppression of the Insulin Receptors in Adult Schistosoma japonicum Impacts on Parasite Growth and Development: Further Evidence of Vaccine Potential. PLoS Neglected Tropical Diseases, 2015, 9, e0003730.	1.3	46
46	An Ex Vivo Model for Studying Hepatic Schistosomiasis and the Effect of Released Protein from Dying Eggs. PLoS Neglected Tropical Diseases, 2015, 9, e0003760.	1.3	10
47	High Prevalence of Schistosoma japonicum and Fasciola gigantica in Bovines from Northern Samar, the Philippines. PLoS Neglected Tropical Diseases, 2015, 9, e0003108.	1.3	49
48	Real-time PCR Demonstrates High Prevalence of Schistosoma japonicum in the Philippines: Implications for Surveillance and Control. PLoS Neglected Tropical Diseases, 2015, 9, e0003483.	1.3	51
49	Multiplex real-time PCR monitoring of intestinal helminths in humans reveals widespread polyparasitism in Northern Samar, the Philippines. International Journal for Parasitology, 2015, 45, 477-483.	1.3	54
50	Current and prospective chemotherapy options for schistosomiasis. Expert Opinion on Orphan Drugs, 2015, 3, 195-205.	0.5	6
51	A novel and effective hyperthermia method for Schistosomiasis japonica prevention and treatment 1 1Huixia Yang and Tao Tang contributed equally to this work.. Science Bulletin, 2015, 60, 1461-1464.	4.3	0
52	Cloning and Characterization of Two Potent Kunitz Type Protease Inhibitors from Echinococcus granulosus. PLoS Neglected Tropical Diseases, 2015, 9, e0004268.	1.3	34
53	Functional characterization ofSjB10, an intracellular serpin fromSchistosoma japonicum. Parasitology, 2014, 141, 1746-1760.	0.7	15
54	Solution Structure, Membrane Interactions, and Protein Binding Partners of the Tetraspanin Sm-TSP-2, a Vaccine Antigen from the Human Blood Fluke Schistosoma mansoni. Journal of Biological Chemistry, 2014, 289, 7151-7163.	1.6	33

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55	Revisiting glucose uptake and metabolism in schistosomes: new molecular insights for improved schistosomiasis therapies. Frontiers in Genetics, 2014, 5, 176.	1.1	27
56	An Immunomics Approach to Schistosome Antigen Discovery: Antibody Signatures of Naturally Resistant and Chronically Infected Individuals from Endemic Areas. PLoS Pathogens, 2014, 10, e1004033.	2.1	78
57	Cellular and chemokine-mediated regulation in schistosome-induced hepatic pathology. Trends in Parasitology, 2014, 30, 141-150.	1.5	174
58	Transcriptional profiling of the oesophageal gland region of male worms of Schistosoma mansoni. Molecular and Biochemical Parasitology, 2014, 196, 82-89.	0.5	17
59	Gaining biological perspectives from schistosome genomes. Molecular and Biochemical Parasitology, 2014, 196, 21-28.	0.5	12
60	Defining a pro-inflammatory neutrophil phenotype in response to schistosome eggs. Cellular Microbiology, 2014, 16, 1666-1677.	1.1	44
61	Characterisation of a secretory serine protease inhibitor (SjB6) from Schistosoma japonicum. Parasites and Vectors, 2014, 7, 330.	1.0	11
62	Spatial and temporal transcriptomics ofSchistosoma japonicum-induced hepatic granuloma formation reveals novel roles for neutrophils. Journal of Leukocyte Biology, 2013, 94, 353-365.	1.5	71
63	Tetraspanin-2 localisation in high pressure frozen and freeze-substituted Schistosoma mansoni adult males reveals its distribution in membranes of tegumentary vesicles. International Journal for Parasitology, 2013, 43, 785-793.	1.3	18
64	Apoptosis phenomenon in the schistosomulum and adult worm life cycle stages of Schistosoma japonicum. Parasitology International, 2013, 62, 100-108.	0.6	26
65	Differences in genomic architecture between two distinct geographical strains of the blood fluke Schistosoma japonicum reveal potential phenotype basis. Molecular and Cellular Probes, 2013, 27, 19-27.	0.9	4
66	Transcriptional Responses of In Vivo Praziquantel Exposure in Schistosomes Identifies a Functional Role for Calcium Signalling Pathway Member CamKII. PLoS Pathogens, 2013, 9, e1003254.	2.1	61
67	Schistosoma japonicum Eggs Induce a Proinflammatory, Anti-Fibrogenic Phenotype in Hepatic Stellate Cells. PLoS ONE, 2013, 8, e68479.	1.1	39
68	A Novel Procedure for Precise Quantification of Schistosoma japonicum Eggs in Bovine Feces. PLoS Neglected Tropical Diseases, 2012, 6, e1885.	1.3	24
69	High Prevalence of Schistosoma japonicum Infection in Carabao from Samar Province, the Philippines: Implications for Transmission and Control. PLoS Neglected Tropical Diseases, 2012, 6, e1778.	1.3	84
70	The insulin receptor is a transmission blocking veterinary vaccine target for zoonotic Schistosoma japonicum. International Journal for Parasitology, 2012, 42, 801-807.	1.3	59
71	Serine protease inhibitors of parasitic helminths. Parasitology, 2012, 139, 681-695.	0.7	80
72	Comparative Gene Expression Profiling of P. falciparum Malaria Parasites Exposed to Three Different Histone Deacetylase Inhibitors. PLoS ONE, 2012, 7, e31847.	1.1	63

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73	DNA amplification approaches for the diagnosis of key parasitic helminth infections of humans. Molecular and Cellular Probes, 2011, 25, 143-152.	0.9	61
74	Differential Expression of Chemokine and Matrix Re-Modelling Genes Is Associated with Contrasting Schistosome-Induced Hepatopathology in Murine Models. PLoS Neglected Tropical Diseases, 2011, 5, e1178.	1.3	31
75	Apoptosis Governs the Elimination of Schistosoma japonicum from the Non-Permissive Host Microtus fortis. PLoS ONE, 2011, 6, e21109.	1.1	37
76	Migrating Schistosoma japonicum schistosomula induce an innate immune response and wound healing in the murine lung. Molecular Immunology, 2011, 49, 191-200.	1.0	27
77	High quality RNA isolation from Aedes aegypti midguts using laser microdissection microscopy. Parasites and Vectors, 2011, 4, 83.	1.0	4
78	Molecular analysis of zinc transporters in Schistosoma japonicum. Experimental Parasitology, 2011, 127, 768-776.	0.5	1
79	Differential gene expression in Schistosoma japonicum schistosomula from Wistar rats and BALB/c mice. Parasites and Vectors, 2011, 4, 155.	1.0	26
80	Signalling pathways and the hostâ€parasite relationship: Putative targets for control interventions against schistosomiasis. BioEssays, 2011, 33, 203-214.	1.2	29
81	Signalling pathways and the host-parasite relationship: Putative targets for control interventions against schistosomiasis: Signalling pathways and future anti-schistosome therapies. BioEssays, 2011, 33, 556-556.	1.2	1
82	Vaccinomics for the Major Blood Feeding Helminths of Humans. OMICS A Journal of Integrative Biology, 2011, 15, 567-577.	1.0	48
83	Gene Atlasing of Digestive and Reproductive Tissues in Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2011, 5, e1043.	1.3	69
84	Applications for profiling the schistosome transcriptome. Trends in Parasitology, 2010, 26, 434-439.	1.5	11
85	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	1.3	130
86	Cloning and Characterisation of Schistosoma japonicum Insulin Receptors. PLoS ONE, 2010, 5, e9868.	1.1	76
87	Temporal Expression of Chemokines Dictates the Hepatic Inflammatory Infiltrate in a Murine Model of Schistosomiasis. PLoS Neglected Tropical Diseases, 2010, 4, e598.	1.3	109
88	Transcriptional Changes in Schistosoma mansoni during Early Schistosomula Development and in the Presence of Erythrocytes. PLoS Neglected Tropical Diseases, 2010, 4, e600.	1.3	70
89	Co-ordinated Gene Expression in the Liver and Spleen during Schistosoma japonicum Infection Regulates Cell Migration. PLoS Neglected Tropical Diseases, 2010, 4, e686.	1.3	40
90	A Cytochrome b561 with Ferric Reductase Activity from the Parasitic Blood Fluke, Schistosoma japonicum. PLoS Neglected Tropical Diseases, 2010, 4, e884.	1.3	12

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91	Better Understanding of Anti-Schistosomal Strategies Through Microarray Analysis. Infectious Disorders - Drug Targets, 2010, 10, 251-257.	0.4	6
92	Heme and blood-feeding parasites: friends or foes?. Parasites and Vectors, 2010, 3, 108.	1.0	87
93	Tissue Specific Profiling of Females of Schistosoma japonicum by Integrated Laser Microdissection Microscopy and Microarray Analysis. PLoS Neglected Tropical Diseases, 2009, 3, e469.	1.3	70
94	Analysis of early hepatic stage schistosomula gene expression by subtractive expressed sequence tags library. Molecular and Biochemical Parasitology, 2009, 166, 62-69.	0.5	13
95	Developmental gene expression profiles of the human pathogen Schistosoma japonicum. BMC Genomics, 2009, 10, 128.	1.2	129
96	Transcriptional profiles of adult male and female Schistosoma japonicum in response to insulin reveal increased expression of genes involved in growth and development. International Journal for Parasitology, 2009, 39, 1551-1559.	1.3	45
97	Immunopathogenesis of human schistosomiasis. Parasite Immunology, 2009, 31, 163-176.	0.7	351
98	RNA interference of Schistosoma mansoni cathepsin D, the apical enzyme of the hemoglobin proteolysis cascade. Molecular and Biochemical Parasitology, 2008, 157, 160-168.	0.5	115
99	Integration of reporter transgenes intoSchistosoma mansonichromosomes mediated by pseudotyped murine leukemia virus. FASEB Journal, 2008, 22, 2936-2948.	0.2	56
100	Comparative real-time PCR and enzyme analysis of selected gender-associated molecules inSchistosoma japonicum. Parasitology, 2008, 135, 575-583.	0.7	11
101	Discovering New Schistosome Drug Targets: The Role of Transcriptomics. Current Drug Targets, 2008, 9, 922-930.	1.0	19
102	piggyBac transposon mediated transgenesis of the human blood fluke, Schistosoma mansoni. FASEB Journal, 2007, 21, 3479-3489.	0.2	83
103	Biology of the schistosome lung-stage schistosomulum. Parasitology, 2007, 134, 453-460.	0.7	49
104	Tracking the fate of iron in early development of human blood flukes. International Journal of Biochemistry and Cell Biology, 2007, 39, 1646-1658.	1.2	60
105	Towards tissue specific transcriptomics and expression pattern analysis in schistosomes using laser microdissection microscopy. Experimental Parasitology, 2007, 117, 259-266.	0.5	17
106	Oligonucleotide microarray analysis of strain- and gender-associated gene expression in the human blood fluke, Schistosoma japonicum. Molecular and Cellular Probes, 2006, 20, 280-289.	0.9	59
107	Transcriptome profiling of lung schistosomula,in vitro cultured schistosomula and adult Schistosoma japonicum. Cellular and Molecular Life Sciences, 2006, 63, 919-929.	2.4	71
108	Transduction of Schistosoma mansoni by vesicular stomatitis virus glycoprotein-pseudotyped Moloney murine leukemia retrovirus. Experimental Parasitology, 2006, 112, 209-220.	0.5	63

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109	Transcriptomics tool for the human Schistosoma blood flukes using microarray gene expression profiling. Experimental Parasitology, 2006, 114, 160-172.	0.5	48
110	Microarrays: new tools to unravel parasite transcriptomes. Parasitology, 2005, 131, 439.	0.7	14
111	Copro-PCR based detection of Schistosoma eggs using mitochondrial DNA markers. Molecular and Cellular Probes, 2005, 19, 250-254.	0.9	48
112	Update on paramyosin in parasitic worms. Parasitology International, 2005, 54, 101-107.	0.6	56
113	The cytoskeleton and motor proteins of human schistosomes and their roles in surface maintenance and host-parasite interactions. BioEssays, 2004, 26, 752-765.	1.2	125
114	The ultrastructural architecture of the adult Schistosoma japonicum tegument. International Journal for Parasitology, 2003, 33, 1561-1575.	1.3	67
115	Immunolocalization of NuMA and phosphorylated proteins during the cell cycle in human breast and prostate cancer cells as analyzed by immunofluorescence and postembedding immunoelectron microscopy. Histochemistry and Cell Biology, 2001, 115, 381-395.	0.8	10
116	The Role of Microscopy in the Investigation of Paramyosin as a Vaccine Candidate against Schistosoma japonicum. Parasitology Today, 1998, 14, 115-118.	3.1	21
117	Immunolocalization of schistosome proteins. , 1998, 42, 176-185.		13
118	Ultrastructural analysis of the adult Schistosoma japonicum by lectin cytochemistry. International Journal for Parasitology, 1998, 28, 1445-1452.	1.3	5
119	Immunolocalisation of the glutathione S-transferases, GST-26 and GST-28, within adult Schistosoma japonicum. International Journal for Parasitology, 1998, 28, 1437-1443.	1.3	5
120	Schistosoma japonicum: immunolocalization of paramyosin during development. Parasitology, 1997, 114, 45-52.	0.7	51
121	Immunolocalization of the fatty acid-binding protein Sj-FABPc within adult Schistosoma japonicum. Parasitology, 1997, 115, 33-39.	0.7	59
122	Oral vaccination of mice with recombinant Schistosoma japonicum proteins induces specific antiparasite antibodies and damage to adult worms after a challenge infection. International Journal for Parasitology, 1997, 27, 843-853.	1.3	20
123	Bistratene A Causes Phosphorylation of Talin and Redistribution of Actin Microfilaments in Fibroblasts: Possible Role for PKC-Î´. Experimental Cell Research, 1996, 229, 327-335.	1.2	33