Alex Loukas

List of Publications by Year
in descending order

350 papers	21,816 citations	7096 78 h-index	13771 129 g-index
371 all docs	371 docs citations	371 times ranked	12378 citing authors

#	Article	IF	Citations
1	Soil-transmitted helminth infections: ascariasis, trichuriasis, and hookworm. Lancet, The, 2006, 367, 1521-1532.	13.7	1,981
2	Liver Fluke Induces Cholangiocarcinoma. PLoS Medicine, 2007, 4, e201.	8.4	605
3	Hookworm Infection. New England Journal of Medicine, 2004, 351, 799-807.	27.0	556
4	Current Status of Vaccines for Schistosomiasis. Clinical Microbiology Reviews, 2008, 21, 225-242.	13.6	419
5	Whole-genome sequence of Schistosoma haematobium. Nature Genetics, 2012, 44, 221-225.	21.4	383
6	The tumorigenic liver fluke Opisthorchis viverrini â€“ multiple pathways to cancer. Trends in Parasitology, 2012, 28, 395-407.	3.3	376
7	The Intestinal Microbiota Contributes to the Ability of Helminths to Modulate Allergic Inflammation. Immunity, 2015, 43, 998-1010.	14.3	362
8	Tetraspanins on the surface of Schistosoma mansoni are protective antigens against schistosomiasis. Nature Medicine, 2006, 12, 835-840.	30.7	359
9	Cholangiocarcinoma. Nature Reviews Disease Primers, 2021, 7, 65.	30.5	270
10	Opisthorchiasis and Opisthorchis-associated cholangiocarcinoma in Thailand and Laos. Acta Tropica, 2011, 120, S158-S168.	2.0	262
11	Developing vaccines to combat hookworm infection and intestinal schistosomiasis. Nature Reviews Microbiology, 2010, 8, 814-826.	28.6	236
12	Hookworm infection. Nature Reviews Disease Primers, 2016, 2, 16088.	30.5	199
13	The genome and developmental transcriptome of the strongylid nematode Haemonchus contortus. Genome Biology, 2013, 14, R89.	9.6	192
14	Effect of Hookworm Infection on Wheat Challenge in Celiac Disease â€“ A Randomised Double-Blinded Placebo Controlled Trial. PLoS ONE, 2011, 6, e17366.	2.5	188
15	Immune Responses in Hookworm Infections. Clinical Microbiology Reviews, 2001, 14, 689-703.	13.6	186
16	Helminth Immunomodulation in Autoimmune Disease. Frontiers in Immunology, 2017, 8, 453.	4.8	182
17	Digestive proteases of blood-feeding nematodes. Trends in Parasitology, 2003, 19, 417-423.	3.3	179
18	Antibodies against a secreted protein from hookworm larvae reduce the intensity of hookworm infection in humans and vaccinated laboratory animals. FASEB Journal, 2005, 19, 1743-1745.	0.5	169

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19	Proteomics Analysis of the Excretory/Secretory Component of the Blood-feeding Stage of the Hookworm, Ancylostoma caninum. Molecular and Cellular Proteomics, 2009, 8, 109-121.	3.8	167
20	Genome of the human hookworm Necator americanus. Nature Genetics, 2014, 46, 261-269.	21.4	166
21	Experimental hookworm infection and gluten microchallenge promote tolerance in celiac disease. Journal of Allergy and Clinical Immunology, 2015, 135, 508-516.e5.	2.9	163
22	A Granulin-Like Growth Factor Secreted by the Carcinogenic Liver Fluke, Opisthorchis viverrini, Promotes Proliferation of Host Cells. PLoS Pathogens, 2009, 5, e1000611.	4.7	162
23	Hookworm Secreted Extracellular Vesicles Interact With Host Cells and Prevent Inducible Colitis in Mice. Frontiers in Immunology, 2018, 9, 850.	4.8	159
24	A Multi-enzyme Cascade of Hemoglobin Proteolysis in the Intestine of Blood-feeding Hookworms. Journal of Biological Chemistry, 2004, 279, 35950-35957.	3.4	155
25	Immune-Mediated Mechanisms of Parasite Tissue Sequestration during Experimental Cerebral Malaria. Journal of Immunology, 2010, 185, 3632-3642.	0.8	155
26	Impact of Experimental Hookworm Infection on the Human Gut Microbiota. Journal of Infectious Diseases, 2014, 210, 1431-1434.	4.0	153
27	Therapeutic potential of helminth soluble proteins in TNBS-induced colitis in mice. Inflammatory Bowel Diseases, 2009, 15, 491-500.	1.9	152
28	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: Implications for the development of vaccines against helminths. Journal of Allergy and Clinical Immunology, 2012, 130, 169-176.e6.	2.9	151
29	Extracellular vesicles secreted by Schistosoma mansoni contain protein vaccine candidates. International Journal for Parasitology, 2016, 46, 1-5.	3.1	147
30	Advanced periductal fibrosis from infection with the carcinogenic human liver fluke Opisthorchis viverrini correlates with elevated levels of interleukin-6. Hepatology, 2009, 50, 1273-1281.	7.3	145
31	Vaccines to combat the neglected tropical diseases. Immunological Reviews, 2011, 239, 237-270.	6.0	143
32	Unlocking the Transcriptomes of Two Carcinogenic Parasites, Clonorchis sinensis and Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2010, 4, e719.	3.0	141
33	Carcinogenic Liver Fluke Secretes Extracellular Vesicles That Promote Cholangiocytes to Adopt a Tumorigenic Phenotype. Journal of Infectious Diseases, 2015, 212, 1636-1645.	4.0	141
34	X-ray Structure of Na-ASP-2, a Pathogenesis-related-1 Protein from the Nematode Parasite, Necator americanus, and a Vaccine Antigen for Human Hookworm Infection. Journal of Molecular Biology, 2005, 346, 801-814.	4.2	139
35	A portrait of the â€œSCP/TAPSâ€•proteins of eukaryotes â€" Developing a framework for fundamental research and biotechnological outcomes. Biotechnology Advances, 2009, 27, 376-388.	11.7	139
36	Progress in the development of a recombinant vaccine for human hookworm disease: The Human Hookworm Vaccine Initiative. International Journal for Parasitology, 2003, 33, 1245-1258.	3.1	137

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37	The secreted and surface proteomes of the adult stage of the carcinogenic human liver fluke Opisthorchis viverrini. Proteomics, 2010, 10, 1063-1078.	2.2	135
38	Schistosome membrane proteins as vaccines. International Journal for Parasitology, 2007, 37, 257-263.	3.1	133
39	A Novel High Throughput Assay for Anthelmintic Drug Screening and Resistance Diagnosis by Real-Time Monitoring of Parasite Motility. PLoS Neglected Tropical Diseases, 2010, 4, e885.	3.0	131
40	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	3.1	130
41	Hookworm vaccines: past, present, and future. Lancet Infectious Diseases, The, 2006, 6, 733-741.	9.1	128
42	Characterization of Trichuris muris secreted proteins and extracellular vesicles provides new insights into hostâ€“parasite communication. Journal of Extracellular Vesicles, 2018, 7, 1428004.	12.2	127
43	Hookworm recombinant protein promotes regulatory T cell responses that suppress experimental asthma. Science Translational Medicine, 2016, 8, 362ra143.	12.4	123
44	Schistosomiasis vaccines: where do we stand?. Parasites and Vectors, 2016, 9, 528.	2.5	121
45	Cloning, Yeast Expression, Isolation, and Vaccine Testing of RecombinantAncylostomaâ€Secreted Protein (ASP)â€“1 and ASPâ€2 fromAncylostoma ceylanicum. Journal of Infectious Diseases, 2004, 189, 919-929.	4.0	119
46	Suppression of mRNAs Encoding Tegument Tetraspanins from Schistosoma mansoni Results in Impaired Tegument Turnover. PLoS Pathogens, 2010, 6, e1000840.	4.7	117
47	Vaccination with Recombinant Aspartic Hemoglobinase Reduces Parasite Load and Blood Loss after Hookworm Infection in Dogs. PLoS Medicine, 2005, 2, e295.	8.4	115
48	Helminth C-type Lectins and Hostâ€“Parasite Interactions. Parasitology Today, 2000, 16, 333-339.	3.0	113
49	Cleavage of hemoglobin by hookworm cathepsin D aspartic proteases and its potential contribution to host specificity. FASEB Journal, 2002, 16, 1458-1460.	0.5	112
50	Characterising the Mucosal and Systemic Immune Responses to Experimental Human Hookworm Infection. PLoS Pathogens, 2012, 8, e1002520.	4.7	110
51	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. Nature Immunology, 2020, 21, 1205-1218.	14.5	110
52	A novel C-type lectin secreted by a tissue-dwelling parasitic nematode. Current Biology, 1999, 9, 825-828.	3.9	109
53	A survey of genes expressed in adults of the human hookworm, Necator americanus. Parasitology, 2000, 120, 171-184.	1.5	105
54	Suppression of Inflammatory Immune Responses in Celiac Disease by Experimental Hookworm Infection. PLoS ONE, 2011, 6, e24092.	2.5	105

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55	The Human Hookworm Vaccine. Vaccine, 2013, 31, B227-B232.	3.8	105
56	A quantitative proteomic analysis of the tegumental proteins from Schistosoma mansoni schistosomula reveals novel potential therapeutic targets. International Journal for Parasitology, 2015, 45, 505-516.	3.1	103
57	Receptor for Fc on the Surfaces of Schistosomes. Infection and Immunity, 2001, 69, 3646-3651.	2.2	102
58	Ultrasonography assessment of hepatobiliary abnormalities in 3359 subjects with Opisthorchis viverrini infection in endemic areas of Thailand. Parasitology International, 2012, 61, 208-211.	1.3	102
59	Hookworm Excretory/Secretory Products Induce Interleukin-4 (IL-4) ⁺ IL-10 ⁺ CD4 ⁺ T Cell Responses and Suppress Pathology in a Mouse Model of Colitis. Infection and Immunity, 2013, 81, 2104-2111.	2.2	102
60	Vaccination of Dogs with a Recombinant Cysteine Protease from the Intestine of Canine Hookworms Diminishes the Fecundity and Growth of Worms. Journal of Infectious Diseases, 2004, 189, 1952-1961.	4.0	98
61	Ancylostoma caninum MTP-1, an Astacin-Like Metalloprotease Secreted by Infective Hookworm Larvae, Is Involved in Tissue Migration. Infection and Immunity, 2006, 74, 961-967.	2.2	98
62	Biochemical Characterization and Vaccine Potential of a Heme-Binding Glutathione Transferase from the Adult Hookworm Ancylostoma caninum. Infection and Immunity, 2005, 73, 6903-6911.	2.2	97
63	Elevated Plasma IL-6 Associates with Increased Risk of Advanced Fibrosis and Cholangiocarcinoma in Individuals Infected by Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2012, 6, e1654.	3.0	96
64	Neglected Tropical Diseases of Oceania: Review of Their Prevalence, Distribution, and Opportunities for Control. PLoS Neglected Tropical Diseases, 2013, 7, e1755.	3.0	95
65	Molecular characterisation of the Ancylostoma-secreted protein family from the adult stage of Ancylostoma caninum. International Journal for Parasitology, 2003, 33, 897-907.	3.1	93
66	Gene discovery for the carcinogenic human liver fluke, Opisthorchis viverrini. BMC Genomics, 2007, 8, 189.	2.8	90
67	Molecular Cloning, Biochemical Characterization, and Partial Protective Immunity of the Heme-Binding GlutathioneS-Transferases from the Human HookwormNecator americanus. Infection and Immunity, 2010, 78, 1552-1563.	2.2	89
68	Helminth vaccines: from mining genomic information for vaccine targets to systems used for protein expression. International Journal for Parasitology, 2003, 33, 621-640.	3.1	88
69	Expression of the Necator americanus hookworm larval antigen Na-ASP-2 in Pichia pastoris and purification of the recombinant protein for use in human clinical trials. Vaccine, 2005, 23, 4754-4764.	3.8	88
70	Proteomic characterisation of Echinococcus granulosus hydatid cyst fluid from sheep, cattle and humans. Journal of Proteomics, 2011, 74, 1560-1572.	2.4	88
71	Secreted Proteomes of Different Developmental Stages of the Gastrointestinal Nematode Nippostrongylus brasiliensis. Molecular and Cellular Proteomics, 2014, 13, 2736-2751.	3.8	88
72	Eosinophilic Enteritis in Northeastern Australia. American Journal of Surgical Pathology, 1995, 19, 328-337.	3.7	86

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73	Experimental hookworm infection and escalating gluten challenges are associated with increased microbial richness in celiac subjects. Scientific Reports, 2015, 5, 13797.	3.3	86
74	Immunobiology of hookworm infection. FEMS Immunology and Medical Microbiology, 2005, 43, 115-124.	2.7	85
75	New technologies for the control of human hookworm infection. Trends in Parasitology, 2006, 22, 327-331.	3.3	84
76	Proteolytic Degradation of Hemoglobin in the Intestine of the Human HookwormNecator americanus. Journal of Infectious Diseases, 2009, 199, 904-912.	4.0	84
77	An enzymatically inactivated hemoglobinase fromNecator americanusinduces neutralizing antibodies against multiple hookworm species and protects dogs against heterologous hookworm infection. FASEB Journal, 2009, 23, 3007-3019.	0.5	83
78	Revisiting Inflammatory Bowel Disease: Pathology, Treatments, Challenges and Emerging Therapeutics Including Drug Leads from Natural Products. Journal of Clinical Medicine, 2020, 9, 1273.	2.4	83
79	Does Strongyloides stercoralis infection protect against type 2 diabetes in humans? Evidence from Australian Aboriginal adults. Diabetes Research and Clinical Practice, 2015, 107, 355-361.	2.8	82
80	A Family of Secreted Mucins from the Parasitic Nematode Toxocara canis Bears Diverse Mucin Domains but Shares Similar Flanking Six-cysteine Repeat Motifs. Journal of Biological Chemistry, 2000, 275, 39600-39607.	3.4	81
81	The evaluation of recombinant hookworm antigens as vaccines in hamsters (Mesocricetus auratus) challenged with human hookworm, Necator americanus. Experimental Parasitology, 2008, 118, 32-40.	1.2	80
82	Harnessing helminth-driven immunoregulation in the search for novel therapeutic modalities. PLoS Pathogens, 2020, 16, e1008508.	4.7	79
83	Identification of Abundantly Expressed Novel and Conserved Genes from the Infective Larval Stage ofToxocara canisby an Expressed Sequence Tag Strategy. Infection and Immunity, 1999, 67, 4771-4779.	2.2	79
84	Hookworm Aspartic Protease,Naâ€APRâ€2, Cleaves Human Hemoglobin and Serum Proteins in a Hostâ€Specific Fashion. Journal of Infectious Diseases, 2003, 187, 484-494.	4.0	78
85	An Immunomics Approach to Schistosome Antigen Discovery: Antibody Signatures of Naturally Resistant and Chronically Infected Individuals from Endemic Areas. PLoS Pathogens, 2014, 10, e1004033.	4.7	78
86	Suppression of inflammation by helminths: a role for the gut microbiota?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140296.	4.0	78
87	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. PLoS Pathogens, 2015, 11, e1005209.	4.7	78
88	Human Enteric Infection with Canine Hookworms. Annals of Internal Medicine, 1994, 120, 369.	3.9	76
89	Identification of a new C-type lectin, TES-70, secreted by infective larvae of Toxocara canis, which binds to host ligands. Parasitology, 2000, 121, 545-554.	1.5	75
90	Functional expression and characterization of Echinococcus granulosus thioredoxin peroxidase suggests a role in protection against oxidative damage. Gene, 2004, 326, 157-165.	2.2	75

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91	Transcriptional Changes in the Hookworm, Ancylostoma caninum, during the Transition from a Free-Living to a Parasitic Larva. PLoS Neglected Tropical Diseases, 2008, 2, e130.	3.0	72
92	Transcriptome profiling of lung schistosomula,in vitro cultured schistosomula and adult Schistosoma japonicum. Cellular and Molecular Life Sciences, 2006, 63, 919-929.	5.4	71
93	Multivalent anthelminthic vaccine to prevent hookworm and schistosomiasis. Expert Review of Vaccines, 2008, 7, 745-752.	4.4	71
94	Toxocara canis: genes expressed by the arrested infective larval stage of a parasitic nematode. International Journal for Parasitology, 2000, 30, 495-508.	3.1	70
95	Transcriptional Changes in Schistosoma mansoni during Early Schistosomula Development and in the Presence of Erythrocytes. PLoS Neglected Tropical Diseases, 2010, 4, e600.	3.0	70
96	Enhanced Protective Efficacy of a Chimeric Form of the Schistosomiasis Vaccine Antigen Sm-TSP-2. PLoS Neglected Tropical Diseases, 2012, 6, e1564.	3.0	70
97	A hookworm allergen which strongly resembles calreticulin. Parasite Immunology, 1999, 21, 439-450.	1.5	69
98	Immunobiology of parasitic worm extracellular vesicles. Immunology and Cell Biology, 2018, 96, 704-713.	2.3	68
99	Occult enteric infection by Ancylostoma caninum: A previously unrecognized zoonosis. Gastroenterology, 1994, 106, 3-12.	1.3	66
100	A Secreted Protein from the Human HookwormNecator americanusBinds Selectively to NK Cells and Induces IFN-Î³ Production. Journal of Immunology, 2004, 173, 2699-2704.	0.8	66
101	Massively Parallel Sequencing and Analysis of the Necator americanus Transcriptome. PLoS Neglected Tropical Diseases, 2010, 4, e684.	3.0	66
102	Diterpenoid alkaloids of Aconitum laciniatum and mitigation of inflammation by 14-O-acetylneoline in a murine model of ulcerative colitis. Scientific Reports, 2015, 5, 12845.	3.3	64
103	Sertraline, Paroxetine, and Chlorpromazine Are Rapidly Acting Anthelmintic Drugs Capable of Clinical Repurposing. Scientific Reports, 2018, 8, 975.	3.3	64
104	Characterization of the antioxidant enzyme, thioredoxin peroxidase, from the carcinogenic human liver fluke, Opisthorchis viverrini. Molecular and Biochemical Parasitology, 2008, 160, 116-122.	1.1	62
105	Isolation of cDNAs Encoding Secreted and Transmembrane Proteins from Schistosoma mansoni by a Signal Sequence Trap Method. Infection and Immunity, 2003, 71, 2548-2554.	2.2	61
106	Programmed knockout mutation of liver fluke granulin attenuates virulence of infection-induced hepatobiliary morbidity. ELife, 2019, 8, .	6.0	61
107	A survey of the intestinal transcriptomes of the hookworms, Necator americanus and Ancylostoma caninum, using tissues isolated by laser microdissection microscopy. International Journal for Parasitology, 2006, 36, 701-710.	3.1	60
108	The immunology of human hookworm infections. Parasite Immunology, 2010, 32, 549-559.	1.5	60

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109	Infection with the carcinogenic human liver fluke, Opisthorchis viverrini. Molecular BioSystems, 2011, 7, 1367.	2.9	60
110	Cathepsin F Cysteine Protease of the Human Liver Fluke, Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2009, 3, e398.	3.0	59
111	Changes in duodenal tissue-associated microbiota following hookworm infection and consecutive gluten challenges in humans with coeliac disease. Scientific Reports, 2016, 6, 36797.	3.3	59
112	Hemoglobin-degrading, Aspartic Proteases of Blood-feeding Parasites. Journal of Biological Chemistry, 2001, 276, 38844-38851.	3.4	57
113	Vaccination with irradiated Ancylostoma caninum third stage larvae induces a Th2 protective response in dogs. Vaccine, 2006, 24, 501-509.	3.8	57
114	Schistosomiasis vaccine discovery using immunomics. Parasites and Vectors, 2010, 3, 4.	2.5	57
115	Venom Proteome of the Box Jellyfish Chironex fleckeri. PLoS ONE, 2012, 7, e47866.	2.5	57
116	Identifying the immunomodulatory components of helminths. Parasite Immunology, 2015, 37, 293-303.	1.5	56
117	Flatworm-specific transcriptional regulators promote the specification of tegumental progenitors in Schistosoma mansoni. ELife, 2018, 7, .	6.0	56
118	The Carcinogenic Liver Fluke Opisthorchis viverrini is a Reservoir for Species of Helicobacter. Asian Pacific Journal of Cancer Prevention, 2015, 16, 1751-1758.	1.2	55
119	Hookworm cathepsin D aspartic proteases: contributing roles in the host-specific degradation of serum proteins and skin macromolecules. Parasitology, 2003, 126, 179-185.	1.5	53
120	Neutralizing Antibodies to the Hookworm HemoglobinaseNaâ€APRâ€1: Implications for a Multivalent Vaccine against Hookworm Infection and Schistosomiasis. Journal of Infectious Diseases, 2010, 201, 1561-1569.	4.0	53
121	Hookworms Evade Host Immunity by Secreting a Deoxyribonuclease to Degrade Neutrophil Extracellular Traps. Cell Host and Microbe, 2020, 27, 277-289.e6.	11.0	53
122	Proteases in Helminth- and Allergen- Induced Inflammatory Responses. , 2005, 90, 45-64.		50
123	Identification of an astacin-like metallo-proteinase transcript from the infective larvae of Strongyloides stercoralis. Parasitology International, 2005, 54, 123-133.	1.3	50
124	A family of cathepsin B cysteine proteases expressed in the gut of the human hookworm, Necator americanus. Molecular and Biochemical Parasitology, 2008, 160, 90-99.	1.1	50
125	Advances in the Diagnosis of Human Opisthorchiasis: Development of Opisthorchis viverrini Antigen Detection in Urine. PLoS Neglected Tropical Diseases, 2015, 9, e0004157.	3.0	50
126	Compounds Derived from the Bhutanese Daisy, Ajania nubigena, Demonstrate Dual Anthelmintic Activity against Schistosoma mansoni and Trichuris muris. PLoS Neglected Tropical Diseases, 2016, 10, e0004908.	3.0	49

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127	Vaccinomics for the Major Blood Feeding Helminths of Humans. OMICS A Journal of Integrative Biology, 2011, 15, 567-577.	2.0	48
128	The NLRP3 Inflammasome Suppresses Protective Immunity to Gastrointestinal Helminth Infection. Cell Reports, 2018, 23, 1085-1098.	6.4	48
129	Helminth coinfection and COVID-19: An alternate hypothesis. PLoS Neglected Tropical Diseases, 2020, 14, e0008628.	3.0	48
130	Effect of Vaccination with a Recombinant Fusion Protein Encoding an Astacinlike Metalloprotease (MTP-1) Secreted by Host-Stimulated Ancylostoma caninum Third-Stage Infective Larvae. Journal of Parasitology, 2003, 89, 853-855.	0.7	47
131	Differences in transcription between free-living and CO2-activated third-stage larvae of Haemonchus contortus. BMC Genomics, 2010, 11, 266.	2.8	47
132	Probing of a Human Proteome Microarray With a Recombinant Pathogen Protein Reveals a Novel Mechanism by Which Hookworms Suppress B-Cell Receptor Signaling. Journal of Infectious Diseases, 2015, 211, 416-425.	4.0	47
133	Helminth infectionâ€“induced malignancy. PLoS Pathogens, 2017, 13, e1006393.	4.7	47
134	Characterisation of Tc-cpl-1, a cathepsin L-like cysteine protease from Toxocara canis infective larvae1Note: Nucleotide sequence data reported here are available in GenBank database under the accession number U53172.1. Molecular and Biochemical Parasitology, 1998, 92, 275-289.	1.1	46
135	Vaccines against blood-feeding nematodes of humans and livestock. Parasitology, 2006, 133, S63-S79.	1.5	46
136	Molecular Characterization of a Tetraspanin from the Human Liver Fluke, Opisthorchis viverrini. PLoS Neglected Tropical Diseases, 2012, 6, e1939.	3.0	46
137	Mobile genetic elements colonizing the genomes of metazoan parasites. Trends in Parasitology, 2003, 19, 79-87.	3.3	44
138	Saposin-like proteins are expressed in the gastrodermis of Schistosoma mansoni and are immunogenic in natural infections. International Journal of Infectious Diseases, 2008, 12, e39-e47.	3.3	44
139	The hookworm pharmacopoeia for inflammatory diseases. International Journal for Parasitology, 2013, 43, 225-231.	3.1	44
140	Worms and the Treatment of Inflammatory Bowel Disease: Are Molecules the Answer?. Clinical and Developmental Immunology, 2008, 2008, 1-7.	3.3	43
141	Of Monkeys and Men: Immunomic Profiling of Sera from Humans and Non-Human Primates Resistant to Schistosomiasis Reveals Novel Potential Vaccine Candidates. Frontiers in Immunology, 2015, 6, 213.	4.8	43
142	Vaccination of hamsters with Opisthorchis viverrini extracellular vesicles and vesicle-derived recombinant tetraspanins induces antibodies that block vesicle uptake by cholangiocytes and reduce parasite burden after challenge infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007450.	3.0	43
143	Excretory/secretory products of the carcinogenic liver fluke are endocytosed by human cholangiocytes and drive cell proliferation and IL6 production. International Journal for Parasitology, 2015, 45, 773-781.	3.1	42
144	Proteomic analysis of two populations of Schistosoma mansoni-derived extracellular vesicles: 15k pellet and 120k pellet vesicles. Molecular and Biochemical Parasitology, 2020, 236, 111264.	1.1	42

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145	Genetic Manipulation of Schistosoma haematobium, the Neglected Schistosome. PLoS Neglected Tropical Diseases, 2011, 5, e1348.	3.0	41
146	A multivalent chimeric vaccine composed of <scp>S</scp>chistosoma mansoni Sm<scp>TSP</scp>â€2 and Sm29 was able to induce protection against infection in mice. Parasite Immunology, 2014, 36, 303-312.	1.5	41
147	Elevated prevalence of Helicobacter species and virulence factors in opisthorchiasis and associated hepatobiliary disease. Scientific Reports, 2017, 7, 42744.	3.3	41
148	Gender-enriched transcripts in Haemonchus contortus â€“ predicted functions and genetic interactions based on comparative analyses with Caenorhabditis elegans. International Journal for Parasitology, 2008, 38, 65-83.	3.1	40
149	Suppression of inflammation and tissue damage by a hookworm recombinant protein in experimental colitis. Clinical and Translational Immunology, 2017, 6, e157.	3.8	40
150	Extracellular vesicles from parasitic helminths and their potential utility as vaccines. Expert Review of Vaccines, 2018, 17, 197-205.	4.4	40
151	Reverse transcriptase activity and untranslated region sharing of a new RTE-like, non-long terminal repeat retrotransposon from the human blood fluke, Schistosoma japonicum. International Journal for Parasitology, 2002, 32, 1163-1174.	3.1	39
152	Helminths and Intestinal Flora Team Up to Improve Gut Health. Trends in Parasitology, 2016, 32, 664-666.	3.3	39
153	An engineered cyclic peptide alleviates symptoms of inflammation in a murine model of inflammatory bowel disease. Journal of Biological Chemistry, 2017, 292, 10288-10294.	3.4	39
154	Identification of lead chemotherapeutic agents from medicinal plants against blood flukes and whipworms. Scientific Reports, 2016, 6, 32101.	3.3	38
155	Peptide-Based Subunit Vaccine against Hookworm Infection. PLoS ONE, 2012, 7, e46870.	2.5	38
156	Suppression of mRNAs encoding CD63 family tetraspanins from the carcinogenic liver fluke Opisthorchis viverrini results in distinct tegument phenotypes. Scientific Reports, 2017, 7, 14342.	3.3	36
157	Lipopeptide-Based Oral Vaccine Against Hookworm Infection. Journal of Infectious Diseases, 2020, 221, 934-942.	4.0	36
158	Correlative and Dynamic Imaging of the Hatching Biology of Schistosoma japonicum from Eggs Prepared by High Pressure Freezing. PLoS Neglected Tropical Diseases, 2008, 2, e334.	3.0	36
159	Detection of antibodies to secretions of Ancylostoma caninum in human eosinophilic enteritis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 650-653.	1.8	35
160	Asparaginyl endopeptidase from the carcinogenic liver fluke, Opisthorchis viverrini, and its potential for serodiagnosis. International Journal of Infectious Diseases, 2008, 12, e49-e59.	3.3	35
161	A Deep Exploration of the Transcriptome and â€œExcretory/Secretoryâ€•Proteome of Adult Fascioloides magna. Molecular and Cellular Proteomics, 2012, 11, 1340-1353.	3.8	35
162	Expression, refolding and purification of Ov-GRN-1, a granulin-like growth factor from the carcinogenic liver fluke, that causes proliferation of mammalian host cells. Protein Expression and Purification, 2011, 79, 263-270.	1.3	34

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