

# Alex Loukas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348  
papers

17,372  
citations

72  
h-index

117  
g-index

371  
ext. papers

19,871  
ext. citations

6.5  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
348	Na-AIP-1 secreted by human hookworms suppresses collagen-induced arthritis.. <i>Inflammopharmacology</i> , <b>2022</b> , 30, 527	5.1	
347	Characterisation of tetraspanins from <i>Schistosoma haematobium</i> and evaluation of their potential as novel diagnostic markers.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0010151	4.8	1
346	Silencing of Tetraspanin Gene Expression Results in Reduced Secretion of Extracellular Vesicles.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 827521	5.9	1
345	Not All Worms Were Created Equal.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 877707	8.4	
344	Transgenesis in parasitic helminths: a brief history and prospects for the future.. <i>Parasites and Vectors</i> , <b>2022</b> , 15, 110	4	0
343	Administration of Hookworm Excretory/Secretory Proteins Improves Glucose Tolerance in a Mouse Model of Type 2 Diabetes. <i>Biomolecules</i> , <b>2022</b> , 12, 637	5.9	1
342	Mollusk allergy: Not simply cross-reactivity with crustacean allergens.. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2022</b> ,	9.3	0
341	Identification of Small Molecules of the Infective Stage of Human Hookworm Using LCMS-Based Metabolomics and Lipidomics Protocols. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 3264-3276	5.5	0
340	The yin and yang of human soil-transmitted helminth infections. <i>International Journal for Parasitology</i> , <b>2021</b> , 51, 1243-1243	4.3	2
339	Proteomic approaches to drive advances in helminth extracellular vesicle research. <i>Molecular Immunology</i> , <b>2021</b> , 131, 1-5	4.3	4
338	Immunological Responses to Envenomation. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 661082	8.4	2
337	Hepatobiliary morbidities detected by ultrasonography in <i>Opisthorchis viverrini</i> -infected patients before and after praziquantel treatment: a five-year follow up study. <i>Acta Tropica</i> , <b>2021</b> , 217, 105853	3.2	2
336	Immunomics-Guided Antigen Discovery for Praziquantel-Induced Vaccination in Urogenital Human Schistosomiasis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 663041	8.4	1
335	A netrin domain-containing protein secreted by the human hookworm <i>Necator americanus</i> protects against CD4 T cell transfer colitis. <i>Translational Research</i> , <b>2021</b> , 232, 88-102	11	4
334	Orally Administered Bacillus Spores Expressing an Extracellular Vesicle-Derived Tetraspanin Protect Hamsters Against Challenge Infection With Carcinogenic Human Liver Fluke. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 1445-1455	7	5
333	Monoclonal Antibodies Targeting an Extracellular Vesicle Tetraspanin Protect Hamsters against Challenge Infection. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	4
332	Synthetic hookworm-derived peptides are potent modulators of primary human immune cell function that protect against experimental colitis <i>in vivo</i> . <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100834	5.4	1

331	Vaccination of human participants with attenuated <i>Necator americanus</i> hookworm larvae and human challenge in Australia: a dose-finding study and randomised, placebo-controlled, phase 1 trial. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, 1725-1736	25.5	8
330	Immunomics-guided discovery of serum and urine antibodies for diagnosing urogenital schistosomiasis: a biomarker identification study.. <i>Lancet Microbe, The</i> , <b>2021</b> , 2, e617-e626	22.2	2
329	Oral Peptide Vaccine against Hookworm Infection: Correlation of Antibody Titers with Protective Efficacy. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	4
328	Cholangiocarcinoma. <i>Nature Reviews Disease Primers</i> , <b>2021</b> , 7, 65	51.1	30
327	Experimental human hookworm infection: a narrative historical review. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009908	4.8	2
326	IPSE, an abundant egg-secreted protein of the carcinogenic helminth , promotes proliferation of bladder cancer cells and angiogenesis. <i>Infectious Agents and Cancer</i> , <b>2020</b> , 15, 63	3.5	9
325	Harnessing helminth-driven immunoregulation in the search for novel therapeutic modalities. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008508	7.6	40
324	Comprehensive analysis of the secreted proteome of adult <i>Necator americanus</i> hookworms. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008237	4.8	11
323	Uptake of <i>Schistosoma mansoni</i> extracellular vesicles by human endothelial and monocytic cell lines and impact on vascular endothelial cell gene expression. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 685-696	4.3	16
322	Hookworms Evade Host Immunity by Secreting a Deoxyribonuclease to Degrade Neutrophil Extracellular Traps. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 277-289.e6	23.4	29
321	Proteomic analysis of two populations of <i>Schistosoma mansoni</i> -derived extracellular vesicles: 15k pellet and 120k pellet vesicles. <i>Molecular and Biochemical Parasitology</i> , <b>2020</b> , 236, 111264	1.9	20
320	Partial protection with a chimeric tetraspanin-leucine aminopeptidase subunit vaccine against <i>Opisthorchis viverrini</i> infection in hamsters. <i>Acta Tropica</i> , <b>2020</b> , 204, 105355	3.2	3
319	Revisiting Inflammatory Bowel Disease: Pathology, Treatments, Challenges and Emerging Therapeutics Including Drug Leads from Natural Products. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	36
318	Vaccination with Cholinesterases Reduces the Parasite Burden and Egg Viability in a Mouse Model of Schistosomiasis. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	3
317	Randomized, Placebo Controlled Trial of Experimental Hookworm Infection for Improving Gluten Tolerance in Celiac Disease. <i>Clinical and Translational Gastroenterology</i> , <b>2020</b> , 11, e00274	4.2	7
316	Development of natural and unnatural amino acid delivery systems against hookworm infection. <i>Precision Nanomedicine</i> , <b>2020</b> , 3, 471-482	1.2	12
315	Identification and Characterization of a Peptide from the Stony Coral. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 3454-3463	4.9	1
314	Metabolomes and Lipidomes of the Infective Stages of the Gastrointestinal nematodes, and. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	9

313	Extracellular Vesicle Proteins Confer Protection in a Heterologous Model of Schistosomiasis. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	21
312	Excretory/Secretory Metabolome of the Zoonotic Roundworm Parasite. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3
311	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. <i>Nature Immunology</i> , <b>2020</b> , 21, 1205-1218	19.1	24
310	Helminth coinfection and COVID-19: An alternate hypothesis. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008628	4.8	27
309	Recent advances on the immunobiology of <i>Bithynia</i> spp. hosts of <i>Opisthorchis viverrini</i> . <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 102, 103460	3.2	1
308	Lipopeptide-Based Oral Vaccine Against Hookworm Infection. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 221, 934-942	7	28
307	Liver fluke granulin promotes extracellular vesicle-mediated crosstalk and cellular microenvironment conducive to cholangiocarcinoma. <i>Neoplasia</i> , <b>2020</b> , 22, 203-216	6.4	8
306	Gastrointestinal Helminth Infection Improves Insulin Sensitivity, Decreases Systemic Inflammation, and Alters the Composition of Gut Microbiota in Distinct Mouse Models of Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 606530	5.7	3
305	Proteomic Analysis of <i>Schistosoma mansoni</i> Tegumental Proteins. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2151, 85-92	1.4	2
304	Inflammasome-Independent Role for NLRP3 in Controlling Innate Antihelminth Immunity and Tissue Repair in the Lung. <i>Journal of Immunology</i> , <b>2019</b> , 203, 2724-2734	5.3	10
303	Hookworm-Derived Metabolites Suppress Pathology in a Mouse Model of Colitis and Inhibit Secretion of Key Inflammatory Cytokines in Primary Human Leukocytes. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	19
302	New Insights Into the Kinetics and Variability of Egg Excretion in Controlled Human Hookworm Infections. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 1044-1048	7	10
301	In-depth proteomic characterization of <i>Schistosoma haematobium</i> : Towards the development of new tools for elimination. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007362	4.8	18
300	Characterization of Tapeworm Metabolites and Their Reported Biological Activities. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
299	Vaccination of hamsters with <i>Opisthorchis viverrini</i> extracellular vesicles and vesicle-derived recombinant tetraspanins induces antibodies that block vesicle uptake by cholangiocytes and reduce parasite burden after challenge infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007450	4.8	25
298	Trematode Genomics and Proteomics. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1154, 411-436	3	3
297	Metabolomic profiling of the excretory-secretory products of hookworm and whipworm. <i>Metabolomics</i> , <b>2019</b> , 15, 101	4.7	16
296	Programmed knockout mutation of liver fluke granulin attenuates virulence of infection-induced hepatobiliary morbidity. <i>ELife</i> , <b>2019</b> , 8,	8.9	38

295	Novel cholinesterase paralogs of <i>Schistosoma mansoni</i> have perceived roles in cholinergic signalling and drug detoxification and are essential for parasite survival. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1008213	7.6	3
294	Recombinant <i>Opisthorchis viverrini</i> tetraspanin expressed in <i>Pichia pastoris</i> as a potential vaccine candidate for opisthorchiasis. <i>Parasitology Research</i> , <b>2019</b> , 118, 3419-3427	2.4	9
293	Safety and tolerability of experimental hookworm infection in humans with metabolic disease: study protocol for a phase 1b randomised controlled clinical trial. <i>BMC Endocrine Disorders</i> , <b>2019</b> , 19, 136	3.3	17
292	Helminth-based therapies for rheumatoid arthritis: A systematic review and meta-analysis. <i>International Immunopharmacology</i> , <b>2019</b> , 66, 366-372	5.8	8
291	The NLRP3 Inflammasome Suppresses Protective Immunity to Gastrointestinal Helminth Infection. <i>Cell Reports</i> , <b>2018</b> , 23, 1085-1098	10.6	27
290	Extracellular vesicles from parasitic helminths and their potential utility as vaccines. <i>Expert Review of Vaccines</i> , <b>2018</b> , 17, 197-205	5.2	25
289	Sertraline, Paroxetine, and Chlorpromazine Are Rapidly Acting Anthelmintic Drugs Capable of Clinical Repurposing. <i>Scientific Reports</i> , <b>2018</b> , 8, 975	4.9	39
288	Folding of granulin domains. <i>Peptide Science</i> , <b>2018</b> , 110, e24062	3	2
287	Characterization of secreted proteins and extracellular vesicles provides new insights into host-parasite communication. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1428004	16.4	69
286	A medicinal plant compound, capnoidine, prevents the onset of inflammation in a mouse model of colitis. <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 211, 17-28	5	28
285	Techniques and Technologies for the Biodiscovery of Novel Small Molecule Drug Lead Compounds From Natural Products <b>2018</b> , 435-465		8
284	Hookworm Secreted Extracellular Vesicles Interact With Host Cells and Prevent Inducible Colitis in Mice. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 850	8.4	103
283	Granulin Secreted by the Food-Borne Liver Fluke Promotes Angiogenesis in Human Endothelial Cells. <i>Frontiers in Medicine</i> , <b>2018</b> , 5, 30	4.9	12
282	Flatworm-specific transcriptional regulators promote the specification of tegumental progenitors in. <i>ELife</i> , <b>2018</b> , 7,	8.9	36
281	<i>Opisthorchis viverrini</i> Proteome and Host-Parasite Interactions. <i>Advances in Parasitology</i> , <b>2018</b> , 102, 45-72	7.2	18
280	Of dogs and hookworms: man's best friend and his parasites as a model for translational biomedical research. <i>Parasites and Vectors</i> , <b>2018</b> , 11, 59	4	18
279	A novel blood-feeding detoxification pathway in <i>Nippostrongylus brasiliensis</i> L3 reveals a potential checkpoint for arresting hookworm development. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006931	7.6	16
278	Polypyridylruthenium(II) complexes exert in vitro and in vivo nematocidal activity and show significant inhibition of parasite acetylcholinesterases. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2018</b> , 8, 1-7	4	7

277	Defined Small Molecules Produced by Himalayan Medicinal Plants Display Immunomodulatory Properties. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	10
276	Engineering of an Anti-Inflammatory Peptide Based on the Disulfide-Rich Linaclotide Scaffold. <i>Biomedicines</i> , <b>2018</b> , 6,	4.8	2
275	Structural Variants of a Liver Fluke Derived Granulin Peptide Potently Stimulate Wound Healing. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 8746-8753	8.3	9
274	Developmental Sensitivity in <i>Schistosoma mansoni</i> to Puromycin To Establish Drug Selection of Transgenic Schistosomes. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	7
273	Immunobiology of parasitic worm extracellular vesicles. <i>Immunology and Cell Biology</i> , <b>2018</b> , 96, 704	5	36
272	Helminth-induced regulatory T cells and suppression of allergic responses. <i>Current Opinion in Immunology</i> , <b>2018</b> , 54, 1-6	7.8	23
271	Proteomic characterization of the internalization of <i>Opisthorchis viverrini</i> excretory/secretory products in human cells. <i>Parasitology International</i> , <b>2017</b> , 66, 494-502	2.1	14
270	<i>Schistosoma</i> antigens downregulate CXCL9 production by PBMC of HTLV-1-infected individuals. <i>Acta Tropica</i> , <b>2017</b> , 167, 157-162	3.2	4
269	Elevated prevalence of <i>Helicobacter</i> species and virulence factors in opisthorchiasis and associated hepatobiliary disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 42744	4.9	27
268	Changes in protein expression after treatment with <i>Ancylostoma caninum</i> excretory/secretory products in a mouse model of colitis. <i>Scientific Reports</i> , <b>2017</b> , 7, 41883	4.9	7
267	Development of a Potent Wound Healing Agent Based on the Liver Fluke Granulin Structural Fold. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 4258-4266	8.3	20
266	An engineered cyclic peptide alleviates symptoms of inflammation in a murine model of inflammatory bowel disease. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 10288-10294	5.4	28
265	Recent advances in proteomic applications for schistosomiasis research: potential clinical impact. <i>Expert Review of Proteomics</i> , <b>2017</b> , 14, 171-183	4.2	8
264	Suppression of mRNAs encoding CD63 family tetraspanins from the carcinogenic liver fluke <i>Opisthorchis viverrini</i> results in distinct tegument phenotypes. <i>Scientific Reports</i> , <b>2017</b> , 7, 14342	4.9	21
263	Conotoxin EMIXXVIIA from the Superfamily G2 Employs a Novel Cysteine Framework that Mimics Granulin and Displays Anti-Apoptotic Activity. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15169-15172	3.6	2
262	Revisiting the <i>Ancylostoma Caninum</i> Secretome Provides New Information on Hookworm-Host Interactions. <i>Proteomics</i> , <b>2017</b> , 17, 1700186	4.8	19
261	Helminth infection-induced malignancy. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006393	7.6	33
260	Suppression of inflammation and tissue damage by a hookworm recombinant protein in experimental colitis. <i>Clinical and Translational Immunology</i> , <b>2017</b> , 6, e157	6.8	26

259	Extracellular vesicles as a target for the development of anti-helminth vaccines. <i>Emerging Topics in Life Sciences</i> , <b>2017</b> , 1, 659-665	3.5	10
258	Exploiting Helminth-Host Interactomes through Big Data. <i>Trends in Parasitology</i> , <b>2017</b> , 33, 875-888	6.4	24
257	The Aromatic Head Group of Spider Toxin Polyamines Influences Toxicity to Cancer Cells. <i>Toxins</i> , <b>2017</b> , 9,	4.9	12
256	Helminth Immunomodulation in Autoimmune Disease. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 453	8.4	121
255	Polypyridylruthenium(II) complexes exert anti-schistosome activity and inhibit parasite acetylcholinesterases. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0006134	4.8	14
254	Tetranuclear Polypyridylruthenium(II) Complexes as Inhibitors and Down-Regulators of Phosphatase Enzymes. <i>ChemistrySelect</i> , <b>2017</b> , 2, 10668-10672	1.8	
253	Conotoxin EMIXXVIIA from the Superfamily G2 Employs a Novel Cysteine Framework that Mimics Granulin and Displays Anti-Apoptotic Activity. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14973-14976	16.4	14
252	Extracellular vesicles secreted by <i>Schistosoma mansoni</i> contain protein vaccine candidates. <i>International Journal for Parasitology</i> , <b>2016</b> , 46, 1-5	4.3	108
251	Changes in duodenal tissue-associated microbiota following hookworm infection and consecutive gluten challenges in humans with coeliac disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 36797	4.9	44
250	Identification of lead chemotherapeutic agents from medicinal plants against blood flukes and whipworms. <i>Scientific Reports</i> , <b>2016</b> , 6, 32101	4.9	30
249	Hookworm recombinant protein promotes regulatory T cell responses that suppress experimental asthma. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 362ra143	17.5	98
248	Schistosomiasis vaccines: where do we stand?. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 528	4	89
247	Immunization and challenge shown by hamsters infected with <i>Opisthorchis viverrini</i> following exposure to gamma-irradiated metacercariae of this carcinogenic liver fluke. <i>Journal of Helminthology</i> , <b>2016</b> , 90, 39-47	1.6	6
246	Specific humoral response of hosts with variable schistosomiasis susceptibility. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 52-65	5	7
245	Antibody Signatures Reflect Different Disease Pathologies in Patients With Schistosomiasis Due to <i>Schistosoma japonicum</i> . <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 122-30	7	19
244	Developments in the Design of Anti-helminth Vaccines <b>2016</b> , 97-114		1
243	Differential Protein Expression in the Hemolymph of <i>Bithynia siamensis goniomphalos</i> Infected with <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0005104	4.8	7
242	The parasite's new clothes. <i>ELife</i> , <b>2016</b> , 5, e15957	8.9	1

241	Compounds Derived from the Bhutanese Daisy, <i>Ajania nubigena</i> , Demonstrate Dual Anthelmintic Activity against <i>Schistosoma mansoni</i> and <i>Trichuris muris</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004908	4.8	35
240	Hookworm infection. <i>Nature Reviews Disease Primers</i> , <b>2016</b> , 2, 16088	51.1	119
239	Helminths and Intestinal Flora Team Up to Improve Gut Health. <i>Trends in Parasitology</i> , <b>2016</b> , 32, 664-666.4		16
238	A next-generation proteome array for <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , <b>2016</b> , 46, 411-5	4.3	18
237	Suppression of inflammation by helminths: a role for the gut microbiota?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370,	5.8	32
236	Excretory/secretory products of the carcinogenic liver fluke are endocytosed by human cholangiocytes and drive cell proliferation and IL6 production. <i>International Journal for Parasitology</i> , <b>2015</b> , 45, 773-81	4.3	30
235	Proteomic profile of <i>Bithynia siamensis</i> goniomphalos snails upon infection with the carcinogenic liver fluke <i>Opisthorchis viverrini</i> . <i>Journal of Proteomics</i> , <b>2015</b> , 113, 281-91	3.9	13
234	A quantitative proteomic analysis of the tegumental proteins from <i>Schistosoma mansoni</i> schistosomula reveals novel potential therapeutic targets. <i>International Journal for Parasitology</i> , <b>2015</b> , 45, 505-16	4.3	79
233	Identifying the immunomodulatory components of helminths. <i>Parasite Immunology</i> , <b>2015</b> , 37, 293-303	2.2	44
232	New tools for NTD vaccines: A case study of quality control assays for product development of the human hookworm vaccine Na-APR-1M74. <i>Human Vaccines and Immunotherapeutics</i> , <b>2015</b> , 11, 1251-7	4.4	14
231	The Intestinal Microbiota Contributes to the Ability of Helminths to Modulate Allergic Inflammation. <i>Immunity</i> , <b>2015</b> , 43, 998-1010	32.3	260
230	Carcinogenic Liver Fluke Secretes Extracellular Vesicles That Promote Cholangiocytes to Adopt a Tumorigenic Phenotype. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1636-45	7	103
229	Viability of developmental stages of <i>Schistosoma mansoni</i> quantified with xCELLigence worm real-time motility assay (xWORM). <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2015</b> , 5, 141-8	4	28
228	Data set from the proteomic analysis of <i>Bithynia siamensis</i> goniomphalos snails upon infection with the carcinogenic liver fluke <i>Opisthorchis viverrini</i> . <i>Data in Brief</i> , <b>2015</b> , 2, 16-20	1.2	4
227	Suppression of <i>Ov-grn-1</i> encoding granulin of <i>Opisthorchis viverrini</i> inhibits proliferation of biliary epithelial cells. <i>Experimental Parasitology</i> , <b>2015</b> , 148, 17-23	2.1	22
226	Probing of a human proteome microarray with a recombinant pathogen protein reveals a novel mechanism by which hookworms suppress B-cell receptor signaling. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 416-25	7	31
225	Experimental hookworm infection and gluten microchallenge promote tolerance in celiac disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 508-16	11.5	127
224	Diterpenoid alkaloids of <i>Aconitum laciniatum</i> and mitigation of inflammation by 14-O-acetylneoline in a murine model of ulcerative colitis. <i>Scientific Reports</i> , <b>2015</b> , 5, 12845	4.9	44



223	Experimental hookworm infection and escalating gluten challenges are associated with increased microbial richness in celiac subjects. <i>Scientific Reports</i> , <b>2015</b> , 5, 13797	4.9	70
222	Of monkeys and men: immunomic profiling of sera from humans and non-human primates resistant to schistosomiasis reveals novel potential vaccine candidates. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 213	8.4	32
221	Advances in the Diagnosis of Human Opisthorchiasis: Development of Opisthorchis viverrini Antigen Detection in Urine. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0004157	4.8	34
220	Protein microarrays for parasite antigen discovery. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1201, 221-33	1.4	18
219	Does Strongyloides stercoralis infection protect against type 2 diabetes in humans? Evidence from Australian Aboriginal adults. <i>Diabetes Research and Clinical Practice</i> , <b>2015</b> , 107, 355-61	7.4	54
218	Carcinogenic Parasite Secretes Growth Factor That Accelerates Wound Healing and Potentially Promotes Neoplasia. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005209	7.6	62
217	The carcinogenic liver fluke Opisthorchis viverrini is a reservoir for species of Helicobacter. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 1751-8	1.7	43
216	Genome of the human hookworm Necator americanus. <i>Nature Genetics</i> , <b>2014</b> , 46, 261-269	36.3	139
215	Probing the equatorial groove of the hookworm protein and vaccine candidate antigen, Na-ASP-2. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 50, 146-55	5.6	16
214	Retrotransposon OV-RTE-1 from the carcinogenic liver fluke Opisthorchis viverrini: potential target for DNA-based diagnosis. <i>Infection, Genetics and Evolution</i> , <b>2014</b> , 21, 443-51	4.5	6
213	A multivalent chimeric vaccine composed of Schistosoma mansoni SmTSP-2 and Sm29 was able to induce protection against infection in mice. <i>Parasite Immunology</i> , <b>2014</b> , 36, 303-12	2.2	31
212	Impact of experimental hookworm infection on the human gut microbiota. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 1431-4	7	100
211	Suppression of aquaporin, a mediator of water channel control in the carcinogenic liver fluke, Opisthorchis viverrini. <i>Parasites and Vectors</i> , <b>2014</b> , 7, 224	4	11
210	Reversible paralysis of Schistosoma mansoni by forchlorfenuron, a phenylurea cytokinin that affects septins. <i>International Journal for Parasitology</i> , <b>2014</b> , 44, 523-31	4.3	13
209	Rapid short term and gradual permanent cardiotoxic effects of vertebrate toxins from Chironex fleckeri (Australian box jellyfish) venom. <i>Toxicon</i> , <b>2014</b> , 80, 17-26	2.8	22
208	Solution structure, membrane interactions, and protein binding partners of the tetraspanin Sm-TSP-2, a vaccine antigen from the human blood fluke Schistosoma mansoni. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 7151-7163	5.4	25
207	RNA-Seq reveals infection-induced gene expression changes in the snail intermediate host of the carcinogenic liver fluke, Opisthorchis viverrini. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2765	4.8	12
206	An immunomics approach to schistosome antigen discovery: antibody signatures of naturally resistant and chronically infected individuals from endemic areas. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004033	7.6	59

205	Secreted proteomes of different developmental stages of the gastrointestinal nematode <i>Nippostrongylus brasiliensis</i> . <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 2736-51	7.6	63
204	Lipid core peptide targeting the cathepsin D hemoglobinase of <i>Schistosoma mansoni</i> as a component of a schistosomiasis vaccine. <i>Human Vaccines and Immunotherapeutics</i> , <b>2014</b> , 10, 399-409	4.4	20
203	TIMPs of parasitic helminths - a large-scale analysis of high-throughput sequence datasets. <i>Parasites and Vectors</i> , <b>2013</b> , 6, 156	4	15
202	The Human Hookworm Vaccine. <i>Vaccine</i> , <b>2013</b> , 31 Suppl 2, B227-32	4.1	77
201	Changed gluten immunity in celiac disease by <i>Necator americanus</i> provides new insights into autoimmunity. <i>International Journal for Parasitology</i> , <b>2013</b> , 43, 275-82	4.3	26
200	Na-APR-1 (aka Necepsin-2) <b>2013</b> , 113-118		1
199	The hookworm pharmacopoeia for inflammatory diseases. <i>International Journal for Parasitology</i> , <b>2013</b> , 43, 225-31	4.3	40
198	Neglected tropical diseases of Oceania: review of their prevalence, distribution, and opportunities for control. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e1755	4.8	70
197	<i>Schistosoma</i> antigens downmodulate the in vitro inflammatory response in individuals infected with human T cell lymphotropic virus type 1. <i>NeuroImmunoModulation</i> , <b>2013</b> , 20, 233-8	2.5	12
196	Coming out of the shell: building the molecular infrastructure for research on parasite-harboring snails. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2284	4.8	13
195	The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , <b>2013</b> , 14, R89	18.3	166
194	A genome-wide analysis of annexins from parasitic organisms and their vectors. <i>Scientific Reports</i> , <b>2013</b> , 3, 2893	4.9	22
193	Hookworm excretory/secretory products induce interleukin-4 (IL-4)+ IL-10+ CD4+ T cell responses and suppress pathology in a mouse model of colitis. <i>Infection and Immunity</i> , <b>2013</b> , 81, 2104-11	3.7	78
192	Hookworm MEP-1 Metalloproteases <b>2013</b> , 647-649		
191	Hookworm SCP/TAPS protein structure--A key to understanding host-parasite interactions and developing new interventions. <i>Biotechnology Advances</i> , <b>2012</b> , 30, 652-7	17.8	28
190	A deep exploration of the transcriptome and "excretory/secretory" proteome of adult <i>Fasciola magna</i> . <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1340-53	7.6	26
189	Proteomics-based identification of Enolase as a potential prognostic marker in cholangiocarcinoma. <i>Clinical Biochemistry</i> , <b>2012</b> , 45, 827-34	3.5	22
188	The tumorigenic liver fluke <i>Opisthorchis viverrini</i> --multiple pathways to cancer. <i>Trends in Parasitology</i> , <b>2012</b> , 28, 395-407	6.4	302

187	Prognostic significance of peroxiredoxin 1 and ezrin-radixin-moesin-binding phosphoprotein 50 in cholangiocarcinoma. <i>Human Pathology</i> , <b>2012</b> , 43, 1719-30	3.7	25
186	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: implications for the development of vaccines against helminths. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 130, 169-76.e6	11.5	122
185	Molecular mechanisms of hookworm disease: stealth, virulence, and vaccines. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 130, 13-21	11.5	29
184	Evaluation of liver fluke recombinant cathepsin B-1 protease as a serodiagnostic antigen for human opisthorchiasis. <i>Parasitology International</i> , <b>2012</b> , 61, 191-5	2.1	24
183	Banking on the future: biobanking for "omics" approaches to biomarker discovery for Opisthorchis-induced cholangiocarcinoma in Thailand. <i>Parasitology International</i> , <b>2012</b> , 61, 173-7	2.1	6
182	Molecular expression and enzymatic characterization of thioredoxin from the carcinogenic human liver fluke <i>Opisthorchis viverrini</i> . <i>Parasitology International</i> , <b>2012</b> , 61, 101-6	2.1	20
181	Ultrasonography assessment of hepatobiliary abnormalities in 3359 subjects with <i>Opisthorchis viverrini</i> infection in endemic areas of Thailand. <i>Parasitology International</i> , <b>2012</b> , 61, 208-11	2.1	84
180	Cloning, expression, and characterization of a novel <i>Opisthorchis viverrini</i> calcium-binding EF-hand protein. <i>Parasitology International</i> , <b>2012</b> , 61, 94-100	2.1	22
179	Whole-genome sequence of <i>Schistosoma haematobium</i> . <i>Nature Genetics</i> , <b>2012</b> , 44, 221-5	36.3	325
178	Molecular characterization of a tetraspanin from the human liver fluke, <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1939	4.8	36
177	Characterising the mucosal and systemic immune responses to experimental human hookworm infection. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002520	7.6	92
176	Elevated plasma IL-6 associates with increased risk of advanced fibrosis and cholangiocarcinoma in individuals infected by <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1654	4.8	78
175	Changes in T-Cell and Monocyte Phenotypes In Vitro by <i>Schistosoma mansoni</i> Antigens in Cutaneous Leishmaniasis Patients. <i>Journal of Parasitology Research</i> , <b>2012</b> , 2012, 520308	1.9	7
174	SBAL: a practical tool to generate and edit structure-based amino acid sequence alignments. <i>Bioinformatics</i> , <b>2012</b> , 28, 1026-7	7.2	20
173	Who uses snus? A study of Texas adolescents. <i>Nicotine and Tobacco Research</i> , <b>2012</b> , 14, 626-30	4.9	10
172	Enhanced protective efficacy of a chimeric form of the schistosomiasis vaccine antigen Sm-TSP-2. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1564	4.8	55
171	Insights into SCP/TAPS proteins of liver flukes based on large-scale bioinformatic analyses of sequence datasets. <i>PLoS ONE</i> , <b>2012</b> , 7, e31164	3.7	22
170	Peptide-based subunit vaccine against hookworm infection. <i>PLoS ONE</i> , <b>2012</b> , 7, e46870	3.7	34

169	Venom proteome of the box jellyfish <i>Chironex fleckeri</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e47866	3.7	52
168	RNA interference targeting cathepsin B of the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> . <i>Parasitology International</i> , <b>2011</b> , 60, 283-8	2.1	29
167	Opisthorchiasis and Opisthorchis-associated cholangiocarcinoma in Thailand and Laos. <i>Acta Tropica</i> , <b>2011</b> , 120 Suppl 1, S158-68	3.2	223
166	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. <i>Protein Expression and Purification</i> , <b>2011</b> , 79, 263-70	2	29
165	<i>Schistosoma mansoni</i> antigens alter the cytokine response in vitro during cutaneous leishmaniasis. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2011</b> , 106, 856-63	2.6	9
164	Vaccines to combat the neglected tropical diseases. <i>Immunological Reviews</i> , <b>2011</b> , 239, 237-70	11.3	121
163	<i>Schistosoma</i> comparative genomics: integrating genome structure, parasite biology and anthelmintic discovery. <i>Trends in Parasitology</i> , <b>2011</b> , 27, 555-64	6.4	26
162	Atypical (RIO) protein kinases from <i>Haemonchus contortus</i> --promise as new targets for nematocidal drugs. <i>Biotechnology Advances</i> , <b>2011</b> , 29, 338-50	17.8	25
161	Infection with the carcinogenic human liver fluke, <i>Opisthorchis viverrini</i> . <i>Molecular BioSystems</i> , <b>2011</b> , 7, 1367-75		48
160	Proteomic characterisation of <i>Echinococcus granulosus</i> hydatid cyst fluid from sheep, cattle and humans. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 1560-72	3.9	72
159	Vaccinomics for the major blood feeding helminths of humans. <i>OMICS A Journal of Integrative Biology</i> , <b>2011</b> , 15, 567-77	3.8	39
158	Suppression of inflammatory immune responses in celiac disease by experimental hookworm infection. <i>PLoS ONE</i> , <b>2011</b> , 6, e24092	3.7	93
157	Genetic manipulation of <i>Schistosoma haematobium</i> , the neglected schistosome. <i>PLoS Neglected Tropical Diseases</i> , <b>2011</b> , 5, e1348	4.8	34
156	Effect of hookworm infection on wheat challenge in celiac disease--a randomised double-blinded placebo controlled trial. <i>PLoS ONE</i> , <b>2011</b> , 6, e17366	3.7	158
155	Insights into the membrane interactions of the saposin-like proteins Na-SLP-1 and Ac-SLP-1 from human and dog hookworm. <i>PLoS ONE</i> , <b>2011</b> , 6, e25369	3.7	13
154	The immunology of human hookworm infections. <i>Parasite Immunology</i> , <b>2010</b> , 32, 549-59	2.2	44
153	Developing vaccines to combat hookworm infection and intestinal schistosomiasis. <i>Nature Reviews Microbiology</i> , <b>2010</b> , 8, 814-26	22.2	203
152	<i>Schistosoma mansoni</i> proteins attenuate gastrointestinal motility disturbances during experimental colitis in mice. <i>World Journal of Gastroenterology</i> , <b>2010</b> , 16, 703-12	5.6	26

151	Neutralizing antibodies to the hookworm hemoglobinase Na-APR-1: implications for a multivalent vaccine against hookworm infection and schistosomiasis. <i>Journal of Infectious Diseases</i> , <b>2010</b> , 201, 1561-9	7	43
150	Immune-mediated mechanisms of parasite tissue sequestration during experimental cerebral malaria. <i>Journal of Immunology</i> , <b>2010</b> , 185, 3632-42	5.3	139
149	Transcriptional changes in <i>Schistosoma mansoni</i> during early schistosomula development and in the presence of erythrocytes. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e600	4.8	63
148	Suppression of mRNAs encoding tegument tetraspanins from <i>Schistosoma mansoni</i> results in impaired tegument turnover. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000840	7.6	98
147	A novel high throughput assay for anthelmintic drug screening and resistance diagnosis by real-time monitoring of parasite motility. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e885	4.8	113
146	Massively parallel sequencing and analysis of the <i>Necator americanus</i> transcriptome. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e684	4.8	66
145	A cytochrome b561 with ferric reductase activity from the parasitic blood fluke, <i>Schistosoma japonicum</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e884	4.8	7
144	Molecular cloning, biochemical characterization, and partial protective immunity of the heme-binding glutathione S-transferases from the human hookworm <i>Necator americanus</i> . <i>Infection and Immunity</i> , <b>2010</b> , 78, 1552-63	3.7	75
143	Unlocking the transcriptomes of two carcinogenic parasites, <i>Clonorchis sinensis</i> and <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e719	4.8	122
142	Schistosomiasis vaccine discovery using immunomics. <i>Parasites and Vectors</i> , <b>2010</b> , 3, 4	4	52
141	Blunting the knife: development of vaccines targeting digestive proteases of blood-feeding helminth parasites. <i>Biological Chemistry</i> , <b>2010</b> , 391, 901-11	4.5	23
140	Differences in transcription between free-living and CO <sub>2</sub> -activated third-stage larvae of <i>Haemonchus contortus</i> . <i>BMC Genomics</i> , <b>2010</b> , 11, 266	4.5	44
139	Progress on the transcriptomics of carcinogenic liver flukes of humans--unique biological and biotechnological prospects. <i>Biotechnology Advances</i> , <b>2010</b> , 28, 859-70	17.8	22
138	Exposed proteins of the <i>Schistosoma japonicum</i> tegument. <i>International Journal for Parasitology</i> , <b>2010</b> , 40, 543-54	4.3	118
137	The secreted and surface proteomes of the adult stage of the carcinogenic human liver fluke <i>Opisthorchis viverrini</i> . <i>Proteomics</i> , <b>2010</b> , 10, 1063-78	4.8	119
136	Cathepsin F cysteine protease of the human liver fluke, <i>Opisthorchis viverrini</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2009</b> , 3, e398	4.8	55
135	An enzymatically inactivated hemoglobinase from <i>Necator americanus</i> induces neutralizing antibodies against multiple hookworm species and protects dogs against heterologous hookworm infection. <i>FASEB Journal</i> , <b>2009</b> , 23, 3007-19	0.9	75
134	A granulin-like growth factor secreted by the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> , promotes proliferation of host cells. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000611	7.6	134

133	Proteomics analysis of the excretory/secretory component of the blood-feeding stage of the hookworm, <i>Ancylostoma caninum</i> . <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 109-21	7.6	146
132	Proteolytic degradation of hemoglobin in the intestine of the human hookworm <i>Necator americanus</i> . <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 904-12	7	76
131	Characterization and binding affinities of SmLANP: a new <i>Schistosoma mansoni</i> member of the ANP32 family of regulatory proteins. <i>Molecular and Biochemical Parasitology</i> , <b>2009</b> , 165, 95-102	1.9	1
130	Improved insights into the transcriptomes of the human hookworm <i>Necator americanus</i> --fundamental and biotechnological implications. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 122-32	17.8	17
129	A portrait of the "SCP/TAPS" proteins of eukaryotes--developing a framework for fundamental research and biotechnological outcomes. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 376-88	17.8	126
128	Advanced periductal fibrosis from infection with the carcinogenic human liver fluke <i>Opisthorchis viverrini</i> correlates with elevated levels of interleukin-6. <i>Hepatology</i> , <b>2009</b> , 50, 1273-81	11.2	125
127	Therapeutic potential of helminth soluble proteins in TNBS-induced colitis in mice. <i>Inflammatory Bowel Diseases</i> , <b>2009</b> , 15, 491-500	4.5	128
126	Investigation of the regulation of transcriptional changes in <i>Ancylostoma caninum</i> larvae following serum activation, with a focus on the insulin-like signalling pathway. <i>Veterinary Parasitology</i> , <b>2009</b> , 159, 139-48	2.8	13
125	Ov-APR-1, an aspartic protease from the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> : functional expression, immunolocalization and subsite specificity. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2009</b> , 41, 1148-56	5.6	29
124	Exploring transcriptional conservation between <i>Ancylostoma caninum</i> and <i>Haemonchus contortus</i> by oligonucleotide microarray and bioinformatic analyses. <i>Molecular and Cellular Probes</i> , <b>2009</b> , 23, 1-9	3.3	10
123	The evaluation of recombinant hookworm antigens as vaccines in hamsters ( <i>Mesocricetus auratus</i> ) challenged with human hookworm, <i>Necator americanus</i> . <i>Experimental Parasitology</i> , <b>2008</b> , 118, 32-40	2.1	73
122	DNA technological progress toward advanced diagnostic tools to support human hookworm control. <i>Biotechnology Advances</i> , <b>2008</b> , 26, 35-45	17.8	28
121	Gender-enriched transcripts in <i>Haemonchus contortus</i> --predicted functions and genetic interactions based on comparative analyses with <i>Caenorhabditis elegans</i> . <i>International Journal for Parasitology</i> , <b>2008</b> , 38, 65-83	4.3	36
120	A family of cathepsin B cysteine proteases expressed in the gut of the human hookworm, <i>Necator americanus</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2008</b> , 160, 90-9	1.9	47
119	Characterization of the antioxidant enzyme, thioredoxin peroxidase, from the carcinogenic human liver fluke, <i>Opisthorchis viverrini</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2008</b> , 160, 116-22	1.9	59
118	Current status of vaccines for schistosomiasis. <i>Clinical Microbiology Reviews</i> , <b>2008</b> , 21, 225-42	34	349
117	Can schistosomiasis really be consigned to history without a vaccine?. <i>Vaccine</i> , <b>2008</b> , 26, 3373-6	4.1	9
116	Molecular and phylogenetic characterization of cytochromes c from <i>Haemonchus contortus</i> and <i>Trichostrongylus vitrinus</i> (Nematoda: Trichostrongylida). <i>Gene</i> , <b>2008</b> , 424, 121-9	3.8	8

115	Saposin-like proteins are expressed in the gastrodermis of <i>Schistosoma mansoni</i> and are immunogenic in natural infections. <i>International Journal of Infectious Diseases</i> , <b>2008</b> , 12, e39-47	10.5	36
114	Asparaginyl endopeptidase from the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> , and its potential for serodiagnosis. <i>International Journal of Infectious Diseases</i> , <b>2008</b> , 12, e49-59	10.5	31
113	Worms and the treatment of inflammatory bowel disease: are molecules the answer?. <i>Clinical and Developmental Immunology</i> , <b>2008</b> , 2008, 567314		41
112	Multivalent anthelmintic vaccine to prevent hookworm and schistosomiasis. <i>Expert Review of Vaccines</i> , <b>2008</b> , 7, 745-52	5.2	63
111	Binding of excreted and/or secreted products of adult hookworms to human NK cells in <i>Necator americanus</i> -infected individuals from Brazil. <i>Infection and Immunity</i> , <b>2008</b> , 76, 5810-6	3.7	18
110	Transcriptional changes in the hookworm, <i>Ancylostoma caninum</i> , during the transition from a free-living to a parasitic larva. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e130	4.8	66
109	The schistosomiasis research agenda--what now?. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e207	4.8	5
108	Genomic-bioinformatic analysis of transcripts enriched in the third-stage larva of the parasitic nematode <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e246	4.8	26
107	Tracking the odysseys of juvenile schistosomes to understand host interactions. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e257	4.8	4
106	Characterization of cysteine proteases from the carcinogenic liver fluke, <i>Opisthorchis viverrini</i> . <i>Parasitology Research</i> , <b>2008</b> , 102, 757-64	2.4	21
105	Correlative and dynamic imaging of the hatching biology of <i>Schistosoma japonicum</i> from eggs prepared by high pressure freezing. <i>PLoS Neglected Tropical Diseases</i> , <b>2008</b> , 2, e334	4.8	31
104	The bandit, a new DNA transposon from a hookworm-possible horizontal genetic transfer between host and parasite. <i>PLoS Neglected Tropical Diseases</i> , <b>2007</b> , 1, e35	4.8	22
103	Liver fluke induces cholangiocarcinoma. <i>PLoS Medicine</i> , <b>2007</b> , 4, e201	11.6	511
102	Gene discovery for the carcinogenic human liver fluke, <i>Opisthorchis viverrini</i> . <i>BMC Genomics</i> , <b>2007</b> , 8, 189	4.5	81
101	Schistosome membrane proteins as vaccines. <i>International Journal for Parasitology</i> , <b>2007</b> , 37, 257-63	4.3	123
100	Molecular cloning and characterization of Ac-MTP-2, an astacin-like metalloprotease released by adult <i>Ancylostoma caninum</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2007</b> , 152, 132-8	1.9	23
99	Reduction of worm fecundity and canine host blood loss mediates protection against hookworm infection elicited by vaccination with recombinant Ac-16. <i>Vaccine Journal</i> , <b>2007</b> , 14, 281-7		24
98	Cloning and characterization of an orphan seven transmembrane receptor from <i>Schistosoma mansoni</i> . <i>Parasitology</i> , <b>2007</b> , 134, 2001-8	2.7	3

97	Sapoin-like proteins from the intestine of the blood-feeding hookworm, <i>Ancylostoma caninum</i> . <i>Parasitology</i> , <b>2007</b> , 134, 427-36	2.7	17
96	Genomic characterization of Tv-ant-1, a <i>Caenorhabditis elegans</i> tag-61 homologue from the parasitic nematode <i>Trichostrongylus vitrinus</i> . <i>Gene</i> , <b>2007</b> , 397, 12-25	3.8	8
95	Transcriptome profiling of lung schistosomula, in vitro cultured schistosomula and adult <i>Schistosoma japonicum</i> . <i>Cellular and Molecular Life Sciences</i> , <b>2006</b> , 63, 919-29	10.3	68
94	The dingo non-long terminal repeat retrotransposons from the genome of the hookworm, <i>Ancylostoma caninum</i> . <i>Experimental Parasitology</i> , <b>2006</b> , 113, 142-53	2.1	7
93	Identification of membrane-bound and secreted proteins from <i>Echinococcus granulosus</i> by signal sequence trap. <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 123-30	4.3	8
92	A survey of the intestinal transcriptomes of the hookworms, <i>Necator americanus</i> and <i>Ancylostoma caninum</i> , using tissues isolated by laser microdissection microscopy. <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 701-10	4.3	56
91	An Australian network to support the understanding and control of parasites. <i>Trends in Parasitology</i> , <b>2006</b> , 22, 97-9	6.4	
90	New technologies for the control of human hookworm infection. <i>Trends in Parasitology</i> , <b>2006</b> , 22, 327-316.4	16.4	76
89	<i>Ancylostoma caninum</i> MTP-1, an astacin-like metalloprotease secreted by infective hookworm larvae, is involved in tissue migration. <i>Infection and Immunity</i> , <b>2006</b> , 74, 961-7	3.7	91
88	Vaccines against blood-feeding nematodes of humans and livestock. <i>Parasitology</i> , <b>2006</b> , 133 Suppl, S63-79	79	41
87	Hookworm vaccines: past, present, and future. <i>Lancet Infectious Diseases, The</i> , <b>2006</b> , 6, 733-41	25.5	117
86	Soil-transmitted helminth infections: ascariasis, trichuriasis, and hookworm. <i>Lancet, The</i> , <b>2006</b> , 367, 1521-32	32	1592
85	Vaccination with irradiated <i>Ancylostoma caninum</i> third stage larvae induces a Th2 protective response in dogs. <i>Vaccine</i> , <b>2006</b> , 24, 501-9	4.1	48
84	Tetraspanins on the surface of <i>Schistosoma mansoni</i> are protective antigens against schistosomiasis. <i>Nature Medicine</i> , <b>2006</b> , 12, 835-40	50.5	317
83	Proteases in helminth- and allergen- induced inflammatory responses. <i>Chemical Immunology and Allergy</i> , <b>2006</b> , 90, 45-64		38
82	X-ray structure of Na-ASP-2, a pathogenesis-related-1 protein from the nematode parasite, <i>Necator americanus</i> , and a vaccine antigen for human hookworm infection. <i>Journal of Molecular Biology</i> , <b>2005</b> , 346, 801-14	6.5	124
81	The cellular distribution and stage-specific expression of two dynein light chains from the human blood fluke <i>Schistosoma japonicum</i> . <i>International Journal of Biochemistry and Cell Biology</i> , <b>2005</b> , 37, 1511-24	5.6	12
80	Expression of the <i>Necator americanus</i> hookworm larval antigen Na-ASP-2 in <i>Pichia pastoris</i> and purification of the recombinant protein for use in human clinical trials. <i>Vaccine</i> , <b>2005</b> , 23, 4754-64	4.1	80



79	Identification of an astacin-like metallo-proteinase transcript from the infective larvae of <i>Strongyloides stercoralis</i> . <i>Parasitology International</i> , <b>2005</b> , 54, 123-33	2.1	42
78	Immunobiology of hookworm infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2005</b> , 43, 115-24		68
77	In vitro and in silico analysis of signal peptides from the human blood fluke, <i>Schistosoma mansoni</i> . <i>FEMS Immunology and Medical Microbiology</i> , <b>2005</b> , 45, 201-11		13
76	Characterization of SR3 reveals abundance of non-LTR retrotransposons of the RTE clade in the genome of the human blood fluke, <i>Schistosoma mansoni</i> . <i>BMC Genomics</i> , <b>2005</b> , 6, 154	4.5	14
75	Crystallization and preliminary X-ray analysis of Na-ASP-1, a multi-domain pathogenesis-related-1 protein from the human hookworm parasite <i>Necator americanus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2005</b> , 61, 391-4		20
74	Pathways to Improved, Sustainable Morbidity Control and Prevention of Schistosomiasis in the People's Republic of China <b>2005</b> , 159-175		0
73	Vaccination with recombinant aspartic hemoglobinase reduces parasite load and blood loss after hookworm infection in dogs. <i>PLoS Medicine</i> , <b>2005</b> , 2, e295	11.6	104
72	Antibodies against a secreted protein from hookworm larvae reduce the intensity of hookworm infection in humans and vaccinated laboratory animals. <i>FASEB Journal</i> , <b>2005</b> , 19, 1743-5	0.9	150
71	Biochemical characterization and vaccine potential of a heme-binding glutathione transferase from the adult hookworm <i>Ancylostoma caninum</i> . <i>Infection and Immunity</i> , <b>2005</b> , 73, 6903-11	3.7	86
70	Helminth infections of children: prospects for control. <i>Advances in Experimental Medicine and Biology</i> , <b>2005</b> , 568, 135-44	3.6	4
69	Prevalence and characteristics of men with eating disorders in primary care: how do they compare to women and what features may aid in identification?. <i>Primary Care and Community Psychiatry</i> , <b>2005</b> , 10, 1-6		16
68	Cloning, yeast expression, isolation, and vaccine testing of recombinant <i>Ancylostoma</i> -secreted protein (ASP)-1 and ASP-2 from <i>Ancylostoma ceylanicum</i> . <i>Journal of Infectious Diseases</i> , <b>2004</b> , 189, 919-29		105
67	Minors' tobacco possession law violations and intentions to smoke: implications for tobacco control. <i>Tobacco Control</i> , <b>2004</b> , 13, 237-43	5.3	15
66	A multi-enzyme cascade of hemoglobin proteolysis in the intestine of blood-feeding hookworms. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 35950-7	5.4	135
65	A secreted protein from the human hookworm <i>Necator americanus</i> binds selectively to NK cells and induces IFN-gamma production. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2699-704	5.3	63
64	Vaccination of dogs with a recombinant cysteine protease from the intestine of canine hookworms diminishes the fecundity and growth of worms. <i>Journal of Infectious Diseases</i> , <b>2004</b> , 189, 1952-61	7	91
63	A pore-forming haemolysin from the hookworm, <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 1029-35	4.3	30
62	Ac-SAA-1, an immunodominant 16 kDa surface-associated antigen of infective larvae and adults of <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 1037-45	4.3	31

61	The fugitive LTR retrotransposon from the genome of the human blood fluke, <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 1365-75	4.3	17
60	The innate allergenicity of helminth parasites. <i>Clinical Reviews in Allergy and Immunology</i> , <b>2004</b> , 26, 61-72	2.3	24
59	Functional expression and characterization of <i>Echinococcus granulosus</i> thioredoxin peroxidase suggests a role in protection against oxidative damage. <i>Gene</i> , <b>2004</b> , 326, 157-65	3.8	69
58	Genomic organization of the <i>Schistosoma mansoni</i> aspartic protease gene, a platyhelminth orthologue of mammalian lysosomal cathepsin D. <i>Gene</i> , <b>2004</b> , 338, 99-109	3.8	20
57	Hookworm infection. <i>New England Journal of Medicine</i> , <b>2004</b> , 351, 799-807	59.2	470
56	Hookworm cathepsin D aspartic proteases: contributing roles in the host-specific degradation of serum proteins and skin macromolecules. <i>Parasitology</i> , <b>2003</b> , 126, 179-85	2.7	51
55	Mobile genetic elements colonizing the genomes of metazoan parasites. <i>Trends in Parasitology</i> , <b>2003</b> , 19, 79-87	6.4	38
54	Digestive proteases of blood-feeding nematodes. <i>Trends in Parasitology</i> , <b>2003</b> , 19, 417-23	6.4	161
53	Helminth vaccines: from mining genomic information for vaccine targets to systems used for protein expression. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 621-40	4.3	76
52	Molecular characterisation of the <i>Ancylostoma</i> -secreted protein family from the adult stage of <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 897-907	4.3	86
51	Progress in the development of a recombinant vaccine for human hookworm disease: the Human Hookworm Vaccine Initiative. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 1245-58	4.3	121
50	A gene family from <i>Echinococcus granulosus</i> differentially expressed in mature adult worms. <i>Molecular and Biochemical Parasitology</i> , <b>2003</b> , 126, 25-33	1.9	13
49	Effect of vaccination with a recombinant fusion protein encoding an astacinlike metalloprotease (MTP-1) secreted by host-stimulated <i>Ancylostoma caninum</i> third-stage infective larvae. <i>Journal of Parasitology</i> , <b>2003</b> , 89, 853-5	0.9	45
48	Isolation of cDNAs encoding secreted and transmembrane proteins from <i>Schistosoma mansoni</i> by a signal sequence trap method. <i>Infection and Immunity</i> , <b>2003</b> , 71, 2548-54	3.7	55
47	Hookworm aspartic protease, Na-APR-2, cleaves human hemoglobin and serum proteins in a host-specific fashion. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187, 484-94	7	72
46	SHORT REPORT: ECHINOCOCCUS GRANULOSUS FROM XINJIANG, PR CHINA: cDNAs ENCODING THE EG95 VACCINE ANTIGEN ARE EXPRESSED IN DIFFERENT LIFE CYCLE STAGES AND ARE CONSERVED IN THE ONCOSPHERE. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2003</b> , 68, 40-43	3.2	17
45	Reverse transcriptase activity and untranslated region sharing of a new RTE-like, non-long terminal repeat retrotransposon from the human blood fluke, <i>Schistosoma japonicum</i> . <i>International Journal for Parasitology</i> , <b>2002</b> , 32, 1163-74	4.3	35
44	Effect of Vaccinations with Recombinant Fusion Proteins on <i>Ancylostoma caninum</i> Habitat Selection in the Canine Intestine. <i>Journal of Parasitology</i> , <b>2002</b> , 88, 684	0.9	3

43	Cleavage of hemoglobin by hookworm cathepsin D aspartic proteases and its potential contribution to host specificity. <i>FASEB Journal</i> , <b>2002</b> , 16, 1458-60	0.9	103
42	Effect of vaccinations with recombinant fusion proteins on <i>Ancylostoma caninum</i> habitat selection in the canine intestine. <i>Journal of Parasitology</i> , <b>2002</b> , 88, 684-90	0.9	30
41	Na-ctl-2, a cDNA encoding a C-type lectin expressed exclusively in adult <i>Necator americanus</i> hookworms. <i>DNA Sequence</i> , <b>2002</b> , 13, 61-5		12
40	pido, a non-long terminal repeat retrotransposon of the chicken repeat 1 family from the genome of the Oriental blood fluke, <i>Schistosoma japonicum</i> . <i>Gene</i> , <b>2002</b> , 284, 149-59	3.8	25
39	Proteolytic Enzymes as Therapeutic Targets - Keystone Symposium. Targeting ICE and ACE. 3-8 February 2002, Keystone, CA, USA. <i>IDrugs: the Investigational Drugs Journal</i> , <b>2002</b> , 5, 220-1		
38	Immune responses in hookworm infections. <i>Clinical Microbiology Reviews</i> , <b>2001</b> , 14, 689-703, table of contents	34	163
37	Hemoglobin-degrading, aspartic proteases of blood-feeding parasites: substrate specificity revealed by homology models. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 38844-51	5.4	52
36	A cDNA encoding Tc-MUC-5, a mucin from <i>Toxocara canis</i> larvae identified by expression screening. <i>Acta Tropica</i> , <b>2001</b> , 79, 211-7	3.2	20
35	Gulliver, a long terminal repeat retrotransposon from the genome of the oriental blood fluke <i>Schistosoma japonicum</i> . <i>Gene</i> , <b>2001</b> , 264, 59-68	3.8	21
34	Receptor for Fc on the surfaces of schistosomes. <i>Infection and Immunity</i> , <b>2001</b> , 69, 3646-51	3.7	92
33	<i>Schistosoma japonicum</i> cathepsin D aspartic protease cleaves human IgG and other serum components. <i>Parasitology</i> , <b>2001</b> , 122, 415-21	2.7	21
32	The surface and secreted antigens of <i>Toxocara canis</i> : genes, protein structure and function. <b>2001</b> , 229-246		4
31	A survey of genes expressed in adults of the human hookworm, <i>Necator americanus</i> . <i>Parasitology</i> , <b>2000</b> , 120 ( Pt 2), 171-84	2.7	99
30	Identification of a new C-type lectin, TES-70, secreted by infective larvae of <i>Toxocara canis</i> , which binds to host ligands. <i>Parasitology</i> , <b>2000</b> , 121 Pt 5, 545-54	2.7	68
29	Helminth C-type lectins and host-parasite interactions. <i>Parasitology Today</i> , <b>2000</b> , 16, 333-9		96
28	A family of galectins from <i>Haemonchus contortus</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2000</b> , 107, 117-21	1.9	24
27	Sjalpha elements, short interspersed element-like retroposons bearing a hammerhead ribozyme motif from the genome of the oriental blood fluke <i>Schistosoma japonicum</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>2000</b> , 1492, 477-82		20
26	<i>Toxocara canis</i> : genes expressed by the arrested infective larval stage of a parasitic nematode. <i>International Journal for Parasitology</i> , <b>2000</b> , 30, 495-508	4.3	61

25	The new subfamily of cathepsin-Z-like protease genes includes Tc-cpz-1, a cysteine protease gene expressed in <i>Toxocara canis</i> adults and infective stage larvae. <i>Experimental Parasitology</i> , <b>2000</b> , 94, 201-7 <sup>2.1</sup>	18
24	A family of secreted mucins from the parasitic nematode <i>Toxocara canis</i> bears diverse mucin domains but shares similar flanking six-cysteine repeat motifs. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 39600-7	5.4 66
23	Purification of a diagnostic, secreted cysteine protease-like protein from the hookworm <i>Ancylostoma caninum</i> . <i>Parasitology International</i> , <b>2000</b> , 49, 327-33	2.1 8
22	A hookworm allergen which strongly resembles calreticulin. <i>Parasite Immunology</i> , <b>1999</b> , 21, 439-50	2.2 58
21	Cloning and expression of an aquaporin-like gene from a parasitic nematode. <i>Molecular and Biochemical Parasitology</i> , <b>1999</b> , 99, 287-93	1.9 12
20	The organization of a galectin gene from <i>Teladorsagia circumcincta</i> . <i>Molecular and Biochemical Parasitology</i> , <b>1999</b> , 101, 199-206	1.9 12
19	A novel C-type lectin secreted by a tissue-dwelling parasitic nematode. <i>Current Biology</i> , <b>1999</b> , 9, 825-8	6.3 98
18	Identification of abundantly expressed novel and conserved genes from the infective larval stage of <i>Toxocara canis</i> by an expressed sequence tag strategy. <i>Infection and Immunity</i> , <b>1999</b> , 67, 4771-9	3.7 71
17	Hookworm-induced Hypersensitivity: A Response. <i>Parasitology Today</i> , <b>1998</b> , 14, 54	2
16	Characterisation of Tc-cpl-1, a cathepsin L-like cysteine protease from <i>Toxocara canis</i> infective larvae. <i>Molecular and Biochemical Parasitology</i> , <b>1998</b> , 92, 275-89	1.9 41
15	A distinctive aphthous ileitis linked to <i>Ancylostoma caninum</i> . <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>1996</b> , 11, 524-31	4 19
14	Immunoglobulin G subclass antibodies against excretory/secretory antigens of <i>Ancylostoma caninum</i> in human enteric infections. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1996</b> , 54, 672-6 <sup>3.2</sup>	27
13	Eosinophilic enteritis in northeastern Australia. Pathology, association with <i>Ancylostoma caninum</i> , and implications. <i>American Journal of Surgical Pathology</i> , <b>1995</b> , 19, 328-37	6.7 76
12	Abdominal pain, pan-gut eosinophilia, and dog hookworm infection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>1995</b> , 21, 481	2.8 14
11	Human enteric infection with canine hookworms. <i>Annals of Internal Medicine</i> , <b>1994</b> , 120, 369-74	8 63
10	Dog Hookworm. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>1994</b> , 19, 448-452	2.8 18
9	Occult enteric infection by <i>Ancylostoma caninum</i> : a previously unrecognized zoonosis. <i>Gastroenterology</i> , <b>1994</b> , 106, 3-12	13.3 56
8	Immunologic incrimination of <i>Ancylostoma caninum</i> as a human enteric pathogen. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1994</b> , 50, 69-77	3.2 24

7	Detection of antibodies to secretions of <i>Ancylostoma caninum</i> in human eosinophilic enteritis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1992</b> , 86, 650-3	2	28
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