

John M Hawdon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5345809/publications.pdf>

Version: 2024-02-01

101
papers

4,478
citations

87888

38
h-index

110387

64
g-index

103
all docs

103
docs citations

103
times ranked

3442
citing authors

#	ARTICLE	IF	CITATIONS
1	Culturing and Genetically Manipulating Entomopathogenic Nematodes. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	0
2	Teaching Parasitology Lab Remotely Using Livestreaming. <i>American Biology Teacher</i> , 2022, 84, 312-314.	0.2	1
3	A putative lysozyme and serine carboxypeptidase from <i>Heterorhabditis bacteriophora</i> show differential virulence capacities in <i>Drosophila melanogaster</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103820.	2.3	10
4	Secreted virulence factors from <i>Heterorhabditis bacteriophora</i> highlight its utility as a model parasite among Clade V nematodes. <i>International Journal for Parasitology</i> , 2021, 51, 321-325.	3.1	6
5	NemChR-DB: a database of parasitic nematode chemosensory G-protein coupled receptors. <i>International Journal for Parasitology</i> , 2021, 51, 333-337.	3.1	7
6	Chemogenomic approach to identifying nematode chemoreceptor drug targets in the entomopathogenic nematode <i>Heterorhabditis bacteriophora</i> . <i>Computational Biology and Chemistry</i> , 2021, 92, 107464.	2.3	0
7	<i>Ancylostoma caninum</i> and Other Canine Hookworms. <i>Parasitology Research Monographs</i> , 2021, , 147-193.	0.3	7
8	Controlled Infection of Humans with the Hookworm Parasite <i>Necator americanus</i> to Accelerate Vaccine Development. <i>Current Topics in Microbiology and Immunology</i> , 2021, , 1.	1.1	4
9	A putative UDP-glycosyltransferase from <i>Heterorhabditis bacteriophora</i> suppresses antimicrobial peptide gene expression and factors related to ecdysone signaling. <i>Scientific Reports</i> , 2020, 10, 12312.	3.3	14
10	Transcriptomic analysis of hookworm <i>Ancylostoma ceylanicum</i> life cycle stages reveals changes in G-protein coupled receptor diversity associated with the onset of parasitism. <i>International Journal for Parasitology</i> , 2020, 50, 603-610.	3.1	9
11	Presidential Address: Hookworm and the ASPâ€™A Presidential Perspective. <i>Journal of Parasitology</i> , 2020, 105, 933.	0.7	2
12	<i>Heterorhabditis bacteriophora</i> Excreted-Secreted Products Enable Infection by <i>Photorhabdus luminescens</i> Through Suppression of the Imd Pathway. <i>Frontiers in Immunology</i> , 2019, 10, 2372.	4.8	20
13	Isolation and characterization of a naturally occurring multidrug-resistant strain of the canine hookworm, <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , 2019, 49, 397-406.	3.1	61
14	Comparative genomics of the major parasitic worms. <i>Nature Genetics</i> , 2019, 51, 163-174.	21.4	377
15	Translational Fusion of a Gâ€protein Coupledâ€Receptor from the Hookworm <i>Ancylostoma ceylanicum</i> Expressed in <i>Caenorhabditis elegans</i> . <i>FASEB Journal</i> , 2019, 33, 649.8.	0.5	0
16	Presidential Address: Hookworm and the ASP-A Presidential Perspective. <i>Journal of Parasitology</i> , 2019, 105, 933-941.	0.7	0
17	Sertraline, Paroxetine, and Chlorpromazine Are Rapidly Acting Anthelmintic Drugs Capable of Clinical Repurposing. <i>Scientific Reports</i> , 2018, 8, 975.	3.3	64
18	Improving eukaryotic genome annotation using single molecule mRNA sequencing. <i>BMC Genomics</i> , 2018, 19, 172.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Refined ab initio gene predictions of Heterorhabdits bacteriophora using RNA-seq. International Journal for Parasitology, 2018, 48, 585-590.	3.1	6
20	Controlled Human Hookworm Infection: Accelerating Human Hookworm Vaccine Development. Open Forum Infectious Diseases, 2018, 5, ofy083.	0.9	37
21	Transcriptional Fusions of Putative G-protein Coupled Receptors from Hookworm (Ancylostoma Tj ETQq1 1 0.784314 rgBT / Over 0.5	0.5	0
22	Introduction of James "Sparky" Lok, Recipient of the 2018 Bueding and Von Brand Lectureship Award. Journal of Parasitology, 2018, 104, 584-585.	0.7	0
23	Identification of candidate infection genes from the model entomopathogenic nematode Heterorhabdits bacteriophora. BMC Genomics, 2017, 18, 8.	2.8	19
24	Ancylostoma ceylanicum infective third-stage larvae are activated by co-culture with HT-29-MTX intestinal epithelial cells. Parasites and Vectors, 2017, 10, 606.	2.5	7
25	Microfluidic platform for electrophysiological recordings from host-stage hookworm and Ascaris suum larvae: A new tool for anthelmintic research. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 314-328.	3.4	25
26	Transformational Principles for NEON Sampling of Mammalian Parasites and Pathogens: A Response to Springer and Colleagues. BioScience, 2016, 66, 917-919.	4.9	28
27	Acceptance of the 2016 Henry Baldwin Ward Medal "A Long and Winding Road to a Diet of Worms. Journal of Parasitology, 2016, 102, 579-586.	0.7	1
28	RNAi-mediated gene knockdown by microinjection in the model entomopathogenic nematode Heterorhabdits bacteriophora. Parasites and Vectors, 2016, 9, 160.	2.5	27
29	Two potential hookworm DAF-16 target genes, SNR-3 and LPP-1: gene structure, expression profile, and implications of a cis-regulatory element in the regulation of gene expression. Parasites and Vectors, 2015, 8, 14.	2.5	9
30	Expression profile of heat shock response factors during hookworm larval activation and parasitic development. Molecular and Biochemical Parasitology, 2015, 202, 1-14.	1.1	18
31	Genome of the human hookworm Necator americanus. Nature Genetics, 2014, 46, 261-269.	21.4	166
32	Controlling Soil-Transmitted Helminths: Time to Think Inside the Box?. Journal of Parasitology, 2014, 100, 166-188.	0.7	33
33	Structural Conservation of Ligand Binding Reveals a Bile Acid-like Signaling Pathway in Nematodes. Journal of Biological Chemistry, 2012, 287, 4894-4903.	3.4	32
34	Characterisation of hookworm heat shock factor binding protein (HSB-1) during heat shock and larval activation. International Journal for Parasitology, 2011, 41, 533-543.	3.1	8
35	RNA and protein synthesis is required for Ancylostoma caninum larval activation. Veterinary Parasitology, 2011, 179, 137-143.	1.8	5
36	Transgenic C. elegans Dauer Larvae Expressing Hookworm Phospho Null DAF-16/FoxO Exit Dauer. PLoS ONE, 2011, 6, e25996.	2.5	16

#	ARTICLE	IF	CITATIONS
37	Soil-transmitted helminthiases: implications of climate change and human behavior. <i>Trends in Parasitology</i> , 2010, 26, 574-581.	3.3	86
38	Characterizing <i>Ancylostoma caninum</i> transcriptome and exploring nematode parasitic adaptation. <i>BMC Genomics</i> , 2010, 11, 307.	2.8	48
39	Identification of Hookworm DAF-16/FOXO Response Elements and Direct Gene Targets. <i>PLoS ONE</i> , 2010, 5, e12289.	2.5	16
40	Identification of the nuclear receptor DAF-12 as a therapeutic target in parasitic nematodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9138-9143.	7.1	117
41	Gerhard A. Schad. <i>Journal of Parasitology</i> , 2009, 95, 1247-1248.	0.7	1
42	Molecular cloning and DNA binding characterization of DAF-16 orthologs from <i>Ancylostoma</i> hookworms. <i>International Journal for Parasitology</i> , 2009, 39, 407-415.	3.1	24
43	Interaction of hookworm 14-3-3 with the forkhead transcription factor DAF-16 requires intact Akt phosphorylation sites. <i>Parasites and Vectors</i> , 2009, 2, 21.	2.5	14
44	The canine hookworm genome: Analysis and classification of <i>Ancylostoma caninum</i> survey sequences. <i>Molecular and Biochemical Parasitology</i> , 2008, 157, 187-192.	1.1	36
45	Plant Vermicides of Haitian Vodou Show In Vitro Activity Against Larval Hookworm. <i>Journal of Parasitology</i> , 2008, 94, 1155-1160.	0.7	6
46	INTRODUCTION OF GERHARD A. SCHAD AS THE RECIPIENT OF THE CLARK P. READ MENTOR AWARD. <i>Journal of Parasitology</i> , 2005, 91, 1253-1254.	0.7	2
47	Cloning and characterisation of an aspartyl protease inhibitor (API-1) from <i>Ancylostoma</i> hookworms. <i>International Journal for Parasitology</i> , 2005, 35, 303-313.	3.1	26
48	Identification of a DAF-7 ortholog from the hookworm <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , 2005, 35, 1489-1498.	3.1	34
49	Investigating hookworm genomes by comparative analysis of two <i>Ancylostoma</i> species. <i>BMC Genomics</i> , 2005, 6, 58.	2.8	47
50	Biochemical Characterization and Vaccine Potential of a Heme-Binding Glutathione Transferase from the Adult Hookworm <i>Ancylostoma caninum</i> . <i>Infection and Immunity</i> , 2005, 73, 6903-6911.	2.2	97
51	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> , 2004, 189, 919-929.	4.0	119
52	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> , 2004, 189, 1952-1961.	4.0	98
53	Phosphoinositide-3-OH-kinase inhibitor LY294002 prevents activation of <i>Ancylostoma caninum</i> and <i>Ancylostoma ceylanicum</i> third-stage infective larvae. <i>International Journal for Parasitology</i> , 2004, 34, 909-914.	3.1	43
54	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> , 2004, 34, 1037-1045.	3.1	32

#	ARTICLE	IF	CITATIONS
55	Comparison of mitochondrial cytochrome oxidase 1 DNA sequences from <i>Necator americanus</i> hookworms maintained for 100 generations in golden hamsters (<i>Mesocricetus auratus</i>) and hookworms from natural human infections. <i>Acta Tropica</i> , 2004, 92, 71-75.	2.0	7
56	The second messenger cyclic GMP mediates activation in <i>Ancylostoma caninum</i> infective larvae. <i>International Journal for Parasitology</i> , 2003, 33, 787-793.	3.1	47
57	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> , 2003, 33, 897-907.	3.1	93
58	Progress in the development of a recombinant vaccine for human hookworm disease: The Human Hookworm Vaccine Initiative. <i>International Journal for Parasitology</i> , 2003, 33, 1245-1258.	3.1	137
59	Ac-FAR-1, a 20 kDa fatty acid- and retinol-binding protein secreted by adult <i>Ancylostoma caninum</i> hookworms: gene transcription pattern, ligand binding properties and structural characterisation. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 63-71.	1.1	67
60	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> , 2003, 89, 853-855.	0.7	47
61	Molecular Cloning of a Novel Multidomain Kunitz-Type Proteinase Inhibitor From the Hookworm <i>Ancylostoma caninum</i> . <i>Journal of Parasitology</i> , 2003, 89, 402-407.	0.7	42
62	Natural History of Primary Canine Hookworm Infections After Three Different Oral Doses of Third-Stage Infective Larvae of <i>Ancylostoma caninum</i> . <i>Comparative Parasitology</i> , 2002, 69, 72-80.	0.4	15
63	Effect of Vaccinations with Recombinant Fusion Proteins on <i>Ancylostoma caninum</i> Habitat Selection in the Canine Intestine. <i>Journal of Parasitology</i> , 2002, 88, 684.	0.7	3
64	Emerging Patterns of Hookworm Infection: Influence of Aging on the Intensity of <i>Necator</i> Infection in Hainan Province, People's Republic of China. <i>Clinical Infectious Diseases</i> , 2002, 35, 1336-1344.	5.8	142
65	EFFECT OF VACCINATIONS WITH RECOMBINANT FUSION PROTEINS ON <i>ANCYLOSTOMA CANINUM</i> HABITAT SELECTION IN THE CANINE INTESTINE. <i>Journal of Parasitology</i> , 2002, 88, 684-690.	0.7	30
66	A developmentally regulated metalloprotease secreted by host-stimulated <i>Ancylostoma caninum</i> third-stage infective larvae is a member of the astacin family of proteases. <i>Molecular and Biochemical Parasitology</i> , 2002, 120, 291-296.	1.1	82
67	Molecular cloning and purification of Ac-TMP, a developmentally regulated putative tissue inhibitor of metalloprotease released in relative abundance by adult <i>Ancylostoma</i> hookworms.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 238-244.	1.4	44
68	Species-Specific Identification of Human Hookworms by PCR of the Mitochondrial Cytochrome Oxidase I Gene. <i>Journal of Parasitology</i> , 2001, 87, 1227-1229.	0.7	36
69	Genetic structure of populations of the human hookworm, <i>Necator americanus</i> , in China. <i>Molecular Ecology</i> , 2001, 10, 1433-1437.	3.9	56
70	Epidemiology of <i>Necator Americanus</i> Hookworm Infections in Xiulongkan Village, Hainan Province, China: High Prevalence and Intensity Among Middle-Aged and Elderly Residents. <i>Journal of Parasitology</i> , 2001, 87, 739-743.	0.7	38
71	Variation between ASP-1 Molecules from <i>Ancylostoma caninum</i> in China and the United States. <i>Journal of Parasitology</i> , 2000, 86, 181.	0.7	2
72	Variation between ASP-1 Molecules from <i>Ancylostoma caninum</i> in China and the United States. <i>Journal of Parasitology</i> , 2000, 86, 181-185.	0.7	18

#	ARTICLE	IF	CITATIONS
73	A common muscarinic pathway for diapause recovery in the distantly related nematode species <i>Caenorhabditis elegans</i> and <i>Ancylostoma caninum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 460-465.	7.1	107
74	Hookworm burden reductions in BALB/c mice vaccinated with recombinant <i>Ancylostoma</i> secreted proteins (ASPs) from <i>Ancylostoma duodenale</i> , <i>Ancylostoma caninum</i> and <i>Necator americanus</i> . <i>Vaccine</i> , 2000, 18, 1096-1102.	3.8	44
75	Epidemiology of hookworm infection in Itagua, Paraguay: a cross sectional study. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1999, 94, 583-586.	1.6	22
76	Experimental approaches to the development of a recombinant hookworm vaccine. <i>Immunological Reviews</i> , 1999, 171, 163-171.	6.0	59
77	<i>Ancylostoma</i> secreted protein 1 (ASP-1) homologues in human hookworms. <i>Molecular and Biochemical Parasitology</i> , 1999, 98, 143-149.	1.1	52
78	<i>Ancylostoma</i> secreted protein 2: cloning and characterization of a second member of a family of nematode secreted proteins from <i>Ancylostoma caninum</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 99, 149-165.	1.1	170
79	Epidemiology of human hookworm infections among adult villagers in Hejiang and Santai Counties, Sichuan Province, China. <i>Acta Tropica</i> , 1999, 73, 243-249.	2.0	28
80	Vaccines for hookworm infection. <i>Pediatric Infectious Disease Journal</i> , 1997, 16, 935-940.	2.0	6
81	Hookworms in the Americas: An alternative to trans-Pacific contact. <i>Parasitology Today</i> , 1996, 12, 72-74.	3.0	27
82	Hookworm: developmental biology of the infectious process. <i>Current Opinion in Genetics and Development</i> , 1996, 6, 618-623.	3.3	91
83	Differentiation between the Human Hookworms <i>Ancylostoma duodenale</i> and <i>Necator americanus</i> Using PCR-RFLP. <i>Journal of Parasitology</i> , 1996, 82, 642.	0.7	30
84	Molecular Approaches to Vaccinating against Hookworm Disease. <i>Pediatric Research</i> , 1996, 40, 515-521.	2.3	38
85	<i>Ancylostoma caninum</i> anticoagulant peptide: cloning by PCR and expression of soluble, active protein in <i>E. coli</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 80, 113-117.	1.1	44
86	Cloning and Characterization of <i>Ancylostoma</i> -secreted Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 6672-6678.	3.4	244
87	Vaccination with Alum-Precipitated Recombinant <i>Ancylostoma</i> -Secreted Protein 1 Protects Mice against Challenge Infections with Infective Hookworm (<i>Ancylostoma caninum</i>) Larvae. <i>Journal of Infectious Diseases</i> , 1996, 174, 1380-1383.	4.0	65
88	Cloning and characterization of a cDNA encoding the catalytic subunit of a cAMP-dependent protein kinase from <i>Ancylostoma caninum</i> third-stage infective larvae. <i>Molecular and Biochemical Parasitology</i> , 1995, 69, 127-130.	1.1	41
89	<i>Ancylostoma caninum</i> : Metalloprotease Release Coincides with Activation of Infective Larvae in Vitro. <i>Experimental Parasitology</i> , 1995, 80, 205-211.	1.2	76
90	Hyaluronidases Of The Gastrointestinal Invasive Nematodes <i>Ancylostoma Caninum</i> And <i>Anisakis Simplex</i> : Possible Functions In The Pathogenesis Of Human Zoonoses. <i>Journal of Infectious Diseases</i> , 1994, 170, 918-926.	4.0	67

#	ARTICLE	IF	CITATIONS
91	Ancylostoma caninum: Glutathione Stimulates Feeding in Third-Stage Larvae by a Sulfhydryl-Independent Mechanism. <i>Experimental Parasitology</i> , 1993, 77, 489-491.	1.2	14
92	Hookworm larval infectivity, arrest and amphiparatensis: the <i>Caenorhabditis elegans</i> daf-c paradigm. <i>Parasitology Today</i> , 1993, 9, 23-26.	3.0	127
93	Observations on the feeding behaviour of parasitic third-stage hookworm larvae. <i>Parasitology</i> , 1993, 106, 163-169.	1.5	30
94	Resumption of Feeding In vitro by Hookworm Third-Stage Larvae: A Comparative Study. <i>Journal of Parasitology</i> , 1992, 78, 1036.	0.7	22
95	<i>Ancylostoma caninum</i> : Reduced glutathione stimulates feeding by third-stage infective larvae. <i>Experimental Parasitology</i> , 1992, 75, 40-46.	1.2	20
96	Efficacy of an ivermectin/pyrantel pamoate chewable formulation against the canine hookworms, <i>Uncinaria stenocephala</i> and <i>Ancylostoma caninum</i> . <i>Veterinary Parasitology</i> , 1992, 41, 121-125.	1.8	11
97	Albumin and a Dialyzable Serum Factor Stimulate Feeding In vitro by Third-Stage Larvae of the Canine Hookworm <i>Ancylostoma caninum</i> . <i>Journal of Parasitology</i> , 1991, 77, 587.	0.7	18
98	Serum-Stimulated Feeding In vitro by Third-Stage Infective Larvae of the Canine Hookworm <i>Ancylostoma caninum</i> . <i>Journal of Parasitology</i> , 1990, 76, 394.	0.7	69
99	Metalloproteases of infective <i>Ancylostoma</i> hookworm larvae and their possible functions in tissue invasion and ecdysis. <i>Infection and Immunity</i> , 1990, 58, 3883-3892.	2.2	98
100	Regulation of proteinase levels in the nematode <i>Caenorhabditis elegans</i> . Preferential depression by acute or chronic starvation. <i>Biochemical Journal</i> , 1989, 264, 161-165.	3.7	9
101	Decline in protease activities with age in the nematode <i>caenorhabditis elegans</i> . <i>Mechanisms of Ageing and Development</i> , 1988, 45, 191-201.	4.6	52