

Douglas P Jasmer

List of Publications by Year in descending order

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55
papers

2,219
citations

218677

26
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46
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56
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Cell Death and Transcriptional Responses Induced in Larvae of the Nematode <i>Haemonchus contortus</i> by Toxins/Toxicants with Broad Phylogenetic Efficacy. <i>Pharmaceuticals</i> , 2021, 14, 598.	3.8	2
2	Rapid determination of nematode cell and organ susceptibility to toxic treatments. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 167-182.	3.4	6
3	De novo identification of toxicants that cause irreparable damage to parasitic nematode intestinal cells. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007942.	3.0	10
4	Omics Driven Understanding of the Intestines of Parasitic Nematodes. <i>Frontiers in Genetics</i> , 2019, 10, 652.	2.3	13
5	Compartmentalization of functions and predicted miRNA regulation among contiguous regions of the nematode intestine. <i>RNA Biology</i> , 2017, 14, 1335-1352.	3.1	11
6	Direct experimental manipulation of intestinal cells in <i>Ascaris suum</i> , with minor influences on the global transcriptome. <i>International Journal for Parasitology</i> , 2017, 47, 271-279.	3.1	6
7	Functional and Phylogenetic Characterization of Proteins Detected in Various Nematode Intestinal Compartments*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 812-827.	3.8	23
8	Pan-Nematoda Transcriptomic Elucidation of Essential Intestinal Functions and Therapeutic Targets With Broad Potential. <i>EBioMedicine</i> , 2015, 2, 1079-1089.	6.1	20
9	Peptidases Compartmentalized to the <i>Ascaris suum</i> Intestinal Lumen and Apical Intestinal Membrane. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3375.	3.0	14
10	Genome-Wide Tissue-Specific Gene Expression, Co-expression and Regulation of Co-expressed Genes in Adult Nematode <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2678.	3.0	50
11	Gene expression analysis distinguishes tissue-specific and gender-related functions among adult <i>Ascaris suum</i> tissues. <i>Molecular Genetics and Genomics</i> , 2013, 288, 243-260.	2.1	9
12	Effect of ensilage of potato on viability of <i>Taenia hydatigena</i> eggs. <i>Experimental Parasitology</i> , 2013, 133, 483-486.	1.2	6
13	Effect of heat treatment on viability of <i>Taenia hydatigena</i> eggs. <i>Experimental Parasitology</i> , 2013, 133, 421-426.	1.2	9
14	Direct immunization of the abomasum or rectum of goats induces local lymph node responses against <i>Haemonchus contortus</i> mucosal antigens. <i>Vaccine</i> , 2011, 29, 2938-2946.	3.8	2
15	The draft genome of the parasitic nematode <i>Trichinella spiralis</i> . <i>Nature Genetics</i> , 2011, 43, 228-235.	21.4	285
16	<i>Trichinella spiralis</i> : Genomic Application to Control a Zoonotic Nematode. <i>Infectious Disorders - Drug Targets</i> , 2010, 10, 376-384.	0.8	7
17	<i>Taenia taeniaeformis</i> : Effectiveness of staining oncospheres is related to both temperature of treatment and molecular weight of dyes utilized. <i>Veterinary Parasitology</i> , 2008, 151, 203-211.	1.8	6
18	Intestinal Transcriptomes of Nematodes: Comparison of the Parasites <i>Ascaris suum</i> and <i>Haemonchus contortus</i> with the Free-living <i>Caenorhabditis elegans</i> . <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e269.	3.0	42

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19	Parasitic nematodes—From genomes to control. <i>Veterinary Parasitology</i> , 2007, 148, 31-42.	1.8	43
20	Fusion and differentiation of murine C2C12 skeletal muscle cells that express <i>Trichinella spiralis</i> p43 protein. <i>Experimental Parasitology</i> , 2006, 112, 67-75.	1.2	20
21	Expressed sequence tags from life cycle stages of <i>Trichinella spiralis</i> : Application to biology and parasite control. <i>Veterinary Parasitology</i> , 2005, 132, 13-17.	1.8	21
22	Gene discovery in the adenophorean nematode <i>Trichinella spiralis</i> : an analysis of transcription from three life cycle stages. <i>Molecular and Biochemical Parasitology</i> , 2004, 137, 277-291.	1.1	56
23	mRNA sequences for <i>Haemonchus contortus</i> intestinal cathepsin B-like cysteine proteases display an extreme in abundance and diversity compared with other adult mammalian parasitic nematodes. <i>Molecular and Biochemical Parasitology</i> , 2004, 137, 297-305.	1.1	51
24	Intestinal DNases of 36 and 38.5kDa from the parasitic nematode <i>Haemonchus contortus</i> have non-classic DNase characteristics and produce DNA fragments with 3'-hydroxyls. <i>Experimental Parasitology</i> , 2004, 108, 142-153.	1.2	2
25	Non-classic characteristics define prominent DNase activities from the intestine and other tissues of <i>Haemonchus contortus</i> . <i>Experimental Parasitology</i> , 2003, 104, 131-139.	1.2	6
26	<i>Haemonchus contortus</i> UNC-18 binds to <i>Caenorhabditis elegans</i> neuronal syntaxin. <i>Molecular and Biochemical Parasitology</i> , 2003, 130, 55-59.	1.1	1
27	Abomasal lymph node responses to <i>Haemonchus contortus</i> intestinal antigens established in kid goats by infection or immunization with intestinal antigens. <i>Parasite Immunology</i> , 2003, 25, 59-68.	1.5	6
28	PARASITIC NEMATODE INTERACTIONS WITH MAMMALS AND PLANTS. <i>Annual Review of Phytopathology</i> , 2003, 41, 245-270.	7.8	114
29	Distinct characteristics of two intestinal protein compartments discriminated by using fenbendazole and a benzimidazole resistant isolate of <i>Haemonchus contortus</i> . <i>Experimental Parasitology</i> , 2002, 101, 200-209.	1.2	5
30	Cathepsin B-like cysteine proteases and <i>Caenorhabditis elegans</i> homologues dominate gene products expressed in adult <i>Haemonchus contortus</i> intestine. <i>Molecular and Biochemical Parasitology</i> , 2001, 116, 159-169.	1.1	45
31	Cathepsin B-like Cysteine Proteases Confer Intestinal Cysteine Protease Activity in <i>Haemonchus contortus</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 2928-2934.	3.4	52
32	<i>Trichinella spiralis</i> -infected muscle cells: Abundant RNA Polymerase II in Nuclear Speckle Domains Colocalizes with Nuclear Antigens. <i>Infection and Immunity</i> , 2001, 69, 4065-4071.	2.2	12
33	Multiple lethal effects induced by a benzimidazole anthelmintic in the anterior intestine of the nematode <i>Haemonchus contortus</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 105, 81-90.	1.1	50
34	Defined characteristics of cathepsin B-like proteins from nematodes: inferred functional diversity and phylogenetic relationships. <i>Molecular and Biochemical Parasitology</i> , 1999, 102, 297-310.	1.1	26
35	Nuclear antigens in <i>Trichinella spiralis</i> infected muscle cells: nuclear extraction, compartmentalization and complex formation. <i>Molecular and Biochemical Parasitology</i> , 1998, 92, 207-218.	1.1	35
36	Host nuclear abnormalities and depletion of nuclear antigens induced in <i>Trichinella spiralis</i> -infected muscle cells by the anthelmintic mebendazole. <i>Molecular and Biochemical Parasitology</i> , 1998, 96, 1-13.	1.1	14

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37	A tissue specific approach for analysis of membrane and secreted protein antigens from <i>Haemonchus contortus</i> gut and its application to diverse nematode species. <i>Molecular and Biochemical Parasitology</i> , 1998, 97, 55-68.	1.1	52
38	CD4 + T lymphocytes contribute to protective immunity induced in sheep and goats by <i>Haemonchus contortus</i> gut antigens. <i>Parasite Immunology</i> , 1997, 19, 435-445.	1.5	34
39	A cloned gene of <i>Cryptosporidium parvum</i> encodes neutralization-sensitive epitopes. <i>Molecular and Biochemical Parasitology</i> , 1996, 80, 137-147.	1.1	94
40	Identification of <i>Babesia bigemina</i> infected erythrocyte surface antigens containing epitopes conserved among strains. <i>Parasite Immunology</i> , 1994, 16, 119-127.	1.5	22
41	A <i>Babesia bovis</i> 225-kilodalton protein located on the cytoplasmic side of the erythrocyte membrane has sequence similarity with a region of glycogen phosphorylase. <i>Molecular and Biochemical Parasitology</i> , 1992, 52, 263-269.	1.1	33
42	Surface epitope localization and gene structure of a <i>Babesia bovis</i> 44-kilodalton variable merozoite surface antigen. <i>Molecular and Biochemical Parasitology</i> , 1992, 55, 75-84.	1.1	48
43	Neutralization-sensitive merozoite surface antigens of <i>Babesia bovis</i> encoded by members of a polymorphic gene family. <i>Molecular and Biochemical Parasitology</i> , 1992, 55, 85-94.	1.1	122
44	<i>Trichinella</i> spp.: Differential expression of acid phosphatase and myofibrillar proteins in infected muscle cells. <i>Experimental Parasitology</i> , 1991, 72, 321-331.	1.2	34
45	Characterization of the gene encoding a 60-kilodalton <i>Babesia bovis</i> merozoite protein with conserved and surface exposed epitopes. <i>Molecular and Biochemical Parasitology</i> , 1991, 46, 45-52.	1.1	114
46	DNA Probes Distinguish Geographical Isolates and Identify a Novel DNA Molecule of <i>Babesia bovis</i> . <i>Journal of Parasitology</i> , 1990, 76, 834.	0.7	24
47	<i>Trichinella spiralis</i> : Altered expression of muscle proteins in trichinosis. <i>Experimental Parasitology</i> , 1990, 70, 452-465.	1.2	50
48	A recombinant surface protein of <i>Babesia bovis</i> elicits bovine antibodies that react with live merozoites. <i>Molecular and Biochemical Parasitology</i> , 1989, 35, 239-247.	1.1	61
49	In Vitro Killing of <i>Babesia bovis</i> by the Ornithine Analog $\hat{\pm}$ -monofluoromethyldehydroornithine Methyl Ester. <i>Journal of Protozoology</i> , 1989, 36, 493-497.	0.8	1
50	Developmentally regulated addition of nucleotides within apocytochrome b transcripts in <i>Trypanosoma brucei</i> . <i>Cell</i> , 1987, 49, 337-345.	28.9	201
51	Variation of G-rich mitochondrial transcripts among stocks of <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1987, 22, 259-272.	1.1	24
52	Conservation of kinetoplastid minicircle characteristics without nucleotide sequence conservation. <i>Molecular and Biochemical Parasitology</i> , 1986, 18, 257-269.	1.1	39
53	Sequence organization in African trypanosome minicircles is defined by 18 base pair inverted repeats. <i>Molecular and Biochemical Parasitology</i> , 1986, 18, 321-331.	1.1	55
54	Identification of mitochondrial genes in <i>Trypanosoma brucei</i> and homology to cytochrome c oxidase II in two different reading frames. <i>Molecular and Biochemical Parasitology</i> , 1985, 15, 159-170.	1.1	43

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55	Apocytochrome b and other mitochondrial DNA sequences are differentially expressed during the life cycle of <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 1985, 13, 4577-4596.	14.5	88