

Emily R Troemel

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,259
citations

236925

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all docs

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docs citations

68
times ranked

2669
citing authors

#	ARTICLE	IF	CITATIONS
1	An intestinally secreted host factor promotes microsporidia invasion of <i>C. elegans</i> . <i>ELife</i> , 2022, 11, .	6.0	12
2	The transcription factor ZIP-1 promotes resistance to intracellular infection in <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2022, 13, 17.	12.8	23
3	Insights from <i>C. elegans</i> into Microsporidia Biology and Host-Pathogen Relationships. <i>Experientia Supplementum</i> (2012), 2022, 114, 115-136.	0.9	8
4	Conservation lost: host-pathogen battles drive diversification and expansion of gene families. <i>FEBS Journal</i> , 2021, 288, 5289-5299.	4.7	13
5	The purine nucleoside phosphorylase <i>pnp-1</i> regulates epithelial cell resistance to infection in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009350.	4.7	39
6	The <i>Caenorhabditis elegans</i> RIG-I Homolog DRH-1 Mediates the Intracellular Pathogen Response upon Viral Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	50
7	A cullin-RING ubiquitin ligase promotes thermotolerance as part of the intracellular pathogen response in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7950-7960.	7.1	32
8	Natural variation in the roles of <i>C. elegans</i> autophagy components during microsporidia infection. <i>PLoS ONE</i> , 2019, 14, e0216011.	2.5	25
9	Nanoluciferase-Based Method for Detecting Gene Expression in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 213, 1197-1207.	2.9	10
10	Antagonistic paralogs control a switch between growth and pathogen resistance in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007528.	4.7	72
11	Autophagy and innate immunity: Insights from invertebrate model organisms. <i>Autophagy</i> , 2018, 14, 233-242.	9.1	112
12	Host-parasite interactions: an interview with Emily Troemel. <i>BMC Biology</i> , 2018, 16, 133.	3.8	0
13	Identification of microsporidia host-exposed proteins reveals a repertoire of rapidly evolving proteins. <i>Nature Communications</i> , 2017, 8, 14023.	12.8	88
14	In vivo mapping of tissue- and subcellular-specific proteomes in <i>Caenorhabditis elegans</i> . <i>Science Advances</i> , 2017, 3, e1602426.	10.3	66
15	An Intracellular Pathogen Response Pathway Promotes Proteostasis in <i>C. elegans</i> . <i>Current Biology</i> , 2017, 27, 3544-3553.e5.	3.9	80
16	Host-Microsporidia Interactions in <i>Caenorhabditis elegans</i> , a Model Nematode Host. , 2017, , 975-980.		2
17	Discovery of a Natural Microsporidian Pathogen with a Broad Tissue Tropism in <i>Caenorhabditis elegans</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005724.	4.7	48
18	Microsporidia Intracellular Development Relies on Myc Interaction Network Transcription Factors in the Host. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2707-2716.	1.8	18

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19	Host-Microsporidia Interactions in <i>Caenorhabditis elegans</i> , a Model Nematode Host. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	12
20	Small GTPases promote actin coat formation on microsporidian pathogens traversing the apical membrane of <i>Caenorhabditis elegans</i> intestinal cells. <i>Cellular Microbiology</i> , 2016, 18, 30-45.	2.1	20
21	Cell-to-cell spread of microsporidia causes <i>Caenorhabditis elegans</i> organs to form syncytia. <i>Nature Microbiology</i> , 2016, 1, 16144.	13.3	33
22	The <i>C. elegans</i> CCAAT-Enhancer-Binding Protein Gamma Is Required for Surveillance Immunity. <i>Cell Reports</i> , 2016, 14, 1581-1589.	6.4	33
23	A Large Collection of Novel Nematode-Infecting Microsporidia and Their Diverse Interactions with <i>Caenorhabditis elegans</i> and Other Related Nematodes. <i>PLoS Pathogens</i> , 2016, 12, e1006093.	4.7	62
24	The Development of Genetic Modification Techniques in Intracellular Parasites and Potential Applications to Microsporidia. <i>PLoS Pathogens</i> , 2015, 11, e1005283.	4.7	29
25	A Wild <i>C. elegans</i> Strain Has Enhanced Epithelial Immunity to a Natural Microsporidian Parasite. <i>PLoS Pathogens</i> , 2015, 11, e1004583.	4.7	80
26	Microsporidia-host interactions. <i>Current Opinion in Microbiology</i> , 2015, 26, 10-16.	5.1	50
27	Genome analysis and polar tube firing dynamics of mosquito-infecting microsporidia. <i>Fungal Genetics and Biology</i> , 2015, 83, 41-44.	2.1	15
28	Microbial pathogenesis and host defense in the nematode <i>C. elegans</i> . <i>Current Opinion in Microbiology</i> , 2015, 23, 94-101.	5.1	86
29	Characterization of Microsporidia-Induced Developmental Arrest and a Transmembrane Leucine-Rich Repeat Protein in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2015, 10, e0124065.	2.5	17
30	The small GTPase RAB-11 directs polarized exocytosis of the intracellular pathogen <i>N. parisii</i> for fecal-oral transmission from <i>C. elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8215-8220.	7.1	42
31	Ubiquitin-Mediated Response to Microsporidia and Virus Infection in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004200.	4.7	184
32	Breaking barriers: a GPCR triggers immunity in nematodes. <i>Nature Immunology</i> , 2014, 15, 826-828.	14.5	3
33	Genome Sequence of the Microsporidian Species <i>Nematocida</i> sp1 Strain ERTm6 (ATCC PRA-372). <i>Genome Announcements</i> , 2014, 2, .	0.8	14
34	<i>Caenorhabditis elegans</i> as a model for intracellular pathogen infection. <i>Cellular Microbiology</i> , 2013, 15, 1313-1322.	2.1	87
35	Preparing a discreet escape. <i>Worm</i> , 2012, 1, 207-211.	1.0	7
36	Microsporidian genome analysis reveals evolutionary strategies for obligate intracellular growth. <i>Genome Research</i> , 2012, 22, 2478-2488.	5.5	235

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37	<i>C. elegans</i> Detects Pathogen-Induced Translational Inhibition to Activate Immune Signaling. <i>Cell Host and Microbe</i> , 2012, 11, 375-386.	11.0	185
38	Non-Lytic, Actin-Based Exit of Intracellular Parasites from <i>C. elegans</i> Intestinal Cells. <i>PLoS Pathogens</i> , 2011, 7, e1002227.	4.7	67
39	New Models of Microsporidiosis: Infections in Zebrafish, <i>C. elegans</i> , and Honey Bee. <i>PLoS Pathogens</i> , 2011, 7, e1001243.	4.7	38
40	Distinct Pathogenesis and Host Responses during Infection of <i>C. elegans</i> by <i>P. aeruginosa</i> and <i>S. aureus</i> . <i>PLoS Pathogens</i> , 2010, 6, e1000982.	4.7	297
41	bZIP transcription factor <i>zip-2</i> mediates an early response to <i>Pseudomonas aeruginosa</i> infection in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2153-2158.	7.1	146
42	Microsporidia Are Natural Intracellular Parasites of the Nematode <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2008, 6, e309.	5.6	218
43	p38 MAPK Regulates Expression of Immune Response Genes and Contributes to Longevity in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2006, 2, e183.	3.5	573