

# Jonathan J Ewbank

## 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.

85  
papers

7,016  
citations

42  
h-index

83  
g-index

106  
ext. papers

8,046  
ext. citations

10.8  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
85	<i>C. elegans</i> : out on an evolutionary limb. <i>Immunogenetics</i> , <b>2021</b> , 1	3.2	1
84	An integrated view of innate immune mechanisms in <i>C. elegans</i> . <i>Biochemical Society Transactions</i> , <b>2021</b> , 49, 2307-2317	5.1	1
83	Antagonistic fungal enterotoxins intersect at multiple levels with host innate immune defences. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009600	6	4
82	Innate Immunity Promotes Sleep through Epidermal Antimicrobial Peptides. <i>Current Biology</i> , <b>2021</b> , 31, 564-577.e12	6.3	11
81	Reduced peroxisomal import triggers peroxisomal retrograde signaling. <i>Cell Reports</i> , <b>2021</b> , 34, 108653	10.6	3
80	Ubiquitin-related processes and innate immunity in <i>C. elegans</i> . <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 4305-4333	10.3	4
79	Comparison of lipidome profiles of <i>Caenorhabditis elegans</i> -results from an inter-laboratory ring trial. <i>Metabolomics</i> , <b>2021</b> , 17, 25	4.7	1
78	Fabrication of sharp silicon arrays to wound <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , <b>2020</b> , 10, 3581	4.9	4
77	Non-Canonical Caspase Activity Antagonizes p38 MAPK Stress-Priming Function to Support Development. <i>Developmental Cell</i> , <b>2020</b> , 53, 358-369.e6	10.2	10
76	Microtubule plus-end dynamics link wound repair to the innate immune response. <i>ELife</i> , <b>2020</b> , 9,	8.9	16
75	Long-read only assembly of <i>Drechmeria coniospora</i> genomes reveals widespread chromosome plasticity and illustrates the limitations of current nanopore methods. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	4
74	Modulatory upregulation of an insulin peptide gene by different pathogens in <i>C. elegans</i> . <i>Virulence</i> , <b>2018</b> , 9, 648-658	4.7	11
73	De novo assembly of the complex genome of <i>Nippostrongylus brasiliensis</i> using MinION long reads. <i>BMC Biology</i> , <b>2018</b> , 16, 6	7.3	22
72	Evolutionary plasticity in the innate immune function of Akirin. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007494	6	17
71	Signaling in the innate immune response. <i>WormBook</i> , <b>2018</b> , 2018, 1-35		67
70	Polyethylene Glycol-mediated Transformation of. <i>Bio-protocol</i> , <b>2017</b> , 7, e2157	0.9	2
69	GPCRs in invertebrate innate immunity. <i>Biochemical Pharmacology</i> , <b>2016</b> , 114, 82-7	6	15

68	Local and long-range activation of innate immunity by infection and damage in <i>C. elegans</i> . <i>Current Opinion in Immunology</i> , <b>2016</b> , 38, 1-7	7.8	39
67	Comparative Genomic Analysis of <i>Drechmeria coniospora</i> Reveals Core and Specific Genetic Requirements for Fungal Endoparasitism of Nematodes. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006017	6	27
66	A quantitative genome-wide RNAi screen in <i>C. elegans</i> for antifungal innate immunity genes. <i>BMC Biology</i> , <b>2016</b> , 14, 35	7.3	33
65	Activation of a G protein-coupled receptor by its endogenous ligand triggers the innate immune response of <i>Caenorhabditis elegans</i> . <i>Nature Immunology</i> , <b>2014</b> , 15, 833-8	19.1	81
64	Independent synchronized control and visualization of interactions between living cells and organisms. <i>Biophysical Journal</i> , <b>2014</b> , 106, 2096-104	2.9	14
63	Clone mapper: an online suite of tools for RNAi experiments in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , <b>2014</b> , 4, 2137-45	3.2	9
62	Genome evolution and plasticity of <i>Serratia marcescens</i> , an important multidrug-resistant nosocomial pathogen. <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 2096-110	3.9	114
61	ICeE an interface for <i>C. elegans</i> experiments. <i>Worm</i> , <b>2014</b> , 3, e959420		1
60	Defects in the <i>C. elegans</i> acyl-CoA synthase, <i>acs-3</i> , and nuclear hormone receptor, <i>nhr-25</i> , cause sensitivity to distinct, but overlapping stresses. <i>PLoS ONE</i> , <b>2014</b> , 9, e92552	3.7	25
59	A genome-wide collection of <i>Mos1</i> transposon insertion mutants for the <i>C. elegans</i> research community. <i>PLoS ONE</i> , <b>2012</b> , 7, e30482	3.7	35
58	A UPR-independent infection-specific role for a BiP/GRP78 protein in the control of antimicrobial peptide expression in <i>C. elegans</i> epidermis. <i>Virulence</i> , <b>2012</b> , 3, 299-308	4.7	22
57	The Origin and Function of Anti-Fungal Peptides in <i>C. elegans</i> : Open Questions. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 237	8.4	20
56	Quantitative and automated high-throughput genome-wide RNAi screens in <i>C. elegans</i> . <i>Journal of Visualized Experiments</i> , <b>2012</b> ,	1.6	19
55	The pseudokinase NIPI-4 is a novel regulator of antimicrobial peptide gene expression. <i>PLoS ONE</i> , <b>2012</b> , 7, e33887	3.7	24
54	Unusual regulation of a STAT protein by an SLC6 family transporter in <i>C. elegans</i> epidermal innate immunity. <i>Cell Host and Microbe</i> , <b>2011</b> , 9, 425-35	23.4	72
53	A comprehensive analysis of gene expression changes provoked by bacterial and fungal infection in <i>C. elegans</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e19055	3.7	123
52	<i>C. elegans</i> : model host and tool for antimicrobial drug discovery. <i>DMM Disease Models and Mechanisms</i> , <b>2011</b> , 4, 300-4	4.1	88
51	The fatty acid synthase <i>fasn-1</i> acts upstream of WNK and Ste20/GCK-VI kinases to modulate antimicrobial peptide expression in <i>C. elegans</i> epidermis. <i>Virulence</i> , <b>2010</b> , 1, 113-22	4.7	37

50	Cellular homeostasis: coping with ER overload during an immune response. <i>Current Biology</i> , <b>2010</b> , 20, R452-5	6.3	3
49	SMF-1, SMF-2 and SMF-3 DMT1 orthologues regulate and are regulated differentially by manganese levels in <i>C. elegans</i> . <i>PLoS ONE</i> , <b>2009</b> , 4, e7792	3.7	73
48	Negative regulation of <i>Caenorhabditis elegans</i> epidermal damage responses by death-associated protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 1457-61	11.5	55
47	<i>Caenorhabditis elegans</i> semi-automated liquid screen reveals a specialized role for the chemotaxis gene <i>cheB2</i> in <i>Pseudomonas aeruginosa</i> virulence. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000540	7.6	68
46	Neuroimmune regulation of antimicrobial peptide expression by a noncanonical TGF-beta signaling pathway in <i>Caenorhabditis elegans</i> epidermis. <i>Nature Immunology</i> , <b>2009</b> , 10, 249-56	19.1	134
45	Antifungal innate immunity in <i>C. elegans</i> : PKCdelta links G protein signaling and a conserved p38 MAPK cascade. <i>Cell Host and Microbe</i> , <b>2009</b> , 5, 341-52	23.4	88
44	Genome sequence of the metazoan plant-parasitic nematode <i>Meloidogyne incognita</i> . <i>Nature Biotechnology</i> , <b>2008</b> , 26, 909-15	44.5	790
43	Distinct innate immune responses to infection and wounding in the <i>C. elegans</i> epidermis. <i>Current Biology</i> , <b>2008</b> , 18, 481-9	6.3	201
42	Anti-fungal innate immunity in <i>C. elegans</i> is enhanced by evolutionary diversification of antimicrobial peptides. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000105	7.6	164
41	Pathogenomics: an updated European Research Agenda. <i>Infection, Genetics and Evolution</i> , <b>2008</b> , 8, 386-93	7.5	6
40	The genetics of pathogen avoidance in <i>Caenorhabditis elegans</i> . <i>Molecular Microbiology</i> , <b>2007</b> , 66, 563-70	4.1	72
39	A semi-automated high-throughput approach to the generation of transposon insertion mutants in the nematode <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , <b>2007</b> , 35, e11	20.1	20
38	Detection and avoidance of a natural product from the pathogenic bacterium <i>Serratia marcescens</i> by <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 2295-300	11.5	252
37	A model of bacterial intestinal infections in <i>Drosophila melanogaster</i> . <i>PLoS Pathogens</i> , <b>2007</b> , 3, e173	7.6	248
36	Infection in a dish: high-throughput analyses of bacterial pathogenesis. <i>Current Opinion in Microbiology</i> , <b>2007</b> , 10, 10-6	7.9	58
35	Genome-wide investigation reveals pathogen-specific and shared signatures in the response of <i>Caenorhabditis elegans</i> to infection. <i>Genome Biology</i> , <b>2007</b> , 8, R194	18.3	154
34	A generalized transducing phage ( <i>phiIF3</i> ) for the genomically sequenced <i>Serratia marcescens</i> strain Db11: a tool for functional genomics of an opportunistic human pathogen. <i>Microbiology (United Kingdom)</i> , <b>2006</b> , 152, 1701-1708	2.9	49
33	Signaling in the immune response. <i>WormBook</i> , <b>2006</b> , 1-12		52

32	XNP-1/ATR-X acts with RB, HP1 and the NuRD complex during larval development in <i>C. elegans</i> . <i>Developmental Biology</i> , <b>2005</b> , 278, 49-59	3.1	26
31	Pathogen Avoidance Using Toll Signaling in <i>C. elegans</i> <b>2005</b> , 162-167		
30	Evolution of the innate immune system: the worm perspective. <i>Immunological Reviews</i> , <b>2004</b> , 198, 36-58	11.3	159
29	TLR-independent control of innate immunity in <i>Caenorhabditis elegans</i> by the TIR domain adaptor protein TIR-1, an ortholog of human SARM. <i>Nature Immunology</i> , <b>2004</b> , 5, 488-94	19.1	353
28	Diversity and specificity in the interaction between <i>Caenorhabditis elegans</i> and the pathogen <i>Serratia marcescens</i> . <i>BMC Evolutionary Biology</i> , <b>2004</b> , 4, 49	3	106
27	Immunity in <i>Caenorhabditis elegans</i> . <i>Current Opinion in Immunology</i> , <b>2004</b> , 16, 4-9	7.8	90
26	Genetic models in pathogenesis. <i>Annual Review of Genetics</i> , <b>2004</b> , 38, 347-63	14.5	49
25	Le nématode <i>Caenorhabditis elegans</i> , un modèle d'étude pour les interactions hôte-bactéries pathogènes. <i>Société Biologie Journal</i> , <b>2003</b> , 197, 375-378		2
24	Virulence factors of the human opportunistic pathogen <i>Serratia marcescens</i> identified by in vivo screening. <i>EMBO Journal</i> , <b>2003</b> , 22, 1451-60	13	245
23	<i>Caenorhabditis elegans</i> : an emerging genetic model for the study of innate immunity. <i>Nature Reviews Genetics</i> , <b>2003</b> , 4, 380-90	30.1	132
22	Inducible antibacterial defense system in <i>C. elegans</i> . <i>Current Biology</i> , <b>2002</b> , 12, 1209-14	6.3	348
21	Tackling both sides of the host-pathogen equation with <i>Caenorhabditis elegans</i> . <i>Microbes and Infection</i> , <b>2002</b> , 4, 247-56	9.3	90
20	Diverse bacteria are pathogens of <i>Caenorhabditis elegans</i> . <i>Infection and Immunity</i> , <b>2002</b> , 70, 4705-7	3.7	134
19	A reverse genetic analysis of components of the Toll signaling pathway in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , <b>2001</b> , 11, 809-21	6.3	328
18	The <i>Caenorhabditis elegans</i> unc-32 gene encodes alternative forms of a vacuolar ATPase a subunit. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 11913-21	5.4	60
17	Comment on Lee M. Silver's article 'Reprogenetics: third millenium speculation' in EMBO reports, November 2000. <i>EMBO Reports</i> , <b>2001</b> , 2, 164	6.5	
16	<i>Caenorhabditis elegans</i> is a model host for <i>Salmonella typhimurium</i> . <i>Current Biology</i> , <b>2000</b> , 10, 1543-5	6.3	225
15	<i>Caenorhabditis elegans</i> for the study of host-pathogen interactions. <i>Trends in Microbiology</i> , <b>2000</b> , 8, 142-4	4.4	100

14	Biotech companies must get back to basics to weigh up risks. <i>Nature</i> , <b>1999</b> , 401, 207	50.4	1
13	Characterization of xnp-1, a <i>Caenorhabditis elegans</i> gene similar to the human XNP/ATR-X gene. <i>Gene</i> , <b>1999</b> , 236, 13-9	3.8	6
12	Problems of germline therapy. <i>Nature</i> , <b>1998</b> , 392, 645	50.4	18
11	Molecular genetics of life span in <i>C. elegans</i> : how much does it teach us?. <i>Trends in Genetics</i> , <b>1998</b> , 14, 14-20	8.5	93
10	Structural and functional conservation of the <i>Caenorhabditis elegans</i> timing gene clk-1. <i>Science</i> , <b>1997</b> , 275, 980-3	33.3	280
9	What is the molten globule?. <i>Nature Structural Biology</i> , <b>1995</b> , 2, 10-1		26
8	Conformation of GroEL-bound alpha-lactalbumin probed by mass spectrometry. <i>Nature</i> , <b>1994</b> , 372, 646-51.4	50.4	202
7	Disulfide-rearranged molten globule state of alpha-lactalbumin. <i>Biochemistry</i> , <b>1994</b> , 33, 1534-8	3.2	56
6	Pathway of disulfide-coupled unfolding and refolding of bovine alpha-lactalbumin. <i>Biochemistry</i> , <b>1993</b> , 32, 3677-93	3.2	118
5	Structural characterization of the disulfide folding intermediates of bovine alpha-lactalbumin. <i>Biochemistry</i> , <b>1993</b> , 32, 3694-707	3.2	130
4	Protein folding by stages. <i>Current Biology</i> , <b>1992</b> , 2, 347-9	6.3	6
3	The molten globule protein conformation probed by disulphide bonds. <i>Nature</i> , <b>1991</b> , 350, 518-20	50.4	140
2	Large scale high-performance liquid chromatography of urogastrone produced by recombinant DNA technology. <i>Journal of Chromatography A</i> , <b>1986</b> , 362, 443-9	4.5	8
1	An integrated analysis tool reveals intrinsic biases in gene set enrichment		1