

# Nathalie Pujol

## List of Publications by Year in descending order

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49  
papers

3,720  
citations

236925

25  
h-index

214800

47  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2717  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2004, 5, 488-494.	14.5	433
2	Inducible Antibacterial Defense System in <i>C. elegans</i> . <i>Current Biology</i> , 2002, 12, 1209-1214.	3.9	417
3	A reverse genetic analysis of components of the Toll signaling pathway in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2001, 11, 809-821.	3.9	376
4	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> , 2007, 104, 2295-2300.	7.1	320
5	Distinct Innate Immune Responses to Infection and Wounding in the <i>C. elegans</i> Epidermis. <i>Current Biology</i> , 2008, 18, 481-489.	3.9	267
6	Anti-Fungal Innate Immunity in <i>C. elegans</i> Is Enhanced by Evolutionary Diversification of Antimicrobial Peptides. <i>PLoS Pathogens</i> , 2008, 4, e1000105.	4.7	212
7	Genome-wide investigation reveals pathogen-specific and shared signatures in the response of <i>Caenorhabditis elegans</i> to infection. <i>Genome Biology</i> , 2007, 8, R194.	9.6	194
8	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> , 2014, 15, 833-838.	14.5	113
9	Antifungal Innate Immunity in <i>C. elegans</i> : PKC Links G Protein Signaling and a Conserved p38 MAPK Cascade. <i>Cell Host and Microbe</i> , 2009, 5, 341-352.	11.0	106
10	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> , 2011, 9, 425-435.	11.0	93
11	Innate Immunity in <i>C. elegans</i> . <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, 105-121.	1.6	91
12	A Damage Sensor Associated with the Cuticle Coordinates Three Core Environmental Stress Responses in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2018, 208, 1467-1482.	2.9	84
13	<i>unc-53</i> controls longitudinal migration in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2002, 129, 3367-3379.	2.5	84
14	An Antimicrobial Peptide and Its Neuronal Receptor Regulate Dendrite Degeneration in Aging and Infection. <i>Neuron</i> , 2018, 97, 125-138.e5.	8.1	79
15	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> , 2009, 106, 1457-1461.	7.1	70
16	The <i>Caenorhabditis elegans</i> <i>unc-32</i> Gene Encodes Alternative Forms of a Vacuolar ATPase $\alpha$ Subunit. <i>Journal of Biological Chemistry</i> , 2001, 276, 11913-11921.	3.4	69
17	A quantitative genome-wide RNAi screen in <i>C. elegans</i> for antifungal innate immunity genes. <i>BMC Biology</i> , 2016, 14, 35.	3.8	60
18	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> , 2010, 1, 113-122.	4.4	50

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19	Local and long-range activation of innate immunity by infection and damage in <i>C. elegans</i> . <i>Current Opinion in Immunology</i> , 2016, 38, 1-7.	5.5	49
20	Mechanisms of innate immunity in <i>C. elegans</i> epidermis. <i>Tissue Barriers</i> , 2015, 3, e1078432.	3.2	48
21	unc-53 controls longitudinal migration in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2002, 129, 3367-79.	2.5	45
22	Innate immunity in <i>C. elegans</i> . <i>Current Topics in Developmental Biology</i> , 2021, 144, 309-351.	2.2	39
23	The Pseudokinase NIPI-4 Is a Novel Regulator of Antimicrobial Peptide Gene Expression. <i>PLoS ONE</i> , 2012, 7, e33887.	2.5	36
24	Innate Immunity Promotes Sleep through Epidermal Antimicrobial Peptides. <i>Current Biology</i> , 2021, 31, 564-577.e12.	3.9	35
25	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> , 2014, 9, e92552.	2.5	35
26	Coordinated inhibition of C/EBP by Tribbles in multiple tissues is essential for <i>Caenorhabditis elegans</i> development. <i>BMC Biology</i> , 2016, 14, 104.	3.8	33
27	XNP-1/ATR-X acts with RB, HP1 and the NuRD complex during larval development in <i>C. elegans</i> . <i>Developmental Biology</i> , 2005, 278, 49-59.	2.0	31
28	Evolutionary plasticity in the innate immune function of Akirin. <i>PLoS Genetics</i> , 2018, 14, e1007494.	3.5	31
29	The Origin and Function of Anti-Fungal Peptides in <i>C. elegans</i> : Open Questions. <i>Frontiers in Immunology</i> , 2012, 3, 237.	4.8	28
30	Microtubule plus-end dynamics link wound repair to the innate immune response. <i>ELife</i> , 2020, 9, .	6.0	27
31	Independent Synchronized Control and Visualization of Interactions between Living Cells and Organisms. <i>Biophysical Journal</i> , 2014, 106, 2096-2104.	0.5	25
32	Modulatory upregulation of an insulin peptide gene by different pathogens in <i>C. elegans</i> . <i>Virulence</i> , 2018, 9, 648-658.	4.4	25
33	New Strains for Tissue-Specific RNAi Studies in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4167-4176.	1.8	24
34	The LIM homeobox gene <i>ceh-14</i> is required for phasmid function and neurite outgrowth. <i>Developmental Biology</i> , 2013, 380, 314-323.	2.0	19
35	Clone Mapper: An Online Suite of Tools for RNAi Experiments in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2137-2145.	1.8	17
36	Antagonistic fungal enterotoxins intersect at multiple levels with host innate immune defences. <i>PLoS Genetics</i> , 2021, 17, e1009600.	3.5	11

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37	C. elegans: out on an evolutionary limb. Immunogenetics, 2022, 74, 63-73.	2.4	7
38	Characterisation of set-1 , a conserved PR/SET domain gene in Caenorhabditis elegans. Gene, 2002, 292, 33-41.	2.2	6
39	IL-17: good fear no tears. Nature Immunology, 2020, 21, 1315-1316.	14.5	5
40	Cellular Homeostasis: Coping with ER Overload During an Immune Response. Current Biology, 2010, 20, R452-R455.	3.9	4
41	Comparison of lipidome profiles of Caenorhabditis elegans results from an inter-laboratory ring trial. Metabolomics, 2021, 17, 25.	3.0	3
42	mutants have an increased fungal spore adhesion that is not rescued by. MicroPublication Biology, 2021, 2021, .	0.1	3
43	A Reverse Genetic Analysis of Components of the Toll Signaling Pathway in Caenorhabditis elegans. Current Biology, 2006, 16, 1477.	3.9	1
44	C. elegans: des montagnes de données. Medecine/Sciences, 2002, 18, 97-99.	0.2	1
45	is upregulated by fungal infection in a GPA-12 and STA-2-independent manner in the epidermis. MicroPublication Biology, 2021, 2021, .	0.1	1
46	Pathogen Avoidance Using Toll Signaling in C. elegans. , 2005, , 162-167.		0
47	Virulence profile: Nathalie Pujol. Virulence, 2016, 7, 63-64.	4.4	0
48	Inducible expression of encoding a nematode specific secreted peptide in the adult epidermis upon fungal infection. MicroPublication Biology, 2019, 2019, .	0.1	0
49	ATFS-1 plays no repressive role in the regulation of epidermal immune response.. MicroPublication Biology, 2022, 2022, .	0.1	0