

Liesbet Temmerman

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,811
citations

279798

23
h-index

302126

39
g-index

49
all docs

49
docs citations

49
times ranked

2745
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin promotes lifespan through mitohormesis via the peroxiredoxin PRDX-2. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2501-9.	7.1	289
2	Host-Microbe-Drug-Nutrient Screen Identifies Bacterial Effectors of Metformin Therapy. Cell, 2019, 178, 1299-1312.e29.	28.9	186
3	Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in <i>C. elegans</i> . Science, 2012, 338, 543-545.	12.6	162
4	Neuropeptide GPCRs in <i>C. elegans</i> . Frontiers in Endocrinology, 2012, 3, 167.	3.5	128
5	Discovery of a Cholecystokinin-Gastrin-Like Signaling System in Nematodes. Endocrinology, 2008, 149, 2826-2839.	2.8	97
6	Regulation of Feeding and Metabolism by Neuropeptide F and Short Neuropeptide F in Invertebrates. Frontiers in Endocrinology, 2019, 10, 64.	3.5	77
7	Discovery and characterization of a conserved pigment dispersing factor-like neuropeptide pathway in <i>Caenorhabditis elegans</i> . Journal of Neurochemistry, 2009, 111, 228-241.	3.9	75
8	Ancient neuromodulation by vasopressin/oxytocin-related peptides. Worm, 2013, 2, e24246.	1.0	69
9	New genetic regulators question relevance of abundant yolk protein production in <i>C. elegans</i> . Scientific Reports, 2015, 5, 16381.	3.3	46
10	Beyond ROS clearance: Peroxiredoxins in stress signaling and aging. Ageing Research Reviews, 2018, 44, 33-48.	10.9	46
11	A neuromedin-pyrokinin-like neuropeptide signaling system in <i>Caenorhabditis elegans</i> . Biochemical and Biophysical Research Communications, 2009, 379, 760-764.	2.1	44
12	A differential proteomics study of <i>Caenorhabditis elegans</i> infected with <i>Aeromonas hydrophila</i> . Developmental and Comparative Immunology, 2010, 34, 690-698.	2.3	41
13	PDF receptor signaling in <i>Caenorhabditis elegans</i> modulates locomotion and egg-laying. Molecular and Cellular Endocrinology, 2012, 361, 232-240.	3.2	41
14	Proteome changes of <i>Caenorhabditis elegans</i> upon a <i>Staphylococcus aureus</i> infection. Biology Direct, 2010, 5, 11.	4.6	40
15	Gonadotropin-Releasing Hormone and Adipokinetic Hormone Signaling Systems Share a Common Evolutionary Origin. Frontiers in Endocrinology, 2011, 2, 16.	3.5	38
16	Coevolution of neuropeptidergic signaling systems: from worm to man. Annals of the New York Academy of Sciences, 2010, 1200, 1-14.	3.8	37
17	Royalactin extends lifespan of <i>Caenorhabditis elegans</i> through epidermal growth factor signaling. Experimental Gerontology, 2014, 60, 129-135.	2.8	37
18	Functional neuropeptidomics in invertebrates. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 812-826.	2.3	35

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19	Metabolic profiling of a transgenic <i>Caenorhabditis elegans</i> Alzheimer model. <i>Metabolomics</i> , 2015, 11, 477-486.	3.0	33
20	SKN-1-independent transcriptional activation of glutathione S-transferase 4 (GST-4) by EGF signaling. <i>Worm</i> , 2016, 5, 00-00.	1.0	32
21	Ageing with <i>elegans</i> : a research proposal to map healthspan pathways. <i>Biogerontology</i> , 2016, 17, 771-782.	3.9	31
22	Integrating -Omics: Systems Biology as Explored Through <i>C. elegans</i> Research. <i>Journal of Molecular Biology</i> , 2015, 427, 3441-3451.	4.2	30
23	Mass spectrometric evidence for neuropeptide-amidating enzymes in. <i>Journal of Biological Chemistry</i> , 2018, 293, 6052-6063.	3.4	28
24	A <i>Caenorhabditis elegans</i> Mass Spectrometric Resource for Neuropeptidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 879-889.	2.8	25
25	Unraveling the protective effect of a <i>Drosophila</i> phosphatidylethanolamine-binding protein upon bacterial infection by means of proteomics. <i>Developmental and Comparative Immunology</i> , 2009, 33, 1186-1195.	2.3	24
26	Worm peptidomics. <i>EuPA Open Proteomics</i> , 2014, 3, 280-290.	2.5	17
27	<i>C. elegans</i> homologs of insect clock proteins: a tale of many stories. <i>Annals of the New York Academy of Sciences</i> , 2011, 1220, 137-148.	3.8	15
28	Characterization of G Protein-coupled Receptors by a Fluorescence-based Calcium Mobilization Assay. <i>Journal of Visualized Experiments</i> , 2014, , e51516.	0.3	13
29	CEH-60/PBX regulates vitellogenesis and cuticle permeability through intestinal interaction with UNC-62/MEIS in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2019, 17, e3000499.	5.6	11
30	Optimized criteria for locomotion-based healthspan evaluation in <i>C. elegans</i> using the WorMotel system. <i>PLoS ONE</i> , 2020, 15, e0229583.	2.5	11
31	RPamide neuropeptides NLP-22 and NLP-2 act through GnRH-like receptors to promote sleep and wakefulness in <i>C. elegans</i> . <i>Scientific Reports</i> , 2020, 10, 9929.	3.3	9
32	Cross-Platform Urine Metabolomics of Experimental Hyperglycemia in Type 2 Diabetes. <i>Journal of Diabetes & Metabolism</i> , 2013, 01, .	0.2	9
33	Identification of Endogenous Neuropeptides in the Nematode <i>C. elegans</i> Using Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2018, 1719, 271-291.	0.9	8
34	Conditional gene expression in invertebrate animal models. <i>Journal of Genetics and Genomics</i> , 2021, 48, 14-31.	3.9	8
35	DamID identifies targets of CEH-60/PBX that are associated with neuron development and muscle structure in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2020, 15, e0242939.	2.5	6
36	Exploring neuropeptide signalling through proteomics and peptidomics. <i>Expert Review of Proteomics</i> , 2019, 16, 131-137.	3.0	4

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37	Comparison of size distribution and (Pro249-Ser258) epitope exposure in in vitro and in vivo derived Tau fibrils. BMC Molecular and Cell Biology, 2020, 21, 81.	2.0	3
38	In vitro aggregating Î²-lactamase-polyQ chimeras do not induce toxic effects in an in vivo Caenorhabditis elegans model. Journal of Negative Results in BioMedicine, 2017, 16, 14.	1.4	2
39	Pigment Dispersing Factor. , 2013, , 298-303.		1
40	Identification of Non-Canonical Translation Products in C. elegans Using Tandem Mass Spectrometry. Frontiers in Genetics, 2021, 12, 728900.	2.3	1
41	Title is missing!. , 2020, 15, e0229583.		0
42	Title is missing!. , 2020, 15, e0229583.		0
43	Title is missing!. , 2020, 15, e0229583.		0
44	Title is missing!. , 2020, 15, e0229583.		0
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48	Title is missing!. , 2020, 15, e0242939.		0