

Paul W Sternberg

List of Publications by Year in descending order

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340
papers

27,812
citations

4383

86
h-index

8618

146
g-index

369
all docs

369
docs citations

369
times ranked

21195
citing authors

#	ARTICLE	IF	CITATIONS
1	The Gene Ontology resource: enriching a GOld mine. <i>Nucleic Acids Research</i> , 2021, 49, D325-D334.	6.5	2,416
2	WormBase: a multi-species resource for nematode biology and genomics. <i>Nucleic Acids Research</i> , 2004, 32, 411D-417.	6.5	610
3	The <i>lin-12</i> locus specifies cell fates in <i>Caenorhabditis elegans</i> . <i>Cell</i> , 1983, 34, 435-444.	13.5	564
4	Textpresso: An Ontology-Based Information Retrieval and Extraction System for Biological Literature. <i>PLoS Biology</i> , 2004, 2, e309.	2.6	504
5	A polycystic kidney-disease gene homologue required for male mating behaviour in <i>C. elegans</i> . <i>Nature</i> , 1999, 401, 386-389.	13.7	475
6	The <i>let-23</i> gene necessary for <i>Caenorhabditis elegans</i> vulval induction encodes a tyrosine kinase of the EGF receptor subfamily. <i>Nature</i> , 1990, 348, 693-699.	13.7	427
7	<i>let-60</i> , a gene that specifies cell fates during <i>C. elegans</i> vulval induction, encodes a ras protein. <i>Cell</i> , 1990, 63, 921-931.	13.5	414
8	Pattern formation during vulval development in <i>C. elegans</i> . <i>Cell</i> , 1986, 44, 761-772.	13.5	391
9	The gene <i>lin-3</i> encodes an inductive signal for vulval development in <i>C. elegans</i> . <i>Nature</i> , 1992, 358, 470-476.	13.7	378
10	A genetic pathway for the specification of the vulval cell lineages of <i>Caenorhabditis elegans</i> . <i>Nature</i> , 1987, 326, 259-267.	13.7	337
11	A blend of small molecules regulates both mating and development in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 2008, 454, 1115-1118.	13.7	335
12	WormBase 2016: expanding to enable helminth genomic research. <i>Nucleic Acids Research</i> , 2016, 44, D774-D780.	6.5	329
13	WormBase: a comprehensive resource for nematode research. <i>Nucleic Acids Research</i> , 2010, 38, D463-D467.	6.5	325
14	Sensory regulation of male mating behavior in <i>Caenorhabditis elegans</i> . <i>Neuron</i> , 1995, 14, 79-89.	3.8	314
15	A <i>C. elegans</i> stretch receptor neuron revealed by a mechanosensitive TRP channel homologue. <i>Nature</i> , 2006, 440, 684-687.	13.7	282
16	Optofluidic microscopy—a method for implementing a high resolution optical microscope on a chip. <i>Lab on A Chip</i> , 2006, 6, 1274-1276.	3.1	272
17	Vulval development. <i>WormBook</i> , 2005, , 1-28.	5.3	270
18	<i>C. elegans lin-45 raf</i> gene participates in <i>let-60 ras</i> -stimulated vulval differentiation. <i>Nature</i> , 1993, 363, 133-140.	13.7	263

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19	Lensless high-resolution on-chip optofluidic microscopes for <i>Caenorhabditis elegans</i> and cell imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10670-10675.	3.3	263
20	Genome-Wide Prediction of <i>C. elegans</i> Genetic Interactions. <i>Science</i> , 2006, 311, 1481-1484.	6.0	258
21	Multiple intercellular signalling systems control the development of the <i>Caenorhabditis elegans</i> vulva. <i>Nature</i> , 1991, 351, 535-541.	13.7	254
22	<i>Ascaris suum</i> draft genome. <i>Nature</i> , 2011, 479, 529-533.	13.7	246
23	The combined action of two intercellular signaling pathways specifies three cell fates during vulval induction in <i>C. elegans</i> . <i>Cell</i> , 1989, 58, 679-693.	13.5	242
24	Ror receptor tyrosine kinases: orphans no more. <i>Trends in Cell Biology</i> , 2008, 18, 536-544.	3.6	231
25	A shortcut to identifying small molecule signals that regulate behavior and development in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7708-7713.	3.3	221
26	DAF-16/FOXO Regulates Transcription of <i>cki-1/Cip/Kip</i> and Repression of <i>lin-4</i> during <i>C. elegans</i> L1 Arrest. <i>Current Biology</i> , 2006, 16, 780-785.	1.8	219
27	Lateral inhibition during vulval induction in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 1988, 335, 551-554.	13.7	213
28	WormBase: a modern Model Organism Information Resource. <i>Nucleic Acids Research</i> , 2020, 48, D762-D767.	6.5	213
29	Title is missing!. <i>Nature</i> , 1999, 401, 386-389.	13.7	209
30	Epidermal growth factor signaling induces behavioral quiescence in <i>Caenorhabditis elegans</i> . <i>Nature Neuroscience</i> , 2007, 10, 1300-1307.	7.1	209
31	A Modular Library of Small Molecule Signals Regulates Social Behaviors in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2012, 10, e1001237.	2.6	208
32	Genetics of RAS signaling in <i>C. elegans</i> . <i>Trends in Genetics</i> , 1998, 14, 466-472.	2.9	201
33	Mapping a multiplexed zoo of mRNA expression. <i>Development (Cambridge)</i> , 2016, 143, 3632-3637.	1.2	198
34	Different Levels of the <i>C. elegans</i> growth factor LIN-3 promote distinct vulval precursor fates. <i>Cell</i> , 1995, 82, 297-307.	13.5	196
35	Conserved nematode signalling molecules elicit plant defenses and pathogen resistance. <i>Nature Communications</i> , 2015, 6, 7795.	5.8	196
36	The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , 2013, 14, R89.	13.9	192

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37	The Neuroscience Information Framework: A Data and Knowledge Environment for Neuroscience. <i>Neuroinformatics</i> , 2008, 6, 149-160.	1.5	189
38	An Entomopathogenic Nematode by Any Other Name. <i>PLoS Pathogens</i> , 2012, 8, e1002527.	2.1	189
39	Mutations in a <i>C. elegans</i> Gq \pm Gene Disrupt Movement, Egg Laying, and Viability. <i>Neuron</i> , 1996, 16, 999-1009.	3.8	187
40	Inositol Trisphosphate Mediates a RAS-Independent Response to LET-23 Receptor Tyrosine Kinase Activation in <i>C. elegans</i> . <i>Cell</i> , 1998, 92, 523-533.	13.5	187
41	Comparative Metabolomics Reveals Biogenesis of Ascarosides, a Modular Library of Small-Molecule Signals in <i>C. elegans</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 1817-1824.	6.6	187
42	A Sensory Code for Host Seeking in Parasitic Nematodes. <i>Current Biology</i> , 2011, 21, 377-383.	1.8	181
43	<i>C. elegans</i> LIN-18 Is a Ryk Ortholog and Functions in Parallel to LIN-17/Frizzled in Wnt Signaling. <i>Cell</i> , 2004, 118, 795-806.	13.5	178
44	FOS-1 Promotes Basement-Membrane Removal during Anchor-Cell Invasion in <i>C. elegans</i> . <i>Cell</i> , 2005, 121, 951-962.	13.5	178
45	Ascaroside Signaling Is Widely Conserved among Nematodes. <i>Current Biology</i> , 2012, 22, 772-780.	1.8	177
46	Acute carbon dioxide avoidance in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8038-8043.	3.3	176
47	WormBase 2012: more genomes, more data, new website. <i>Nucleic Acids Research</i> , 2012, 40, D735-D741.	6.5	175
48	WormBase 2017: molting into a new stage. <i>Nucleic Acids Research</i> , 2018, 46, D869-D874.	6.5	172
49	The Jellyfish <i>Cassiopea</i> Exhibits a Sleep-like State. <i>Current Biology</i> , 2017, 27, 2984-2990.e3.	1.8	171
50	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , 2014, 46, 261-269.	9.4	166
51	Opposing Wnt Pathways Orient Cell Polarity during Organogenesis. <i>Cell</i> , 2008, 134, 646-656.	13.5	163
52	WormBook: the online review of <i>Caenorhabditis elegans</i> biology. <i>Nucleic Acids Research</i> , 2007, 35, D472-D475.	6.5	160
53	RNA Pol II Accumulates at Promoters of Growth Genes During Developmental Arrest. <i>Science</i> , 2009, 324, 92-94.	6.0	156
54	Tissue enrichment analysis for <i>C. elegans</i> genomics. <i>BMC Bioinformatics</i> , 2016, 17, 366.	1.2	155

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55	Nematode-Trapping Fungi Eavesdrop on Nematode Pheromones. <i>Current Biology</i> , 2013, 23, 83-86.	1.8	152
56	WormBase 2014: new views of curated biology. <i>Nucleic Acids Research</i> , 2014, 42, D789-D793.	6.5	149
57	An automated system for measuring parameters of nematode sinusoidal movement. <i>BMC Genetics</i> , 2005, 6, 5.	2.7	147
58	Comparative validation of the <i>D. melanogaster</i> modENCODE transcriptome annotation. <i>Genome Research</i> , 2014, 24, 1209-1223.	2.4	147
59	Alliance of Genome Resources Portal: unified model organism research platform. <i>Nucleic Acids Research</i> , 2020, 48, D650-D658.	6.5	145
60	Anchor Cell Invasion into the Vulval Epithelium in <i>C. elegans</i> . <i>Developmental Cell</i> , 2003, 5, 21-31.	3.1	144
61	A <i>C. elegans</i> Model of Nicotine-Dependent Behavior: Regulation by TRP-Family Channels. <i>Cell</i> , 2006, 127, 621-633.	13.5	144
62	The <i>Opisthorchis viverrini</i> genome provides insights into life in the bile duct. <i>Nature Communications</i> , 2014, 5, 4378.	5.8	144
63	A portrait of the "SCP/TAPS" proteins of eukaryotes" Developing a framework for fundamental research and biotechnological outcomes. <i>Biotechnology Advances</i> , 2009, 27, 376-388.	6.0	139
64	Olfaction shapes host-parasite interactions in parasitic nematodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2324-33.	3.3	138
65	A <i>C. elegans</i> Sperm TRP Protein Required for Sperm-Egg Interactions during Fertilization. <i>Cell</i> , 2003, 114, 285-297.	13.5	135
66	The L-Type Cyclin CYL-1 and the Heat-Shock-Factor HSF-1 Are Required for Heat-Shock-Induced Protein Expression in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2004, 168, 1937-1949.	1.2	135
67	WormBase in 2022" data, processes, and tools for analyzing <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2022, 220, .	1.2	128
68	lin-17 mutations of <i>Caenorhabditis elegans</i> disrupt certain asymmetric cell divisions. <i>Developmental Biology</i> , 1988, 130, 67-73.	0.9	126
69	Archaeorhodopsin variants with enhanced voltage-sensitive fluorescence in mammalian and <i>Caenorhabditis elegans</i> neurons. <i>Nature Communications</i> , 2014, 5, 4894.	5.8	124
70	Two Neuronal G Proteins are Involved in Chemosensation of the <i>Caenorhabditis elegans</i> Dauer-Inducing Pheromone. <i>Genetics</i> , 1997, 145, 715-727.	1.2	121
71	The versatile worm: genetic and genomic resources for <i>Caenorhabditis elegans</i> research. <i>Nature Reviews Genetics</i> , 2007, 8, 518-532.	7.7	116
72	Evidence of a mate-finding cue in the hermaphrodite nematode <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1598-1603.	3.3	114

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73	Receptor-type guanylate cyclase is required for carbon dioxide sensation by <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 254-259.	3.3	113
74	Nematodes, Bacteria, and Flies: A Tripartite Model for Nematode Parasitism. <i>Current Biology</i> , 2007, 17, 898-904.	1.8	109
75	Targeted Metabolomics Reveals a Male Pheromone and Sex-Specific Ascaroside Biosynthesis in <i>Caenorhabditis elegans</i> . <i>ACS Chemical Biology</i> , 2012, 7, 1321-1325.	1.6	108
76	Phylogenomic and biogeographic reconstruction of the <i>Trichinella</i> complex. <i>Nature Communications</i> , 2016, 7, 10513.	5.8	107
77	Gonadal cell lineages of the nematode <i>Panagrellus redivivus</i> and implications for evolution by the modification of cell lineage. <i>Developmental Biology</i> , 1981, 88, 147-166.	0.9	104
78	Regulation of Distinct Muscle Behaviors Controls the <i>C. elegans</i> Male's Copulatory Spicules during Mating. <i>Cell</i> , 2001, 107, 777-788.	13.5	104
79	Microfluidic chamber arrays for whole-organism behavior-based chemical screening. <i>Lab on A Chip</i> , 2011, 11, 3689.	3.1	103
80	Genetic blueprint of the zoonotic pathogen <i>Toxocara canis</i> . <i>Nature Communications</i> , 2015, 6, 6145.	5.8	103
81	Transgene-Free Genome Editing in <i>Caenorhabditis elegans</i> Using CRISPR-Cas. <i>Genetics</i> , 2013, 195, 1167-1171.	1.2	102
82	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2018, 9, 3216.	5.8	102
83	Postembryonic nongonadal cell lineages of the nematode <i>Panagrellus redivivus</i> : Description and comparison with those of <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 1982, 93, 181-205.	0.9	99
84	Cell-specific proteomic analysis in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2705-2710.	3.3	99
85	Morphologically defined sub-stages of <i>C. elegans</i> vulval development in the fourth larval stage. <i>BMC Developmental Biology</i> , 2015, 15, 26.	2.1	99
86	Apoptosis and change of competence limit the size of the vulva equivalence group in <i>Pristionchus pacificus</i> : a genetic analysis. <i>Current Biology</i> , 1996, 6, 52-59.	1.8	98
87	<i>Caenorhabditis elegans</i> HOM-C Genes Regulate the Response of Vulval Precursor Cells to Inductive Signal. <i>Developmental Biology</i> , 1997, 182, 150-161.	0.9	98
88	ARK-1 Inhibits EGFR Signaling in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 6, 65-75.	4.5	98
89	Hierarchical sparse coding in the sensory system of <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1185-1189.	3.3	97
90	SynMuv Genes Redundantly Inhibit lin-3/EGF Expression to Prevent Inappropriate Vulval Induction in <i>C. elegans</i> . <i>Developmental Cell</i> , 2006, 10, 667-672.	3.1	95

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91	WormBase 2007. <i>Nucleic Acids Research</i> , 2007, 36, D612-D617.	6.5	95
92	Genome and transcriptome of the porcine whipworm <i>Trichuris suis</i> . <i>Nature Genetics</i> , 2014, 46, 701-706.	9.4	93
93	The genome and transcriptome of the zoonotic hookworm <i>Ancylostoma ceylanicum</i> identify infection-specific gene families. <i>Nature Genetics</i> , 2015, 47, 416-422.	9.4	91
94	A Lover and a Fighter: The Genome Sequence of an Entomopathogenic Nematode <i>Heterorhabditis bacteriophora</i> . <i>PLoS ONE</i> , 2013, 8, e69618.	1.1	89
95	Ascaroside Expression in <i>Caenorhabditis elegans</i> Is Strongly Dependent on Diet and Developmental Stage. <i>PLoS ONE</i> , 2011, 6, e17804.	1.1	87
96	<i>Caenorhabditis elegans</i> GLQ Regulates Egg-Laying Behavior via a $PLC\beta$ -Independent and Serotonin-Dependent Signaling Pathway and Likely Functions Both in the Nervous System and in Muscle. <i>Genetics</i> , 2003, 165, 1805-1822.	1.2	87
97	Evolution of Vulva Development in the Cephalobina (Nematoda). <i>Developmental Biology</i> , 2000, 221, 68-86.	0.9	86
98	<i>C. elegans</i> Stress-Induced Sleep Emerges from the Collective Action of Multiple Neuropeptides. <i>Current Biology</i> , 2016, 26, 2446-2455.	1.8	84
99	The epidermal growth factor system in <i>caenorhabditis elegans</i> . <i>Experimental Cell Research</i> , 2003, 284, 150-159.	1.2	83
100	A cell-specific enhancer that specifies <i>lin-3</i> expression in the <i>C. elegans</i> anchor cell for vulval development. <i>Development (Cambridge)</i> , 2004, 131, 143-151.	1.2	83
101	Scaffolding a <i>Caenorhabditis</i> nematode genome with RNA-seq. <i>Genome Research</i> , 2010, 20, 1740-1747.	2.4	83
102	Conservation rules, their breakdown, and optimality in <i>Caenorhabditis</i> sinusoidal locomotion. <i>Journal of Theoretical Biology</i> , 2006, 242, 652-669.	0.8	82
103	Multilevel Modulation of a Sensory Motor Circuit during <i>C. elegans</i> Sleep and Arousal. <i>Cell</i> , 2014, 156, 249-260.	13.5	82
104	Reciprocal EGF signaling back to the uterus from the induced <i>C. elegans</i> vulva coordinates morphogenesis of epithelia. <i>Current Biology</i> , 1999, 9, 237-246.	1.8	80
105	WormBase: new content and better access. <i>Nucleic Acids Research</i> , 2007, 35, D506-D510.	6.5	80
106	Systems level circuit model of <i>C. elegans</i> undulatory locomotion: mathematical modeling and molecular genetics. <i>Journal of Computational Neuroscience</i> , 2008, 24, 253-276.	0.6	78
107	<i>Caenorhabditis elegans</i> Inositol 5-Phosphatase Homolog Negatively Regulates Inositol 1,4,5-Triphosphate Signaling in Ovation. <i>Molecular Biology of the Cell</i> , 2002, 13, 1641-1651.	0.9	77
108	Comparative genomics of <i>Steinernema</i> reveals deeply conserved gene regulatory networks. <i>Genome Biology</i> , 2015, 16, 200.	3.8	77

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109	Hormonal Signal Amplification Mediates Environmental Conditions during Development and Controls an Irreversible Commitment to Adulthood. <i>PLoS Biology</i> , 2012, 10, e1001306.	2.6	75
110	Nematophagous fungus <i>Arthrobotrys oligospora</i> mimics olfactory cues of sex and food to lure its nematode prey. <i>ELife</i> , 2017, 6, .	2.8	75
111	WormBase: better software, richer content. <i>Nucleic Acids Research</i> , 2006, 34, D475-D478.	6.5	74
112	The small ubiquitin-like modifier (SUMO) is required for gonadal and uterine-vulval morphogenesis in <i>Caenorhabditis elegans</i> . <i>Genes and Development</i> , 2004, 18, 2380-2391.	2.7	71
113	The <i>C. elegans</i> ROR receptor tyrosine kinase, CAM-1, non-autonomously inhibits the Wnt pathway. <i>Development (Cambridge)</i> , 2007, 134, 4053-4062.	1.2	71
114	Succinylated Octopamine Ascariosides and a New Pathway of Biogenic Amine Metabolism in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 18778-18783.	1.6	71
115	cGAL, a temperature-robust GAL4-UAS system for <i>Caenorhabditis elegans</i> . <i>Nature Methods</i> , 2017, 14, 145-148.	9.0	69
116	Ras pathways in <i>Caenorhabditis elegans</i> . <i>Current Opinion in Genetics and Development</i> , 1995, 5, 38-43.	1.5	66
117	Federated Access to Heterogeneous Information Resources in the Neuroscience Information Framework (NIF). <i>Neuroinformatics</i> , 2008, 6, 205-217.	1.5	66
118	Massively Parallel Sequencing and Analysis of the <i>Necator americanus</i> Transcriptome. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e684.	1.3	66
119	Sex-specific mating pheromones in the nematode <i>Panagrellus redivivus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20949-20954.	3.3	66
120	Entomopathogenic nematodes. <i>Current Biology</i> , 2012, 22, R430-R431.	1.8	66
121	Gene expression markers for <i>Caenorhabditis elegans</i> vulval cells. <i>Mechanisms of Development</i> , 2002, 119, S203-S209.	1.7	64
122	FMRFamide-like peptides expand the behavioral repertoire of a densely connected nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10726-E10735.	3.3	64
123	An Efficient Genome Editing Strategy To Generate Putative Null Mutants in <i>Caenorhabditis elegans</i> Using CRISPR/Cas9. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3607-3616.	0.8	64
124	A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. <i>Nucleic Acids Research</i> , 2010, 38, e171-e171.	6.5	62
125	Worm Phenotype Ontology: Integrating phenotype data within and beyond the <i>C. elegans</i> community. <i>BMC Bioinformatics</i> , 2011, 12, 32.	1.2	62
126	Distinct and Redundant Functions of β 1 Medium Chains of the AP-1 Clathrin-Associated Protein Complex in the Nematode <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2000, 11, 2743-2756.	0.9	61

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127	Pattern formation during <i>C. elegans</i> vulval induction. <i>Current Topics in Developmental Biology</i> , 2001, 51, 189-220.	1.0	61
128	Nematode-Bacterium Symbioses—Cooperation and Conflict Revealed in the <i>Age</i> . <i>Biological Bulletin</i> , 2012, 223, 85-102.	0.7	60
129	Transcriptional network underlying <i>Caenorhabditis elegans</i> vulval development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4972-4977.	3.3	59
130	Transfer characteristics of a thermosensory synapse in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9667-9672.	3.3	59
131	Coordinated morphogenesis of epithelia during development of the <i>Caenorhabditis elegans</i> uterine-vulval connection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9329-9333.	3.3	57
132	The Draft Genome and Transcriptome of <i>Panagrellus redivivus</i> Are Shaped by the Harsh Demands of a Free-Living Lifestyle. <i>Genetics</i> , 2013, 193, 1279-1295.	1.2	57
133	Intercellular Signaling and Signal Transduction in <i>C. Elegans</i> . <i>Annual Review of Genetics</i> , 1993, 27, 497-521.	3.2	56
134	A component of the transcriptional mediator complex inhibits RAS-dependent vulval fate specification in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2003, 130, 57-69.	1.2	56
135	Genetically Encoded Spy Peptide Fusion System to Detect Plasma Membrane-Localized Proteins <i>In Vivo</i> . <i>Chemistry and Biology</i> , 2015, 22, 1108-1121.	6.2	56
136	<i>C. elegans</i> EVI1 proto-oncogene, EGL-43, is necessary for Notch-mediated cell fate specification and regulates cell invasion. <i>Development (Cambridge)</i> , 2007, 134, 669-679.	1.2	54
137	The NK-2 class homeodomain factor CEH-51 and the T-box factor TBX-35 have overlapping function in <i>C. elegans</i> mesoderm development. <i>Development (Cambridge)</i> , 2009, 136, 2735-2746.	1.2	54
138	Evolution of Nematode Vulval Fate Patterning. <i>Developmental Biology</i> , 1996, 173, 396-407.	0.9	53
139	The <i>Caenorhabditis elegans</i> heterochronic gene <i>lin-29</i> coordinates the vulval—uterine—epidermal connections. <i>Current Biology</i> , 2000, 10, 1479-1488.	1.8	53
140	Metazoan Operons Accelerate Recovery from Growth-Arrested States. <i>Cell</i> , 2011, 145, 981-992.	13.5	53
141	Contrasting responses within a single neuron class enable sex-specific attraction in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1392-401.	3.3	53
142	Intercellular coupling amplifies fate segregation during <i>Caenorhabditis elegans</i> vulval development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1331-1336.	3.3	52
143	Metabolomic “Dark Matter” Dependent on Peroxisomal β^2 -Oxidation in <i>Caenorhabditis elegans</i> . <i>Journal of the American Chemical Society</i> , 2018, 140, 2841-2852.	6.6	52
144	Harmonizing model organism data in the Alliance of Genome Resources. <i>Genetics</i> , 2022, 220, .	1.2	52

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