

# Scott W Emmons

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5511972/publications.pdf>

Version: 2024-02-01

39  
papers

2,508  
citations

331670

21  
h-index

414414

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-animal connectomes of both <i>Caenorhabditis elegans</i> sexes. <i>Nature</i> , 2019, 571, 63-71.	27.8	534
2	The Connectome of a Decision-Making Neural Network. <i>Science</i> , 2012, 337, 437-444.	12.6	403
3	Mate Searching in <i>Caenorhabditis elegans</i> : A Genetic Model for Sex Drive in a Simple Invertebrate. <i>Journal of Neuroscience</i> , 2004, 24, 7427-7434.	3.6	194
4	Specification of sense-organ identity by a <i>Caenorhabditis elegans</i> Pax-6 homologue. <i>Nature</i> , 1995, 377, 55-59.	27.8	146
5	A transcription factor controlling development of peripheral sense organs in <i>C. elegans</i> . <i>Nature</i> , 1995, 373, 74-78.	27.8	128
6	Widespread occurrence of the Tc1 transposon family: Tc1-like transposons from teleost fish. <i>Molecular Genetics and Genomics</i> , 1994, 244, 606-612.	2.4	124
7	Glia-derived neurons are required for sex-specific learning in <i>C. elegans</i> . <i>Nature</i> , 2015, 526, 385-390.	27.8	110
8	PDF-1 neuropeptide signaling modulates a neural circuit for mate-searching behavior in <i>C. elegans</i> . <i>Nature Neuroscience</i> , 2012, 15, 1675-1682.	14.8	103
9	Sensory Regulation of <i>C. elegans</i> Male Mate-Searching Behavior. <i>Current Biology</i> , 2008, 18, 1865-1871.	3.9	89
10	Variable cell number in nematodes. <i>Nature</i> , 1999, 402, 253-253.	27.8	66
11	REPRODUCTIVE ISOLATION IN RHABDITIDAE (NEMATODA: SECERNENTEA); MECHANISMS THAT ISOLATE SIX SPECIES OF THREE GENERA. <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 585-594.	2.3	59
12	A multi-scale brain map derived from whole-brain volumetric reconstructions. <i>Nature</i> , 2021, 591, 105-110.	27.8	58
13	Computer Assisted Assembly of Connectomes from Electron Micrographs: Application to <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2013, 8, e54050.	2.5	50
14	Male development. <i>WormBook</i> , 2005, , 1-22.	5.3	48
15	Genetic basis of male sexual behavior. <i>Journal of Neurobiology</i> , 2003, 54, 93-110.	3.6	46
16	Neural Circuits of Sexual Behavior in <i>Caenorhabditis elegans</i> . <i>Annual Review of Neuroscience</i> , 2018, 41, 349-369.	10.7	39
17	The beginning of connectomics: a commentary on White et al. (1986) "The structure of the nervous system of the nematode <i>Caenorhabditis elegans</i> ". <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140309.	4.0	37
18	Directional Trans-Synaptic Labeling of Specific Neuronal Connections in Live Animals. <i>Genetics</i> , 2015, 200, 697-705.	2.9	34

#	ARTICLE	IF	CITATIONS
19	Multiple conserved cell adhesion protein interactions mediate neural wiring of a sensory circuit in <i>C. elegans</i> . <i>ELife</i> , 2017, 6, .	6.0	33
20	Gene Function Prediction Based on Developmental Transcriptomes of the Two Sexes in <i>C. elegans</i> . <i>Cell Reports</i> , 2016, 17, 917-928.	6.4	30
21	The connectome of the <i>Caenorhabditis elegans</i> pharynx. <i>Journal of Comparative Neurology</i> , 2020, 528, 2767-2784.	1.6	26
22	Mating, channels and kidney cysts. <i>Nature</i> , 1999, 401, 339-340.	27.8	24
23	The development of sexual dimorphism: studies of the <i>Caenorhabditis elegans</i> male. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2014, 3, 239-262.	5.9	24
24	Direct glia-to-neuron transdifferentiation gives rise to a pair of male-specific neurons that ensure nimble male mating. <i>ELife</i> , 2020, 9, .	6.0	23
25	Synaptogenesis Is Modulated by Heparan Sulfate in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2018, 209, 195-208.	2.9	22
26	Sexual Behavior of the <i>Caenorhabditis elegans</i> Male. <i>International Review of Neurobiology</i> , 2005, 69, 99-123.	2.0	15
27	Connectomics, the Final Frontier. <i>Current Topics in Developmental Biology</i> , 2016, 116, 315-330.	2.2	13
28	Methods for analyzing neuronal structure and activity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2021, 218, .	2.9	9
29	From cell fates to morphology: Developmental genetics of the <i>Caenorhabditis elegans</i> male tail. <i>BioEssays</i> , 1992, 14, 309-316.	2.5	6
30	Simple worms, complex genes. <i>Nature</i> , 1996, 382, 301-302.	27.8	6
31	The Mood of a Worm. <i>Science</i> , 2012, 338, 475-476.	12.6	6
32	Neural Circuitry That Mediates Behavior Governing the Tradeoffs Between Survival and Reproduction in <i>Caenorhabditis elegans</i> . <i>Integrative and Comparative Biology</i> , 2017, 57, 1161-1165.	2.0	2
33	Expressional artifact caused by a co-injection marker rol-6 in <i>C. elegans</i> . <i>PLoS ONE</i> , 2019, 14, e0224533.	2.5	0
34	Expressional artifact caused by a co-injection marker rol-6 in <i>C. elegans</i> . , 2019, 14, e0224533.		0
35	Expressional artifact caused by a co-injection marker rol-6 in <i>C. elegans</i> . , 2019, 14, e0224533.		0
36	Expressional artifact caused by a co-injection marker rol-6 in <i>C. elegans</i> . , 2019, 14, e0224533.		0

#	ARTICLE	IF	CITATIONS
37	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
38	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
39	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0