Scott W Emmons

List of Publications by Year
in descending order

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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	A multi-scale brain map derived from whole-brain volumetric reconstructions. Nature, 2021, 591, 105-110.	27.8	58
2	Methods for analyzing neuronal structure and activity in Caenorhabditis elegans. Genetics, 2021, 218, .	2.9	9
3	The connectome of the <scp>Caenorhabditis elegans</scp> pharynx. Journal of Comparative Neurology, 2020, 528, 2767-2784.	1.6	26
4	Direct glia-to-neuron transdifferentiation gives rise to a pair of male-specific neurons that ensure nimble male mating. ELife, 2020, 9, .	6.0	23
5	Whole-animal connectomes of both Caenorhabditis elegans sexes. Nature, 2019, 571, 63-71.	27.8	534
6	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. PLoS ONE, 2019, 14, e0224533.	2.5	0
7	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
8	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
9	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
10	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
11	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
12	Expressional artifact caused by a co-injection marker rol-6 in C. elegans. , 2019, 14, e0224533.		0
13	Synaptogenesis Is Modulated by Heparan Sulfate inCaenorhabditis elegans. Genetics, 2018, 209, 195-208.	2.9	22
14	Neural Circuits of Sexual Behavior in Caenorhabditis elegans. Annual Review of Neuroscience, 2018, 41, 349-369.	10.7	39
15	Neural Circuitry That Mediates Behavior Governing the Tradeoffs Between Survival and Reproduction in Caenorhabditis elegans. Integrative and Comparative Biology, 2017, 57, 1161-1165.	2.0	2
16	Multiple conserved cell adhesion protein interactions mediate neural wiring of a sensory circuit in C. elegans. ELife, 2017, 6, .	6.0	33
17	Gene Function Prediction Based on Developmental Transcriptomes of the Two Sexes in C.Âelegans. Cell Reports, 2016, 17, 917-928.	6.4	30
18	Connectomics, the Final Frontier. Current Topics in Developmental Biology, 2016, 116, 315-330.	2.2	13

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19	Directional Trans-Synaptic Labeling of Specific Neuronal Connections in Live Animals. Genetics, 2015, 200, 697-705.	2.9	34
20	The beginning of connectomics: a commentary on Whiteet al.(1986) â€˜The structure of the nervous system of the nematodeCaenorhabditis elegansâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140309.	4.0	37
21	Glia-derived neurons are required for sex-specific learning in C. elegans. Nature, 2015, 526, 385-390.	27.8	110
22	The development of sexual dimorphism: studies of the <scp>Caenorhabditis</scp> elegans male. Wiley Interdisciplinary Reviews: Developmental Biology, 2014, 3, 239-262.	5.9	24
23	Computer Assisted Assembly of Connectomes from Electron Micrographs: Application to Caenorhabditis elegans. PLoS ONE, 2013, 8, e54050.	2.5	50
24	PDF-1 neuropeptide signaling modulates a neural circuit for mate-searching behavior in C. elegans. Nature Neuroscience, 2012, 15, 1675-1682.	14.8	103
25	The Mood of a Worm. Science, 2012, 338, 475-476.	12.6	6
26	The Connectome of a Decision-Making Neural Network. Science, 2012, 337, 437-444.	12.6	403
27	Sensory Regulation of C. elegans Male Mate-Searching Behavior. Current Biology, 2008, 18, 1865-1871.	3.9	89
28	Sexual Behavior of the Caenorhabditis elegans Male. International Review of Neurobiology, 2005, 69, 99-123.	2.0	15
29	Male development. WormBook, 2005, , 1-22.	5.3	48
30	Mate Searching in Caenorhabditis elegans: A Genetic Model for Sex Drive in a Simple Invertebrate. Journal of Neuroscience, 2004, 24, 7427-7434.	3.6	194
31	Genetic basis of male sexual behavior. Journal of Neurobiology, 2003, 54, 93-110.	3.6	46
32	Mating, channels and kidney cysts. Nature, 1999, 401, 339-340.	27.8	24
33	Variable cell number in nematodes. Nature, 1999, 402, 253-253.	27.8	66
34	Simple worms, complex genes. Nature, 1996, 382, 301-302.	27.8	6
35	A transcription factor controlling development of peripheral sense organs in C. elegans. Nature, 1995, 373, 74-78.	27.8	128
36	Specification of sense-organ identity by a Caenorhabditis elegans Pax-6 homologue. Nature, 1995, 377, 55-59.	27.8	146

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37	Widespread occurrence of the Tc1 transposon family: Tc1-like transposons from teleost fish. Molecular Genetics and Genomics, 1994, 244, 606-612.	2.4	124
38	REPRODUCTIVE ISOLATION IN RHABDITIDAE (NEMATODA: SECERNENTEA); MECHANISMS THAT ISOLATE SIX SPECIES OF THREE GENERA. Evolution; International Journal of Organic Evolution, 1992, 46, 585-594.	2.3	59
39	From cell fates to morphology: Developmental genetics of theCaenorhabditis elegans male tail. BioEssays, 1992, 14, 309-316.	2.5	6