

William R Schafer

List of Publications by Year in descending order

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126
papers

10,460
citations

31976

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39675

94
g-index

142
all docs

142
docs citations

142
times ranked

8111
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines on nicotine dose selection for in vivo research. <i>Psychopharmacology</i> , 2007, 190, 269-319. | 3.1 | 694 |
| 2 | Protein Prenylation: Genes, Enzymes, Targets, and Functions. <i>Annual Review of Genetics</i> , 1992, 26, 209-237. | 7.6 | 367 |
| 3 | Optical Imaging of Calcium Transients in Neurons and Pharyngeal Muscle of <i>C. elegans</i> . <i>Neuron</i> , 2000, 26, 583-594. | 8.1 | 364 |
| 4 | A calcium-channel homologue required for adaptation to dopamine and serotonin in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 1995, 375, 73-78. | 27.8 | 296 |
| 5 | In vivo imaging of <i>C. elegans</i> ASH neurons: cellular response and adaptation to chemical repellents. <i>EMBO Journal</i> , 2005, 24, 63-72. | 7.8 | 293 |
| 6 | The Insulin/PI 3-Kinase Pathway Regulates Salt Chemotaxis Learning in <i>Caenorhabditis elegans</i> . <i>Neuron</i> , 2006, 51, 613-625. | 8.1 | 285 |
| 7 | A database of <i>Caenorhabditis elegans</i> behavioral phenotypes. <i>Nature Methods</i> , 2013, 10, 877-879. | 19.0 | 280 |
| 8 | Network control principles predict neuron function in the <i>Caenorhabditis elegans</i> connectome. <i>Nature</i> , 2017, 550, 519-523. | 27.8 | 279 |
| 9 | The Rich Club of the <i>C. elegans</i> Neuronal Connectome. <i>Journal of Neuroscience</i> , 2013, 33, 6380-6387. | 3.6 | 265 |
| 10 | In Vivo Imaging of <i>C. elegans</i> Mechanosensory Neurons Demonstrates a Specific Role for the MEC-4 Channel in the Process of Gentle Touch Sensation. <i>Neuron</i> , 2003, 39, 1005-1017. | 8.1 | 263 |
| 11 | Specific roles for DEG/ENaC and TRP channels in touch and thermosensation in <i>C. elegans</i> nociceptors. <i>Nature Neuroscience</i> , 2010, 13, 861-868. | 14.8 | 225 |
| 12 | Control of Alternative Behavioral States by Serotonin in <i>Caenorhabditis elegans</i> . <i>Neuron</i> , 1998, 21, 203-214. | 8.1 | 222 |
| 13 | Proprioceptive Coupling within Motor Neurons Drives <i>C. elegans</i> Forward Locomotion. <i>Neuron</i> , 2012, 76, 750-761. | 8.1 | 219 |
| 14 | <i>C. elegans</i> TRP Family Protein TRP-4 Is a Pore-Forming Subunit of a Native Mechanotransduction Channel. <i>Neuron</i> , 2010, 67, 381-391. | 8.1 | 216 |
| 15 | Functional asymmetry in <i>Caenorhabditis elegans</i> taste neurons and its computational role in chemotaxis. <i>Nature</i> , 2008, 454, 114-117. | 27.8 | 209 |
| 16 | <i>Caenorhabditis elegans</i> TRPA-1 functions in mechanosensation. <i>Nature Neuroscience</i> , 2007, 10, 568-577. | 14.8 | 202 |
| 17 | A dictionary of behavioral motifs reveals clusters of genes affecting <i>Caenorhabditis elegans</i> locomotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 791-796. | 7.1 | 196 |
| 18 | Dopamine modulates the plasticity of mechanosensory responses in <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 2004, 23, 473-482. | 7.8 | 190 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The Multilayer Connectome of <i>Caenorhabditis elegans</i> . <i>PLoS Computational Biology</i> , 2016, 12, e1005283. | 3.2 | 170 |
| 20 | Specific Polyunsaturated Fatty Acids Drive TRPV-Dependent Sensory Signaling In Vivo. <i>Cell</i> , 2004, 119, 889-900. | 28.9 | 160 |
| 21 | Identification and characterization of novel nicotinic receptor-associated proteins in <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 2005, 24, 2566-2578. | 7.8 | 160 |
| 22 | Dopamine Mediates Context-Dependent Modulation of Sensory Plasticity in <i>C. elegans</i> . <i>Neuron</i> , 2007, 55, 662-676. | 8.1 | 150 |
| 23 | <i>C. elegans</i> multi-dendritic sensory neurons: Morphology and function. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 308-317. | 2.2 | 147 |
| 24 | <i>eat-2</i> and <i>eat-18</i> Are Required for Nicotinic Neurotransmission in the <i>Caenorhabditis elegans</i> Pharynx. <i>Genetics</i> , 2004, 166, 161-169. | 2.9 | 143 |
| 25 | Automatic Tracking, Feature Extraction and Classification of <i>C. elegans</i> Phenotypes. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1811-1820. | 4.2 | 140 |
| 26 | Serotonin modulates locomotory behavior and coordinates egg-laying and movement in <i>Caenorhabditis elegans</i> . <i>Journal of Neurobiology</i> , 2001, 49, 303-313. | 3.6 | 133 |
| 27 | The neurotoxic MEC-4(d) DEG/ENaC sodium channel conducts calcium: implications for necrosis initiation. <i>Nature Neuroscience</i> , 2004, 7, 1337-1344. | 14.8 | 126 |
| 28 | <i>tmc-1</i> encodes a sodium-sensitive channel required for salt chemosensation in <i>C. elegans</i> . <i>Nature</i> , 2013, 494, 95-99. | 27.8 | 126 |
| 29 | Food sensitizes <i>C. elegans</i> avoidance behaviours through acute dopamine signalling. <i>EMBO Journal</i> , 2011, 30, 1110-1122. | 7.8 | 124 |
| 30 | Using machine vision to analyze and classify <i>Caenorhabditis elegans</i> behavioral phenotypes quantitatively. <i>Journal of Neuroscience Methods</i> , 2002, 118, 9-21. | 2.5 | 121 |
| 31 | CIB2 interacts with TMC1 and TMC2 and is essential for mechanotransduction in auditory hair cells. <i>Nature Communications</i> , 2017, 8, 43. | 12.8 | 121 |
| 32 | Analysis of NPR-1 Reveals a Circuit Mechanism for Behavioral Quiescence in <i>C. elegans</i> . <i>Neuron</i> , 2013, 78, 869-880. | 8.1 | 115 |
| 33 | A Putative Cation Channel, NCA-1, and a Novel Protein, UNC-80, Transmit Neuronal Activity in <i>C. elegans</i> . <i>PLoS Biology</i> , 2008, 6, e55. | 5.6 | 109 |
| 34 | The <i>C. elegans</i> glycosyltransferase BUS-8 has two distinct and essential roles in epidermal morphogenesis. <i>Developmental Biology</i> , 2008, 317, 549-559. | 2.0 | 104 |
| 35 | Sensory Neuron Fates Are Distinguished by a Transcriptional Switch that Regulates Dendrite Branch Stabilization. <i>Neuron</i> , 2013, 79, 266-280. | 8.1 | 104 |
| 36 | Genetics of Egg-Laying in Worms. <i>Annual Review of Genetics</i> , 2006, 40, 487-509. | 7.6 | 98 |

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|----|--|------|-----------|
| 37 | An imaging system for standardized quantitative analysis of <i>C. elegans</i> behavior. BMC Bioinformatics, 2004, 5, 115. | 2.6 | 97 |
| 38 | An open-source platform for analyzing and sharing worm-behavior data. Nature Methods, 2018, 15, 645-646. | 19.0 | 93 |
| 39 | A Self-Regulating Feed-Forward Circuit Controlling <i>C. elegans</i> Egg-Laying Behavior. Current Biology, 2008, 18, 1445-1455. | 3.9 | 89 |
| 40 | Effect of a Neuropeptide Gene on Behavioral States in <i>Caenorhabditis elegans</i> Egg-Laying. Genetics, 2000, 154, 1181-1192. | 2.9 | 89 |
| 41 | Serotonin and Go Modulate Functional States of Neurons and Muscles Controlling <i>C. elegans</i> Egg-Laying Behavior. Current Biology, 2003, 13, 1910-1915. | 3.9 | 88 |
| 42 | G Protein-Coupled Receptor Kinase Function Is Essential for Chemosensation in <i>C. elegans</i> . Neuron, 2004, 42, 581-593. | 8.1 | 87 |
| 43 | Automated imaging of neuronal activity in freely behaving <i>Caenorhabditis elegans</i> . Journal of Neuroscience Methods, 2010, 187, 229-234. | 2.5 | 83 |
| 44 | Long-Term Nicotine Adaptation in <i>Caenorhabditis elegans</i> Involves PKC-Dependent Changes in Nicotinic Receptor Abundance. Journal of Neuroscience, 2000, 20, 8802-8811. | 3.6 | 79 |
| 45 | Egg-laying. WormBook, 2005, , 1-7. | 5.3 | 75 |
| 46 | Lateral Facilitation between Primary Mechanosensory Neurons Controls Nose Touch Perception in <i>C. elegans</i> . Neuron, 2011, 70, 299-309. | 8.1 | 74 |
| 47 | A glial DEG/ENaC channel functions with neuronal channel DEG-1 to mediate specific sensory functions in <i>C. elegans</i> . EMBO Journal, 2008, 27, 2388-2399. | 7.8 | 73 |
| 48 | Deciphering the Neural and Molecular Mechanisms of <i>C. elegans</i> Behavior. Current Biology, 2005, 15, R723-R729. | 3.9 | 68 |
| 49 | Phase transition in the economically modeled growth of a cellular nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7880-7885. | 7.1 | 67 |
| 50 | Machine vision based detection of omega bends and reversals in <i>C. elegans</i> . Journal of Neuroscience Methods, 2006, 158, 323-336. | 2.5 | 65 |
| 51 | Regulation of nicotinic receptor trafficking by the transmembrane Golgi protein UNC-50. EMBO Journal, 2007, 26, 4313-4323. | 7.8 | 65 |
| 52 | The Bright Fluorescent Protein mNeonGreen Facilitates Protein Expression Analysis <i>In Vivo</i> . G3: Genes, Genomes, Genetics, 2017, 7, 607-615. | 1.8 | 62 |
| 53 | Quantitative Classification and Natural Clustering of <i>Caenorhabditis elegans</i> Behavioral Phenotypes. Genetics, 2003, 165, 1117-1126. | 2.9 | 62 |
| 54 | Genes Affecting Sensitivity to Serotonin in <i>Caenorhabditis elegans</i> . Genetics, 1996, 143, 1219-1230. | 2.9 | 60 |

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|----|--|------|-----------|
| 55 | C. elegans G Protein Regulator RGS-3 Controls Sensitivity to Sensory Stimuli. <i>Neuron</i> , 2007, 53, 39-52. | 8.1 | 59 |
| 56 | Stochastic Blockmodeling of the Modules and Core of the <i>Caenorhabditis elegans</i> Connectome. <i>PLoS ONE</i> , 2014, 9, e97584. | 2.5 | 59 |
| 57 | Mechanosensory molecules and circuits in <i>C. elegans</i> . <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 39-48. | 2.8 | 59 |
| 58 | Genes Affecting the Activity of Nicotinic Receptors Involved in <i>Caenorhabditis elegans</i> Egg-Laying Behavior. <i>Genetics</i> , 2001, 157, 1599-1610. | 2.9 | 57 |
| 59 | Changes in Postural Syntax Characterize Sensory Modulation and Natural Variation of <i>C. elegans</i> Locomotion. <i>PLoS Computational Biology</i> , 2015, 11, e1004322. | 3.2 | 55 |
| 60 | How Do Antidepressants Work? Prospects for Genetic Analysis of Drug Mechanisms. <i>Cell</i> , 1999, 98, 551-554. | 28.9 | 53 |
| 61 | Effects of voltage-gated calcium channel subunit genes on calcium influx in cultured <i>C. elegans</i> mechanosensory neurons. <i>Journal of Neurobiology</i> , 2006, 66, 1125-1139. | 3.6 | 50 |
| 62 | Automated and controlled mechanical stimulation and functional imaging in vivo in <i>C. elegans</i> . <i>Lab on a Chip</i> , 2017, 17, 2609-2618. | 6.0 | 49 |
| 63 | An Afferent Neuropeptide System Transmits Mechanosensory Signals Triggering Sensitization and Arousal in <i>C. elegans</i> . <i>Neuron</i> , 2018, 99, 1233-1246.e6. | 8.1 | 49 |
| 64 | Nematode nervous systems. <i>Current Biology</i> , 2016, 26, R955-R959. | 3.9 | 48 |
| 65 | A consistent muscle activation strategy underlies crawling and swimming in <i>Caenorhabditis elegans</i> . <i>Journal of the Royal Society Interface</i> , 2015, 12, 20140963. | 3.4 | 47 |
| 66 | Voltage-Gated Calcium Channels Direct Neuronal Migration in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2000, 226, 104-117. | 2.0 | 46 |
| 67 | A Gap Junction Circuit Enhances Processing of Coincident Mechanosensory Inputs. <i>Current Biology</i> , 2013, 23, 963-967. | 3.9 | 45 |
| 68 | Ankyrin Is An Intracellular Tether for TMC Mechanotransduction Channels. <i>Neuron</i> , 2020, 107, 112-125.e10. | 8.1 | 45 |
| 69 | Visualization of integral and peripheral cell surface proteins in live <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience Methods</i> , 2006, 154, 68-79. | 2.5 | 44 |
| 70 | Rewiring neural circuits by the insertion of ectopic electrical synapses in transgenic <i>C. elegans</i> . <i>Nature Communications</i> , 2014, 5, 4442. | 12.8 | 43 |
| 71 | Sensory Neurons Arouse <i>C. elegans</i> Locomotion via Both Glutamate and Neuropeptide Release. <i>PLoS Genetics</i> , 2015, 11, e1005359. | 3.5 | 41 |
| 72 | Neuropeptidergic Signaling and Active Feeding State Inhibit Nociception in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2016, 36, 3157-3169. | 3.6 | 41 |

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|----|---|-----|-----------|
| 73 | Serotonin Promotes Go-Dependent Neuronal Migration in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2002, 12, 1738-1747. | 3.9 | 33 |
| 74 | Intracellular Ca ²⁺ Imaging in <i>C. elegans</i> . , 2006, 351, 253-264. | | 32 |
| 75 | Automated Imaging of <i>C. elegans</i> Behavior. , 2006, 351, 241-252. | | 31 |
| 76 | Spatial Asymmetry in the Mechanosensory Phenotypes of the <i>C. elegans</i> DEG/ENaC Gene <i>mec-10</i> . <i>Journal of Neurophysiology</i> , 2010, 104, 3334-3344. | 1.8 | 30 |
| 77 | The Voltage-Gated Anion Channels Encoded by <i>clh-3</i> Regulate Egg Laying in <i>C. elegans</i> by Modulating Motor Neuron Excitability. <i>Journal of Neuroscience</i> , 2014, 34, 764-775. | 3.6 | 29 |
| 78 | A Seven-Transmembrane Receptor That Mediates Avoidance Response to Dihydrocaffeic Acid, a Water-Soluble Repellent in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2011, 31, 16603-16610. | 3.6 | 28 |
| 79 | Neuropeptides encoded by <i>nlp-49</i> modulate locomotion, arousal and egg-laying behaviours in <i>Caenorhabditis elegans</i> via the receptor SEB-3. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170368. | 4.0 | 28 |
| 80 | Automated detection and analysis of foraging behavior in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience Methods</i> , 2008, 171, 153-164. | 2.5 | 27 |
| 81 | Inositol 1,4,5-Trisphosphate Signalling Regulates the Avoidance Response to Nose Touch in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2009, 5, e1000636. | 3.5 | 26 |
| 82 | <i>Caenorhabditis elegans</i> nicotinic acetylcholine receptors are required for nociception. <i>Molecular and Cellular Neurosciences</i> , 2014, 59, 85-96. | 2.2 | 26 |
| 83 | On-chip functional neuroimaging with mechanical stimulation in <i>Caenorhabditis elegans</i> larvae for studying development and neural circuits. <i>Lab on A Chip</i> , 2018, 18, 601-609. | 6.0 | 26 |
| 84 | Neuropeptide-Driven Cross-Modal Plasticity following Sensory Loss in <i>Caenorhabditis elegans</i> . <i>PLoS Biology</i> , 2016, 14, e1002348. | 5.6 | 26 |
| 85 | Addiction research in a simple animal model: the nematode <i>Caenorhabditis elegans</i> . <i>Neuropharmacology</i> , 2004, 47, 123-131. | 4.1 | 25 |
| 86 | Tyramine Acts Downstream of Neuronal XBP-1s to Coordinate Inter-tissue UPRER Activation and Behavior in <i>C. elegans</i> . <i>Developmental Cell</i> , 2020, 55, 754-770.e6. | 7.0 | 25 |
| 87 | Locomotion analysis identifies roles of mechanosensory neurons in governing locomotion dynamics of <i>C. elegans</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 3639-48. | 1.7 | 23 |
| 88 | <i>Caenorhabditis elegans</i> and the network control frameworkâ€”FAQs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170372. | 4.0 | 23 |
| 89 | Neurophysiological methods in <i>C. elegans</i> : an introduction. <i>WormBook</i> , 2006, , 1-4. | 5.3 | 22 |
| 90 | Distinct roles for innexin gap junctions and hemichannels in mechanosensation. <i>ELife</i> , 2020, 9, . | 6.0 | 19 |

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|-----|---|------|-----------|
| 91 | Chemosensory Neurons Modulate the Response to Oomycete Recognition in <i>Caenorhabditis elegans</i> . <i>Cell Reports</i> , 2021, 34, 108604. | 6.4 | 17 |
| 92 | Preparation of Samples for Single-Worm Tracking. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot066993. | 0.3 | 16 |
| 93 | PACRG, a protein linked to ciliary motility, mediates cellular signaling. <i>Molecular Biology of the Cell</i> , 2016, 27, 2133-2144. | 2.1 | 16 |
| 94 | A circuit model of the temporal pattern generator of <i>Caenorhabditis</i> egg-laying behavior. <i>BMC Systems Biology</i> , 2010, 4, 81. | 3.0 | 14 |
| 95 | Recordings of <i>Caenorhabditis elegans</i> locomotor behaviour following targeted ablation of single motoneurons. <i>Scientific Data</i> , 2017, 4, 170156. | 5.3 | 14 |
| 96 | The Worm Connectome: Back to the Future. <i>Trends in Neurosciences</i> , 2018, 41, 763-765. | 8.6 | 14 |
| 97 | Multimodal Stimulation in a Microfluidic Device Facilitates Studies of Interneurons in Sensory Integration in <i>C. elegans</i> . <i>Small</i> , 2020, 16, e1905852. | 10.0 | 13 |
| 98 | Sleep Analysis in Adult <i>C. elegans</i> Reveals State-Dependent Alteration of Neural and Behavioral Responses. <i>Journal of Neuroscience</i> , 2021, 41, 1892-1907. | 3.6 | 13 |
| 99 | Deorphanization of novel biogenic amine-gated ion channels identifies a new serotonin receptor for learning. <i>Current Biology</i> , 2021, 31, 4282-4292.e6. | 3.9 | 13 |
| 100 | AUTOMATED TRACKING OF MULTIPLE <i>C. ELEGANS</i> WITH ARTICULATED MODELS. , 2007, , . | | 12 |
| 101 | Worms With a Single Functional Sensory Cilium Generate Proper Neuron-Specific Behavioral Output. <i>Genetics</i> , 2009, 183, 595-605. | 2.9 | 12 |
| 102 | Genetic analysis of nicotinic signaling in worms and flies. <i>Journal of Neurobiology</i> , 2002, 53, 535-541. | 3.6 | 11 |
| 103 | Oxygen Homeostasis: How the Worm Adapts to Variable Oxygen Levels. <i>Current Biology</i> , 2008, 18, R559-R560. | 3.9 | 11 |
| 104 | Engineering new synaptic connections in the <i>C. elegans</i> connectome. <i>Worm</i> , 2015, 4, e992668. | 1.0 | 11 |
| 105 | PKG and the Neural Basis for Behavioral Phenotypes. <i>Neuron</i> , 2002, 36, 991-993. | 8.1 | 10 |
| 106 | Proprioception: A Channel for Body Sense in the Worm. <i>Current Biology</i> , 2006, 16, R509-R511. | 3.9 | 10 |
| 107 | EFHC1, implicated in juvenile myoclonic epilepsy, functions at the cilium and synapse to modulate dopamine signaling. <i>ELife</i> , 2019, 8, . | 6.0 | 10 |
| 108 | Identification of a Conserved, Orphan G Protein-Coupled Receptor Required for Efficient Pathogen Clearance in <i>Caenorhabditis elegans</i> . <i>Infection and Immunity</i> , 2019, 87, . | 2.2 | 10 |

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|-----|--|------|-----------|
| 109 | Caenorhabditis elegans Egg-Laying Detection and Behavior Study Using Image Analysis. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1. | 1.7 | 8 |
| 110 | Using Articulated Models for Tracking Multiple C. elegans in Physical Contact. Journal of Signal Processing Systems, 2009, 55, 113-126. | 2.1 | 8 |
| 111 | Illumination for Worm Tracking and Behavioral Imaging: Figure 1.. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot067009. | 0.3 | 6 |
| 112 | Genetics of Behavior in <i>C. elegans</i> . , 0, , 151-170. | | 6 |
| 113 | Distinct roles for two Caenorhabditis elegans acid-sensing ion channels in an ultradian clock. ELife, 0, 11, . | 6.0 | 6 |
| 114 | Neuropeptide signalling shapes feeding and reproductive behaviours in male <i>Caenorhabditis elegans</i> . Life Science Alliance, 2022, 5, e202201420. | 2.8 | 5 |
| 115 | Unrestrained worms bridled by the light. Nature Methods, 2011, 8, 129-130. | 19.0 | 3 |
| 116 | Tackling thermosensation with multidimensional phenotyping. BMC Biology, 2012, 10, 91. | 3.8 | 3 |
| 117 | Neuropeptide Signaling: From the Gut. Current Biology, 2013, 23, R481-R483. | 3.9 | 3 |
| 118 | Neuronal remodeling on the evolutionary timescale. Journal of Biology, 2008, 7, 37. | 2.7 | 2 |
| 119 | In vivo imaging of C. elegans ASH neurons: cellular response and adaptation to chemical repellents. EMBO Journal, 2005, 24, 1489-1489. | 7.8 | 1 |
| 120 | Automated Detection and Analysis of Foraging Behavior in C. elegans. , 2008, , . | | 1 |
| 121 | A network for swimming. ELife, 2017, 6, . | 6.0 | 1 |
| 122 | A glial DEG/ENaC channel functions with neuronal channel DEG-1 to mediate specific sensory functions in C. elegans. EMBO Journal, 2008, 27, 2638-2638. | 7.8 | 0 |
| 123 | Automated behavioural fingerprinting of Caenorhabditis elegans mutants. , 0, , 234-256. | | 0 |
| 124 | Dopamine helps worms deal with stress. EMBO Journal, 2016, 35, 1851-1852. | 7.8 | 0 |
| 125 | A mutation in a CLC anion channel alters serotonergic neuronal activity in C. elegans. FASEB Journal, 2012, 26, 884.5. | 0.5 | 0 |
| 126 | 6 Optogenetic actuation, inhibition, modulation and readout for neuronal networks generating behavior in the nematode Caenorhabditis elegans. , 2013, , 61-78. | | 0 |