# Joshua M Kaplan

List of Publications by Year
in descending order



| 21 | 2,507 | 623574 | 713332 |
|---|---|---|---|
| papers | citations | 14 h-index | 21 g-index |

| 33 | 33 | 33 | 2875 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mutations in ACTN4, encoding Î±-actinin-4, cause familial focal segmental glomerulosclerosis. Nature Genetics, 2000, 24, 251-256. | 9.4 | 1,124 |
| 2 | Synaptic code for sensory modalities revealed by C. elegans GLR-1 glutamate receptor. Nature, 1995, 378, 82-85. | 13.7 | 389 |
| 3 | Antagonistic Regulation of Synaptic Vesicle Priming by Tomosyn and UNC-13. Neuron, 2006, 51, 303-315. | 3.8 | 142 |
| 4 | Factors regulating the abundance and localization of synaptobrevin in the plasma membrane. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11399-11404. | 3.3 | 132 |
| 5 | An RNAi Screen Identifies Genes that Regulate GABA Synapses. Neuron, 2008, 58, 346-361. | 3.8 | 121 |
| 6 | The Neuropeptides FLP-2 and PDF-1 Act in Concert To Arouse Caenorhabditis elegans Locomotion. Genetics, 2016, 204, 1151-1159. | 1.2 | 96 |
| 7 | Neurexin and Neuroligin Mediate Retrograde Synaptic Inhibition in C. elegans. Science, 2012, 337, 980-984. | 6.0 | 94 |
| 8 | Retrograde Synaptic Inhibition Is Mediated by Î±-Neurexin Binding to the Î±2Î´ Subunits of N-Type Calcium Channels. Neuron, 2017, 95, 326-340.e5. | 3.8 | 91 |
| 9 | UNC-13L, UNC-13S, and Tomosyn form a protein code for fast and slow neurotransmitter release in Caenorhabditis elegans. ELife, 2013, 2, e00967. | 2.8 | 76 |
| 10 | Sensory Neurons Arouse C. elegans Locomotion via Both Glutamate and Neuropeptide Release. PLoS Genetics, 2015, 11, e1005359. | 1.5 | 41 |
| 11 | Thioredoxin shapes the C. elegans sensory response to Pseudomonas produced nitric oxide. ELife, 2018, 7, . | 2.8 | 41 |
| 12 | A network of autism linked genes stabilizes two pools of synaptic GABAA receptors. ELife, 2015, 4, e09648. | 2.8 | 39 |
| 13 | NLP-12 Engages Different UNC-13 Proteins to Potentiate Tonic and Evoked Release. Journal of Neuroscience, 2015, 35, 1038-1042. | 1.7 | 21 |
| 14 | Heterodimerization of UNC-13/RIM regulates synaptic vesicle release probability but not priming in C. elegans. ELife, 2019, 8, . | 2.8 | 21 |
| 15 | A Hyperactive Form of unc-13 Enhances Ca2+ Sensitivity and Synaptic Vesicle Release Probability in C.Âelegans. Cell Reports, 2019, 28, 2979-2995.e4. | 2.9 | 17 |
| 16 | Shank is a dose-dependent regulator of Cav1 calcium current and CREB target expression. ELife, 2017, 6, . | 2.8 | 16 |
| 17 | Axonal Mitochondria Modulate Neuropeptide Secretion Through the Hypoxic Stress Response in Caenorhabditis elegans. Genetics, 2018, 210, 275-285. | 1.2 | 13 |
| 18 | Male pheromones modulate synaptic transmission at the C. elegans neuromuscular junction in a sexually dimorphic manner. ELife, 2021, 10, . | 2.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Caenorhabditis elegans junctophilin has tissue-specific functions and regulates neurotransmission with extended-synaptotagmin. Genetics, 2021, 218, . | 1.2 | 9 |
| 20 | Presynaptic GÎ±o (GOA-1) signals to depress command neuron excitability and allow stretch-dependent modulation of egg laying in Caenorhabditis elegans. Genetics, 2021, 218, . | 1.2 | 8 |
| 21 | Shank promotes action potential repolarization by recruiting BK channels to calcium microdomains. ELife, 2022, 11, . | 2.8 | 2 |