

# Pauline Phelan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6868754/publications.pdf>

Version: 2024-02-01

17  
papers

1,444  
citations

567281

15  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1036  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Central cholinergic synaptic vesicle loading obeys the set-point model in <i>Drosophila</i> . Journal of Neurophysiology, 2016, 115, 843-850.   | 1.8  | 7         |
| 2  | Swept source optical coherence tomography Gabor fusion splicing technique for microscopy of thick samples using a deformable mirror. Journal of Biomedical Optics, 2015, 20, 016012.  | 2.6  | 6         |
| 3  | Innexins OGRE and Inx2 are required in glial cells for normal postembryonic development of the <i>Drosophila</i> central nervous system. Journal of Cell Science, 2013, 126, 3823-34. | 2.0  | 52        |
| 4  | Tryptophan Scanning Mutagenesis of the First Transmembrane Domain of the Innexin Shaking-B (Lethal). Biophysical Journal, 2011, 101, 2408-2416.                                       | 0.5  | 27        |
| 5  | Molecular Mechanism of Rectification at Identified Electrical Synapses in the <i>Drosophila</i> Giant Fiber System. Current Biology, 2008, 18, 1955-1960.                             | 3.9  | 127       |
| 6  | Making an escape: Development and function of the <i>Drosophila</i> giant fibre system. Seminars in Cell and Developmental Biology, 2006, 17, 31-41.                                  | 5.0  | 149       |
| 7  | Functional gap junction genes are encoded by insect viruses. Current Biology, 2005, 15, R491-R492.  | 3.9  | 30        |
| 8  | Innexins: members of an evolutionarily conserved family of gap-junction proteins. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1711, 225-245.                                  | 2.6  | 227       |
| 9  | Connexins, innexins and pannexins: Bridging the communication gap. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1719, 3-5.   | 2.6  | 34        |
| 10 | Gap junctions in <i>Drosophila</i> : developmental expression of the entire innexin gene family. Mechanisms of Development, 2002, 113, 197-205.                                       | 1.7  | 128       |
| 11 | Innexins get into the gap. BioEssays, 2001, 23, 388-396.  | 2.5  | 210       |
| 12 | Two <i>Drosophila</i> Innexins Are Expressed in Overlapping Domains and Cooperate to Form Gap-Junction Channels. Molecular Biology of the Cell, 2000, 11, 2459-2470.                  | 2.1  | 72        |
| 13 | Chapter 19: Gap Junction Communication in Invertebrates: The Innexin Gene Family. Current Topics in Membranes, 1999, , 389-422.   | 0.9  | 15        |
| 14 | <i>Drosophila</i> Shaking-B protein forms gap junctions in paired <i>Xenopus</i> oocytes. Nature, 1998, 391, 181-184.   | 27.8 | 147       |
| 15 | Innexins: a family of invertebrate gap-junction proteins. Trends in Genetics, 1998, 14, 348-349.  | 6.7  | 167       |
| 16 | Characterisation of high-affinity and low-affinity receptors for ciliary neurotrophic factor. FEBS Journal, 1993, 218, 1031-1039.   | 0.2  | 19        |
| 17 | Widespread Distribution of Synaptophysin, a Synaptic Vesicle Glycoprotein, in Growing Neurites and Growth Cones. European Journal of Neuroscience, 1992, 4, 1180-1190.                | 2.6  | 27        |