

Pauline Phelan

List of Publications by Year in descending order

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