

Ji-Jie Pang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

937
citations

687363

13
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Evoked Excitatory and Inhibitory Synaptic Inputs to ON and OFF $\hat{\pm}$ Ganglion Cells in the Mouse Retina. <i>Journal of Neuroscience</i> , 2003, 23, 6063-6073.	3.6	223
2	Elevated intraocular pressure decreases response sensitivity of inner retinal neurons in experimental glaucoma mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2593-2598.	7.1	81
3	Direct rod input to cone BCs and direct cone input to rod BCs challenge the traditional view of mammalian BC circuitry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 395-400.	7.1	73
4	Light-evoked current responses in rod bipolar cells, cone depolarizing bipolar cells and All amacrine cells in dark-adapted mouse retina. <i>Journal of Physiology</i> , 2004, 558, 897-912.	2.9	71
5	Relative contributions of rod and cone bipolar cell inputs to All amacrine cell light responses in the mouse retina. <i>Journal of Physiology</i> , 2007, 580, 397-410.	2.9	63
6	Stratum-by-stratum projection of light response attributes by retinal bipolar cells of <i>Ambystoma</i> . <i>Journal of Physiology</i> , 2004, 558, 249-262.	2.9	51
7	Segregation and Integration of Visual Channels: Layer-by-Layer Computation of ON $\hat{\pm}$ OFF Signals by Amacrine Cell Dendrites. <i>Journal of Neuroscience</i> , 2002, 22, 4693-4701.	3.6	48
8	Light responses and morphology of bNOS $\hat{\pm}$ immunoreactive neurons in the mouse retina. <i>Journal of Comparative Neurology</i> , 2010, 518, 2456-2474.	1.6	45
9	How do tonic glutamatergic synapses evade receptor desensitization?. <i>Journal of Physiology</i> , 2008, 586, 2889-2902.	2.9	42
10	Morphology and Immunoreactivity of Retrogradely Double-Labeled Ganglion Cells in the Mouse Retina. , 2011, 52, 4886.		42
11	Cross-talk between ON and OFF channels in the salamander retina: Indirect bipolar cell inputs to ON $\hat{\pm}$ OFF ganglion cells. <i>Vision Research</i> , 2007, 47, 384-392.	1.4	30
12	Rod, M $\hat{\pm}$ cone and M/S $\hat{\pm}$ cone inputs to hyperpolarizing bipolar cells in the mouse retina. <i>Journal of Physiology</i> , 2012, 590, 845-854.	2.9	29
13	The Effect of PKC $\hat{\pm}$ on the Light Response of Rod Bipolar Cells in the Mouse Retina. , 2015, 56, 4961.		29
14	Physiological characterization and functional heterogeneity of narrow $\hat{\pm}$ field mammalian amacrine cells. <i>Journal of Physiology</i> , 2012, 590, 223-234.	2.9	28
15	Survey on Amacrine Cells Coupling to Retrograde-Identified Ganglion Cells in the Mouse Retina. , 2013, 54, 5151.		23
16	The expression and function of TRPV4 channels in primate retinal ganglion cells and bipolar cells. <i>Cell Death and Disease</i> , 2019, 10, 364.	6.3	23
17	Cone synapses in mammalian retinal rod bipolar cells. <i>Journal of Comparative Neurology</i> , 2018, 526, 1896-1909.	1.6	12
18	Roles of the ocular pressure, pressure-sensitive ion channel, and elasticity in pressure-induced retinal diseases. <i>Neural Regeneration Research</i> , 2021, 16, 68.	3.0	12

#	ARTICLE	IF	CITATIONS
19	Ionotropic glutamate receptors mediate OFF responses in light-adapted ON bipolar cells. <i>Vision Research</i> , 2012, 68, 48-58.	1.4	8
20	Generators of Pressure-Evoked Currents in Vertebrate Outer Retinal Neurons. <i>Cells</i> , 2021, 10, 1288.	4.1	4
21	Dual-Cell Patch-Clamp Recording Revealed a Mechanism for a Ribbon Synapse to Process Both Digital and Analog Inputs and Outputs. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 722533.	3.7	0
22	Ocular Pressure-Volume Relationship and Ganglion Cell Death in Glaucoma. <i>OBM Neurobiology</i> , 2021, 5, .	0.6	0