

# Chun-Liang Pan

## List of Publications by Year in descending order

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33  
papers

1,234  
citations

516710

16  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1564  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for dopamine in <i>C. elegans</i> avoidance behavior induced by mitochondrial stress. <i>Neuroscience Research</i> , 2022, 178, 87-92.	1.9	7
2	A serotonergic circuit regulates aversive associative learning under mitochondrial stress in <i>C. elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2115533119.	7.1	6
3	Cell polarity control by Wnt morphogens. <i>Developmental Biology</i> , 2022, 487, 34-41.	2.0	3
4	Wnt signalling and endocytosis: Mechanisms, controversies and implications for stress responses. <i>Biology of the Cell</i> , 2021, 113, 95-106.	2.0	4
5	Live-cell imaging of PVD dendritic growth cone in post-embryonic <i>C. elegans</i> . <i>STAR Protocols</i> , 2021, 2, 100402.	1.2	2
6	Neuronal mitochondrial dynamics coordinate systemic mitochondrial morphology and stress response to confer pathogen resistance in <i>C. elegans</i> . <i>Developmental Cell</i> , 2021, 56, 1770-1785.e12.	7.0	31
7	<i>C. elegans</i> flamingo FMI-1 controls dendrite self-avoidance through F-actin assembly. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	5
8	Age-dependent changes in response property and morphology of a thermosensory neuron and thermotaxis behavior in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2020, 19, e13146.	6.7	17
9	Overview of Small Fiber Neuropathy. , 2019, , 3-10.		1
10	Small Fiber Pathology and Functional Impairment in Syndromes of Predominantly Large Fiber Neuropathy. , 2019, , 99-107.		0
11	Adhesive L1CAM-Robo Signaling Aligns Growth Cone F-Actin Dynamics to Promote Axon-Dendrite Fasciculation in <i>C. elegans</i> . <i>Developmental Cell</i> , 2019, 48, 215-228.e5.	7.0	26
12	Cell-Autonomous Regulation of Dendrite Self-Avoidance by the Wnt Secretory Factor MIG-14/Wntless. <i>Neuron</i> , 2018, 98, 320-334.e6.	8.1	24
13	The polarity protein VANG-1 antagonizes Wnt signaling by facilitating Frizzled endocytosis. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	6
14	Wnt signalling in the development of axon, dendrites and synapses. <i>Open Biology</i> , 2018, 8, .	3.6	65
15	Longevity control by the nervous system: Sensory perception, stress response and beyond. <i>Translational Medicine of Aging</i> , 2017, 1, 41-51.	1.3	3
16	A Wnt-planar polarity pathway instructs neurite branching by restricting F-actin assembly through endosomal signaling. <i>PLoS Genetics</i> , 2017, 13, e1006720.	3.5	28
17	A <i>C. elegans</i> Thermosensory Circuit Regulates Longevity through <i>crh-1</i> /CREB-Dependent <i>flp-6</i> Neuropeptide Signaling. <i>Developmental Cell</i> , 2016, 39, 209-223.	7.0	66
18	Effective gene expression in the rat dorsal root ganglia with a non-viral vector delivered via spinal nerve injection. <i>Scientific Reports</i> , 2016, 6, 35612.	3.3	13

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19	Progress in the treatment of small fiber peripheral neuropathy. Expert Review of Neurotherapeutics, 2015, 15, 305-313.	2.8	14
20	Neural activity and CaMKII protect mitochondria from fragmentation in aging <i>Caenorhabditis elegans</i> neurons. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8768-8773.	7.1	51
21	Genetic Analysis of a Novel Tubulin Mutation That Redirects Synaptic Vesicle Targeting and Causes Neurite Degeneration in <i>C. elegans</i> . PLoS Genetics, 2014, 10, e1004715.	3.5	14
22	RHGF-1/PDZ-RhoGEF and retrograde DLK-1 signaling drive neuronal remodeling on microtubule disassembly. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16568-16573.	7.1	36
23	Neuronal aging: learning from <i>C. elegans</i> . Journal of Molecular Signaling, 2013, 8, 14.	0.5	30
24	<i>C. elegans</i> model of neuronal aging. Communicative and Integrative Biology, 2011, 4, 696-698.	1.4	11
25	Genetic analysis of age-dependent defects of the <i>Caenorhabditis elegans</i> touch receptor neurons. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9274-9279.	7.1	133
26	Fresh air is good for nerves: hypoxia disturbs axon guidance. Nature Neuroscience, 2008, 11, 859-861.	14.8	2
27	<i>C. elegans</i> AP-2 and Retromer Control Wnt Signaling by Regulating MIG-14/Wntless. Developmental Cell, 2008, 14, 132-139.	7.0	189
28	Multiple Wnts and Frizzled Receptors Regulate Anteriorly Directed Cell and Growth Cone Migrations in <i>Caenorhabditis elegans</i> . Developmental Cell, 2006, 10, 367-377.	7.0	151
29	Skin denervation and cutaneous vasculitis in systemic lupus erythematosus. Brain, 2006, 129, 977-985.	7.6	72
30	Auditory agnosia caused by a tectal germinoma. Neurology, 2004, 63, 2387-2389.	1.1	19
31	Politics: scientists are as qualified as anyone else. Nature, 2004, 432, 671-671.	27.8	0
32	Cutaneous innervation in Guillain-Barre syndrome: pathology and clinical correlations. Brain, 2003, 126, 386-397.	7.6	143
33	Degeneration of nociceptive nerve terminals in human peripheral neuropathy. NeuroReport, 2001, 12, 787-792.	1.2	57