

# Pak-Ming Lau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1929220/publications.pdf>

Version: 2024-02-01

14  
papers

634  
citations

933447

10  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gain in sensitivity and loss in temporal contrast of STDP by dopaminergic modulation at hippocampal synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13028-13033.	7.1	187
2	Differentiation and Characterization of Excitatory and Inhibitory Synapses by Cryo-electron Tomography and Correlative Microscopy. <i>Journal of Neuroscience</i> , 2018, 38, 1493-1510.	3.6	136
3	High-throughput mapping of a whole rhesus monkey brain at micrometer resolution. <i>Nature Biotechnology</i> , 2021, 39, 1521-1528.	17.5	61
4	Mesophasic organization of GABAA receptors in hippocampal inhibitory synapses. <i>Nature Neuroscience</i> , 2020, 23, 1589-1596.	14.8	52
5	Dendritic mitoflash as a putative signal for stabilizing long-term synaptic plasticity. <i>Nature Communications</i> , 2017, 8, 31.	12.8	50
6	Scalable volumetric imaging for ultrahigh-speed brain mapping at synaptic resolution. <i>National Science Review</i> , 2019, 6, 982-992.	9.5	38
7	Postsynaptic protein organization revealed by electron microscopy. <i>Current Opinion in Structural Biology</i> , 2019, 54, 152-160.	5.7	27
8	Accumulation of Dense Core Vesicles in Hippocampal Synapses Following Chronic Inactivity. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 48.	1.7	20
9	Long-range GABAergic projections from the nucleus of the solitary tract. <i>Molecular Brain</i> , 2021, 14, 38.	2.6	16
10	Excitation wavelength optimization improves photostability of ASAP-family GEVIs. <i>Molecular Brain</i> , 2018, 11, 32.	2.6	13
11	Structure and plasticity of silent synapses in developing hippocampal neurons visualized by super-resolution imaging. <i>Cell Discovery</i> , 2020, 6, 8.	6.7	13
12	An efficient protocol of cryo-correlative light and electron microscopy for the study of neuronal synapses. <i>Biophysics Reports</i> , 2019, 5, 111-122.	0.8	12
13	Corticosterone Signaling and a Lateral Habenula-Ventral Tegmental Area Circuit Modulate Compulsive Self-Injurious Behavior in a Rat Model. <i>Journal of Neuroscience</i> , 2018, 38, 5251-5266.	3.6	6
14	High frequency optogenetic activation of inputs to the lateral amygdala forms distant association with foot-shock. <i>Molecular Brain</i> , 2020, 13, 44.	2.6	0