Wu Li

List of Publications by Year
in descending order

36 papers	3,786 citations	279798 23 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3453 citing authors

#	ARTICLE	IF	CITATIONS
1	Top-down influences on visual processing. Nature Reviews Neuroscience, 2013, 14, 350-363.	10.2	876
2	Perceptual learning and top-down influences in primary visual cortex. Nature Neuroscience, 2004, 7, 651-657.	14.8	451
3	Learning to see: experience and attention in primary visual cortex. Nature Neuroscience, 2001, 4, 519-525.	14.8	328
4	Contour Saliency in Primary Visual Cortex. Neuron, 2006, 50, 951-962.	8.1	263
5	Global Contour Saliency and Local Colinear Interactions. Journal of Neurophysiology, 2002, 88, 2846-2856.	1.8	217
6	Learning to Link Visual Contours. Neuron, 2008, 57, 442-451.	8.1	203
7	Adult Visual Cortical Plasticity. Neuron, 2012, 75, 250-264.	8.1	169
8	Incremental Integration of Global Contours through Interplay between Visual Cortical Areas. Neuron, 2014, 82, 682-694.	8.1	148
9	Perceptual learning and adult cortical plasticity. Journal of Physiology, 2009, 587, 2743-2751.	2.9	125
10	Perceptual training continuously refines neuronal population codes in primary visual cortex. Nature Neuroscience, 2014, 17, 1380-1387.	14.8	123
11	Stochastic Generation of Gamma-Band Activity in Primary Visual Cortex of Awake and Anesthetized Monkeys. Journal of Neuroscience, 2012, 32, 13873-13880a.	3.6	121
12	Adaptive shape processing in primary visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9739-9746.	7.1	81
13	Interactions between feedback and lateral connections in the primary visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8637-8642.	7.1	72
14	Network model of top-down influences on local gain and contextual interactions in visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4108-17.	7.1	68
15	Equivalent Representation of Real and Illusory Contours in Macaque V4. Journal of Neuroscience, 2012, 32, 6760-6770.	3.6	63
16	Top-Down Modulation of Lateral Interactions in Visual Cortex. Journal of Neuroscience, 2013, 33, 1773-1789.	3.6	63
17	Perceptual Learning at a Conceptual Level. Journal of Neuroscience, 2016, 36, 2238-2246.	3.6	57
18	Bottom-up saliency and top-down learning in the primary visual cortex of monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10499-10504.	7.1	51

#	ARTICLE	IF	CITATIONS
19	The Role of Top-Down Task Context in Learning to Perceive Objects. Journal of Neuroscience, 2010, 30, 9869-9876.	3.6	44
20	Perceptual Learning: Use-Dependent Cortical Plasticity. Annual Review of Vision Science, 2016, 2, 109-130.	4.4	39
21	Synergistic Processing of Visual Contours across Cortical Layers in V1 and V2. Neuron, 2017, 96, 1388-1402.e4.	8.1	32
22	Modulation of Neuronal Responses by Exogenous Attention in Macaque Primary Visual Cortex. Journal of Neuroscience, 2015, 35, 13419-13429.	3.6	27
23	Perceptual learning beyond retinotopic reference frame. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15969-15974.	7.1	26
24	Adult Cortical Plasticity Studied with Chronically Implanted Electrode Arrays. Journal of Neuroscience, 2015, 35, 2778-2790.	3.6	26
25	Fear-Related Signals in the Primary Visual Cortex. Current Biology, 2019, 29, 4078-4083.e2.	3.9	26
26	A Copula-Based Granger Causality Measure for the Analysis of Neural Spike Train Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 562-569.	3.0	13
27	Viewing heterospecific facial expressions: an eye-tracking study of human and monkey viewers. Experimental Brain Research, 2019, 237, 2045-2059.	1.5	13
28	Predicting perceptual learning from higher-order cortical processing. NeuroImage, 2016, 124, 682-692.	4.2	12
29	Perceptual learning as a result of concerted changes in prefrontal and visual cortex. Current Biology, 2021, 31, 4521-4533.e3.	3.9	11
30	Spatiotopic perceptual learning mediated by retinotopic processing and attentional remapping. European Journal of Neuroscience, 2013, 38, 3758-3767.	2.6	10
31	Contour Integration over Time: Psychophysical and fMRI Evidence. Cerebral Cortex, 2017, 27, bhw147.	2.9	10
32	Joint analysis of spikes and local field potentials using copula. NeuroImage, 2016, 133, 457-467.	4.2	9
33	Spike-field Granger causality for hybrid neural data analysis. Journal of Neurophysiology, 2019, 122, 809-822.	1.8	7
34	Data on copula modeling of mixed discrete and continuous neural time series. Data in Brief, 2016, 7, 1364-1369.	1.0	1
35	Improved fidelity of orientation perception: a learning effect dissociable from enhanced discriminability. Scientific Reports, 2020, 10, 6572.	3.3	1
36	Perceptual Learning: Neural Mechanismsâ˜†. , 2017, , .		0