

# Haishan Yao

## List of Publications by Year in descending order

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papers

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citations

759233

12  
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713466

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times ranked

1284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glia-to-Neuron Conversion by CRISPR-CasRx Alleviates Symptoms of Neurological Disease in Mice. <i>Cell</i> , 2020, 181, 590-603.e16.	28.9	306
2	Oxytocin mediates early experience-dependent cross-modal plasticity in the sensory cortices. <i>Nature Neuroscience</i> , 2014, 17, 391-399.	14.8	169
3	Single-neuron projectome of mouse prefrontal cortex. <i>Nature Neuroscience</i> , 2022, 25, 515-529.	14.8	87
4	Control of response reliability by parvalbumin-expressing interneurons in visual cortex. <i>Nature Communications</i> , 2015, 6, 6802.	12.8	61
5	Clustered Organization of Neurons with Similar Extra-Receptive Field Properties in the Primary Visual Cortex. <i>Neuron</i> , 2002, 35, 547-553.	8.1	52
6	Orbitofrontal control of visual cortex gain promotes visual associative learning. <i>Nature Communications</i> , 2020, 11, 2784.	12.8	39
7	Contrast-dependent orientation discrimination in the mouse. <i>Scientific Reports</i> , 2015, 5, 15830.	3.3	35
8	Contrast-dependent OFF-dominance in cat primary visual cortex facilitates discrimination of stimuli with natural contrast statistics. <i>European Journal of Neuroscience</i> , 2014, 39, 2060-2070.	2.6	23
9	Cumulative latency advance underlies fast visual processing in desynchronized brain state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 515-520.	7.1	18
10	Unconscious processing of invisible visual stimuli. <i>Scientific Reports</i> , 2016, 6, 38917.	3.3	18
11	Control of adaptive action selection by secondary motor cortex during flexible visual categorization. <i>ELife</i> , 2020, 9, .	6.0	17
12	The Spatiotemporal Frequency Tuning of LGN Receptive Field Facilitates Neural Discrimination of Natural Stimuli. <i>Journal of Neuroscience</i> , 2009, 29, 11409-11416.	3.6	16
13	Altered visual cortical processing in a mouse model of MECP2 duplication syndrome. <i>Scientific Reports</i> , 2017, 7, 6468.	3.3	16
14	Duality in Binocular Rivalry: Distinct Sensitivity of Percept Sequence and Percept Duration to Imbalance between Monocular Stimuli. <i>PLoS ONE</i> , 2009, 4, e6912.	2.5	16
15	Direct and indirect pathway neurons in ventrolateral striatum differentially regulate licking movement and nigral responses. <i>Cell Reports</i> , 2021, 37, 109847.	6.4	13
16	Sensitivity of V1 Neurons to Direction of Spectral Motion. <i>Cerebral Cortex</i> , 2011, 21, 964-973.	2.9	8
17	Stimulus-Entrained Oscillatory Activity Propagates as Waves from Area 18 to 17 in Cat Visual Cortex. <i>PLoS ONE</i> , 2012, 7, e41960.	2.5	8
18	Phase-specific Surround suppression in Mouse Primary Visual Cortex Correlates with Figure Detection Behavior Based on Phase Discontinuity. <i>Neuroscience</i> , 2018, 379, 359-374.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Visual neuroscience research in China. <i>Science China Life Sciences</i> , 2010, 53, 363-373.	4.9	7
20	Short-Term Influence of Recent Trial History on Perceptual Choice Changes with Stimulus Strength. <i>Neuroscience</i> , 2019, 409, 1-15.	2.3	7
21	Modification of Visual Cortical Receptive Field Induced by Natural Stimuli. <i>Cerebral Cortex</i> , 2013, 23, 1923-1932.	2.9	5