Haishan Yao

List of Publications by Year
in descending order

21 papers	932 citations	759233 12 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	1284 citing authors

#	Article	IF	Citations
1	Single-neuron projectome of mouse prefrontal cortex. Nature Neuroscience, 2022, 25, 515-529.	14.8	87
2	Direct and indirect pathway neurons in ventrolateral striatum differentially regulate licking movement and nigral responses. Cell Reports, 2021, 37, 109847.	6.4	13
3	Orbitofrontal control of visual cortex gain promotes visual associative learning. Nature Communications, 2020, 11, 2784.	12.8	39
4	Glia-to-Neuron Conversion by CRISPR-CasRx Alleviates Symptoms of Neurological Disease in Mice. Cell, 2020, 181, 590-603.e16.	28.9	306
5	Control of adaptive action selection by secondary motor cortex during flexible visual categorization. ELife, 2020, 9, .	6.0	17
6	Short-Term Influence of Recent Trial History on Perceptual Choice Changes with Stimulus Strength. Neuroscience, 2019, 409, 1-15.	2.3	7
7	Phase-specific Surround suppression in Mouse Primary Visual Cortex Correlates with Figure Detection Behavior Based on Phase Discontinuity. Neuroscience, 2018, 379, 359-374.	2.3	8
8	Altered visual cortical processing in a mouse model of MECP2 duplication syndrome. Scientific Reports, 2017, 7, 6468.	3.3	16
9	Unconscious processing of invisible visual stimuli. Scientific Reports, 2016, 6, 38917.	3.3	18
10	Contrast-dependent orientation discrimination in the mouse. Scientific Reports, 2015, 5, 15830.	3.3	35
11	Control of response reliability by parvalbumin-expressing interneurons in visual cortex. Nature Communications, 2015, 6, 6802.	12.8	61
12	Cumulative latency advance underlies fast visual processing in desynchronized brain state. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 515-520.	7.1	18
13	Contrastâ€dependent <scp>OFF</scp>â€dominance in cat primary visual cortex facilitates discrimination of stimuli with natural contrast statistics. European Journal of Neuroscience, 2014, 39, 2060-2070.	2.6	23
14	Oxytocin mediates early experienceâ€“dependent cross-modal plasticity in the sensory cortices. Nature Neuroscience, 2014, 17, 391-399.	14.8	169
15	Modification of Visual Cortical Receptive Field Induced by Natural Stimuli. Cerebral Cortex, 2013, 23, 1923-1932.	2.9	5
16	Stimulus-Entrained Oscillatory Activity Propagates as Waves from Area 18 to 17 in Cat Visual Cortex. PLoS ONE, 2012, 7, e41960.	2.5	8
17	Sensitivity of V1 Neurons to Direction of Spectral Motion. Cerebral Cortex, 2011, 21, 964-973.	2.9	8
18	Visual neuroscience research in China. Science China Life Sciences, 2010, 53, 363-373.	4.9	7

#	Article	IF	Citations
19	The Spatiotemporal Frequency Tuning of LGN Receptive Field Facilitates Neural Discrimination of Natural Stimuli. Journal of Neuroscience, 2009, 29, 11409-11416.	3.6	16
20	Duality in Binocular Rivalry: Distinct Sensitivity of Percept Sequence and Percept Duration to Imbalance between Monocular Stimuli. PLoS ONE, 2009, 4, e6912.	2.5	16
21	Clustered Organization of Neurons with Similar Extra-Receptive Field Properties in the Primary Visual Cortex. Neuron, 2002, 35, 547-553.	8.1	52