

Qi Fang

List of Publications by Year in descending order

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10
papers

461
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced Enhancements of Synaptic Excitation and Inhibition Underlie Developmental Maturation of Receptive Fields in the Mouse Visual Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 10065-10079.	3.6	2
2	A Differential Circuit via Retino-Colliculo-Pulvinar Pathway Enhances Feature Selectivity in Visual Cortex through Surround Suppression. <i>Neuron</i> , 2020, 105, 355-369.e6.	8.1	66
3	Optimal Pipette Resistance, Seal Resistance, and Zero-Current Membrane Potential for Loose Patch or Breakthrough Whole-Cell Recording in vivo. <i>Frontiers in Neural Circuits</i> , 2020, 14, 34.	2.8	5
4	Contextual and cross-modality modulation of auditory cortical processing through pulvinar mediated suppression. <i>ELife</i> , 2020, 9, .	6.0	63
5	Maternal immune activation-induced PPAR β -dependent dysfunction of microglia associated with neurogenic impairment and aberrant postnatal behaviors in offspring. <i>Neurobiology of Disease</i> , 2019, 125, 1-13.	4.4	57
6	Relationship between the Dynamics of Orientation Tuning and Spatiotemporal Receptive Field Structures of Cat LGN Neurons. <i>Neuroscience</i> , 2018, 377, 26-39.	2.3	4
7	Spatial Asymmetry and Short-Term Suppression Underlie Direction Selectivity of Synaptic Excitation in the Mouse Visual Cortex. <i>Cerebral Cortex</i> , 2018, 28, 2059-2070.	2.9	13
8	Direction selectivity starts early. <i>Nature Neuroscience</i> , 2017, 20, 899-901.	14.8	0
9	Cross-Modality Sharpening of Visual Cortical Processing through Layer-1-Mediated Inhibition and Disinhibition. <i>Neuron</i> , 2016, 89, 1031-1045.	8.1	239
10	The Shift of ERG B-Wave Induced by Hours' Dark Exposure in Rodents. <i>PLoS ONE</i> , 2016, 11, e0161010.	2.5	10