

Andrew Y Y Tan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,401
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Topography and synaptic shaping of direction selectivity in primary auditory cortex. <i>Nature</i> , 2003, 424, 201-205.	27.8	343
2	Tone-Evoked Excitatory and Inhibitory Synaptic Conductances of Primary Auditory Cortex Neurons. <i>Journal of Neurophysiology</i> , 2004, 92, 630-643.	1.8	250
3	Sensory stimulation shifts visual cortex from synchronous to asynchronous states. <i>Nature</i> , 2014, 509, 226-229.	27.8	195
4	Emergence of Orientation Selectivity in the Mammalian Visual Pathway. <i>Journal of Neuroscience</i> , 2013, 33, 10616-10624.	3.6	141
5	Orientation Selectivity of Synaptic Input to Neurons in Mouse and Cat Primary Visual Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 12339-12350.	3.6	112
6	Unbalanced synaptic inhibition can create intensity-tuned auditory cortex neurons. <i>Neuroscience</i> , 2007, 146, 449-462.	2.3	80
7	The Activity-Regulated Cytoskeletal-Associated Protein Arc Is Expressed in Different Striosome-Matrix Patterns Following Exposure to Amphetamine and Cocaine. <i>Journal of Neurochemistry</i> , 2008, 74, 2074-2078.	3.9	66
8	Balanced tone-evoked synaptic excitation and inhibition in mouse auditory cortex. <i>Neuroscience</i> , 2009, 163, 1302-1315.	2.3	66
9	Strabismus Disrupts Binocular Synaptic Integration in Primary Visual Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 17108-17122.	3.6	41
10	Transgenic Silencing of Neurons in the Mammalian Brain by Expression of the Allatostatin Receptor (AlstR). <i>Journal of Neurophysiology</i> , 2009, 102, 2554-2562.	1.8	32
11	Identification of a Monogenic Locus (<i>jams1</i>) Causing Juvenile Audiogenic Seizures in Mice. <i>Journal of Neuroscience</i> , 2002, 22, 10088-10093.	3.6	28
12	Sphingosine 1-Phosphate Receptor 2 Induces Otoprotective Responses to Cisplatin Treatment. <i>Cancers</i> , 2020, 12, 211.	3.7	22
13	A spontaneous state of weakly correlated synaptic excitation and inhibition in visual cortex. <i>Neuroscience</i> , 2013, 247, 364-375.	2.3	13
14	Spatial diversity of spontaneous activity in the cortex. <i>Frontiers in Neural Circuits</i> , 2015, 9, 48.	2.8	11
15	A nonlinear hidden layer enables actor-critic agents to learn multiple paired association navigation. <i>Cerebral Cortex</i> , 2022, 32, 3917-3936.	2.9	1
16	Different Excitation-Inhibition Correlations Between Spontaneous and Tone-evoked Activity in Primary Auditory Cortex Neurons. <i>Neuroscience</i> , 2022, 496, 205-218.	2.3	0