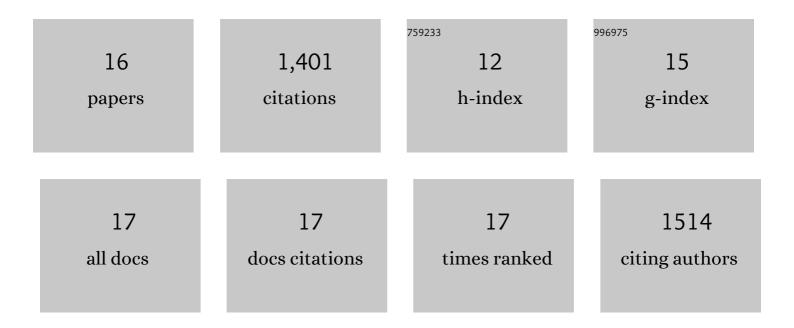
Andrew Y Y Tan

List of Publications by Year in descending order

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ΔΝΟΦΕΨΥΥΤΛΝ

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