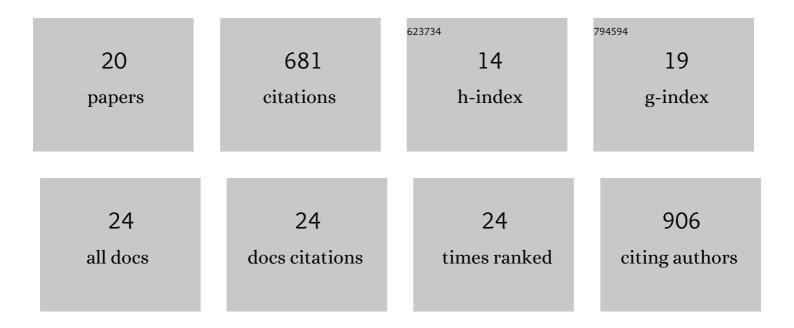
Chenchen Song

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Combining Cortical Voltage Imaging and Hippocampal Electrophysiology for Investigating Global, Multi-Timescale Activity Interactions in the Brain. International Journal of Molecular Sciences, 2022, 23, 6814.	4.1	2
2	Genetically Encoded Voltage Indicators. Advances in Experimental Medicine and Biology, 2021, 1293, 209-224.	1.6	12
3	Cortex-Wide Dynamics of Intrinsic Electrical Activities: Propagating Waves and Their Interactions. Journal of Neuroscience, 2021, 41, 3665-3678.	3.6	33
4	Screening and Cellular Characterization of Genetically Encoded Voltage Indicators Based on Near-Infrared Fluorescent Proteins. ACS Chemical Neuroscience, 2020, 11, 3523-3531.	3.5	15
5	The serotonin 2A receptor agonist 25CN-NBOH increases murine heart rate and neck-arterial blood flow in a temperature-dependent manner. Journal of Psychopharmacology, 2020, 34, 786-794.	4.0	7
6	Subcellular resolution three-dimensional light-field imaging with genetically encoded voltage indicators. Neurophotonics, 2020, 7, 035006.	3.3	22
7	Optical readout of voltage indicators using an improved targeted direct patterning concept , 2020, , .		0
8	Genetically Encoded Fluorescent Calcium and Voltage Indicators. Handbook of Experimental Pharmacology, 2019, 260, 209-229.	1.8	15
9	Optical voltage imaging in neurons: moving from technology development to practical tool. Nature Reviews Neuroscience, 2019, 20, 719-727.	10.2	132
10	Single-Neuron Level One-Photon Voltage Imaging With Sparsely Targeted Genetically Encoded Voltage Indicators. Frontiers in Cellular Neuroscience, 2019, 13, 39.	3.7	28
11	Assessing spatiotemporal variability of brain spontaneous activity by multiscale entropy and functional connectivity. NeuroImage, 2019, 198, 198-220.	4.2	34
12	Cortical signatures of wakeful somatosensory processing. Scientific Reports, 2018, 8, 11977.	3.3	40
13	Mammalian cortical voltage imaging using genetically encoded voltage indicators: a review honoring professor Amiram Grinvald. Neurophotonics, 2017, 4, 031214.	3.3	12
14	Transgenic Strategies for Sparse but Strong Expression of Genetically Encoded Voltage and Calcium Indicators. International Journal of Molecular Sciences, 2017, 18, 1461.	4.1	22
15	State-Dependent Modulation of Slow Wave Motifs towards Awakening. Frontiers in Cellular Neuroscience, 2017, 11, 108.	3.7	23
16	Cortical Entropy, Mutual Information and Scale-Free Dynamics in Waking Mice. Cerebral Cortex, 2016, 26, 3945-3952.	2.9	71
17	Optogenetics enlightens neuroscience drug discovery. Nature Reviews Drug Discovery, 2016, 15, 97-109.	46.4	50
18	Route to genetically targeted optical electrophysiology: development and applications of voltage-sensitive fluorescent proteins. Neurophotonics, 2015, 2, 021008.	3.3	14

#	Article	IF	CITATIONS
19	Genetically encoded voltage indicators for large scale cortical imaging come of age. Current Opinion in Chemical Biology, 2015, 27, 75-83.	6.1	90
20	Exploration of genetically encoded voltage indicators based on a chimeric voltage sensing domain. Frontiers in Molecular Neuroscience, 2014, 7, 78.	2.9	51