Ryosuke Enoki

List of Publications by Year
in descending order

22 papers	998 citations	687363 13 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1333 citing authors

#	Article	IF	Citations
1	Cell competition with normal epithelial cells promotes apical extrusion of transformed cells through metabolicÂchanges. Nature Cell Biology, 2017, 19, 530-541.	10.3	172
2	Spatiotemporal Recapitulation of Central Nervous System Development by Murine Embryonic Stem Cell-Derived Neural Stem/Progenitor Cells. Stem Cells, 2008, 26, 3086-3098.	3.2	162
3	Expression of Long-Term Plasticity at Individual Synapses in Hippocampus Is Graded, Bidirectional, and Mainly Presynaptic: Optical Quantal Analysis. Neuron, 2009, 62, 242-253.	8.1	135
4	Topological specificity and hierarchical network of the circadian calcium rhythm in the suprachiasmatic nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21498-21503.	7.1	97
5	Dissociation of Per1 and Bmal1 circadian rhythms in the suprachiasmatic nucleus in parallel with behavioral outputs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3699-E3708.	7.1	63
6	Synchronous circadian voltage rhythms with asynchronous calcium rhythms in the suprachiasmatic nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2476-E2485.	7.1	51
7	Dual origins of the intracellular circadian calcium rhythm in the suprachiasmatic nucleus. Scientific Reports, 2017, 7, 41733.	3.3	47
8	Network-Mediated Encoding of Circadian Time: The Suprachiasmatic Nucleus (SCN) from Genes to Neurons to Circuits, and Back. Journal of Neuroscience, 2014, 34, 15192-15199.	3.6	43
9	Ultradian calcium rhythms in the paraventricular nucleus and subparaventricular zone in the hypothalamus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9469-E9478.	7.1	35
10	GABA from vasopressin neurons regulates the time at which suprachiasmatic nucleus molecular clocks enable circadian behavior. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	31
11	Spatiotemporal profiles of arginine vasopressin transcription in cultured suprachiasmatic nucleus. European Journal of Neuroscience, 2015, 42, 2678-2689.	2.6	30
12	Single-cell resolution fluorescence imaging of circadian rhythms detected with a Nipkow spinning disk confocal system. Journal of Neuroscience Methods, 2012, 207, 72-79.	2.5	26
13	Na ⁺ /Ca ²⁺ exchanger mediates cold Ca ²⁺ signaling conserved for temperature-compensated circadian rhythms. Science Advances, 2021, 7, .	10.3	17
14	NMDA receptor-mediated depolarizing after-potentials in the basal dendrites of CA1 pyramidal neurons. Neuroscience Research, 2004, 48, 325-333.	1.9	16
15	Optical detection of dendritic spike initiation in hippocampal CA1 pyramidal neurons. Neuroscience, 2003, 118, 899-907.	2.3	14
16	GABAergic control of synaptic summation in hippocampal CA1 pyramidal neurons. Hippocampus, 2001, 11, 683-689.	1.9	13
17	Circadian rhythms in Per1, PER2 and Ca2+ of a solitary SCN neuron cultured on a microisland. Scientific Reports, 2019, 9, 18271.	3.3	13
18	Optical monitoring of synaptic summation along the dendrites of CA1 pyramidal neurons. Neuroscience, 2002, 113, 1003-1014.	2.3	12

#	Article	IF	Citations
19	Multiple spatiotemporal patterns of dendritic Ca2+ signals in goldfish retinal amacrine cells. Brain Research, 2004, 1023, 64-73.	2.2	12
20	Horizontal Slice Preparation of the Retina. Journal of Visualized Experiments, 2006, , 108.	0.3	7
21	A Method of Horizontally Sliced Preparation of the Retina. Methods in Molecular Biology, 2012, 935, 201-205.	0.9	2
22	Time-lapse confocal imaging of clock gene expression and calcium in neuronal networks of suprachiasmatic nucleus. Neuroscience Research, 2011, 71, e53.	1.9	0