

# Ryosuke Enoki

## List of Publications by Year in descending order

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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	GABA from vasopressin neurons regulates the time at which suprachiasmatic nucleus molecular clocks enable circadian behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
2	Na <sup>+</sup> /Ca <sup>2+</sup> exchanger mediates cold Ca <sup>2+</sup> signaling conserved for temperature-compensated circadian rhythms. <i>Science Advances</i> , 2021, 7, .	10.3	17
3	Circadian rhythms in Per1, PER2 and Ca2+ of a solitary SCN neuron cultured on a microisland. <i>Scientific Reports</i> , 2019, 9, 18271.	3.3	13
4	Ultradian calcium rhythms in the paraventricular nucleus and subparaventricular zone in the hypothalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9469-E9478.	7.1	35
5	Dual origins of the intracellular circadian calcium rhythm in the suprachiasmatic nucleus. <i>Scientific Reports</i> , 2017, 7, 41733.	3.3	47
6	Synchronous circadian voltage rhythms with asynchronous calcium rhythms in the suprachiasmatic nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2476-E2485.	7.1	51
7	Cell competition with normal epithelial cells promotes apical extrusion of transformed cells through metabolic changes. <i>Nature Cell Biology</i> , 2017, 19, 530-541.	10.3	172
8	Dissociation of <i>Per1</i> and <i>Bmal1</i> circadian rhythms in the suprachiasmatic nucleus in parallel with behavioral outputs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3699-E3708.	7.1	63
9	Spatiotemporal profiles of arginine vasopressin transcription in cultured suprachiasmatic nucleus. <i>European Journal of Neuroscience</i> , 2015, 42, 2678-2689.	2.6	30
10	Network-Mediated Encoding of Circadian Time: The Suprachiasmatic Nucleus (SCN) from Genes to Neurons to Circuits, and Back. <i>Journal of Neuroscience</i> , 2014, 34, 15192-15199.	3.6	43
11	Topological specificity and hierarchical network of the circadian calcium rhythm in the suprachiasmatic nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21498-21503.	7.1	97
12	Single-cell resolution fluorescence imaging of circadian rhythms detected with a Nipkow spinning disk confocal system. <i>Journal of Neuroscience Methods</i> , 2012, 207, 72-79.	2.5	26
13	A Method of Horizontally Sliced Preparation of the Retina. <i>Methods in Molecular Biology</i> , 2012, 935, 201-205.	0.9	2
14	Time-lapse confocal imaging of clock gene expression and calcium in neuronal networks of suprachiasmatic nucleus. <i>Neuroscience Research</i> , 2011, 71, e53.	1.9	0
15	Expression of Long-Term Plasticity at Individual Synapses in Hippocampus Is Graded, Bidirectional, and Mainly Presynaptic: Optical Quantal Analysis. <i>Neuron</i> , 2009, 62, 242-253.	8.1	135
16	Spatiotemporal Recapitulation of Central Nervous System Development by Murine Embryonic Stem Cell-Derived Neural Stem/Progenitor Cells. <i>Stem Cells</i> , 2008, 26, 3086-3098.	3.2	162
17	Horizontal Slice Preparation of the Retina. <i>Journal of Visualized Experiments</i> , 2006, , 108.	0.3	7
18	Multiple spatiotemporal patterns of dendritic Ca2+ signals in goldfish retinal amacrine cells. <i>Brain Research</i> , 2004, 1023, 64-73.	2.2	12

#	ARTICLE	IF	CITATIONS
19	NMDA receptor-mediated depolarizing after-potentials in the basal dendrites of CA1 pyramidal neurons. <i>Neuroscience Research</i> , 2004, 48, 325-333.	1.9	16
20	Optical detection of dendritic spike initiation in hippocampal CA1 pyramidal neurons. <i>Neuroscience</i> , 2003, 118, 899-907.	2.3	14
21	Optical monitoring of synaptic summation along the dendrites of CA1 pyramidal neurons. <i>Neuroscience</i> , 2002, 113, 1003-1014.	2.3	12
22	GABAergic control of synaptic summation in hippocampal CA1 pyramidal neurons. <i>Hippocampus</i> , 2001, 11, 683-689.	1.9	13