

Rong-Chi Huang

List of Publications by Year in descending order

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13
papers

271
citations

1040056

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1125743

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13
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Afterhyperpolarization potential modulated by local $[K^+]_o$ in K^+ diffusion-restricted extracellular space in the central clock of suprachiasmatic nucleus. <i>Biomedical Journal</i> , 2023, 46, 100551.	3.1	2
2	Glycolytic metabolism and activation of Na^+ pumping contribute to extracellular acidification in the central clock of the suprachiasmatic nucleus: Differential glucose sensitivity and utilization between oxidative and non-oxidative glycolytic pathways. <i>Biomedical Journal</i> , 2021, , .	3.1	2
3	Role of Intracellular Na^+ in the Regulation of $[Ca^{2+}]_i$ in the Rat Suprachiasmatic Nucleus Neurons. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4868.	4.1	5
4	The Na^+/H^+ -Exchanger NHE1 Regulates Extra- and Intracellular pH and Nimodipine-sensitive $[Ca^{2+}]_i$ in the Suprachiasmatic Nucleus. <i>Scientific Reports</i> , 2019, 9, 6430.	3.3	17
5	The discoveries of molecular mechanisms for the circadian rhythm: The 2017 Nobel Prize in Physiology or Medicine. <i>Biomedical Journal</i> , 2018, 41, 5-8.	3.1	64
6	Differential regulation of nimodipine-sensitive and -insensitive Ca^{2+} influx by the Na^+/Ca^{2+} exchanger and mitochondria in the rat suprachiasmatic nucleus neurons. <i>Journal of Biomedical Science</i> , 2018, 25, 44.	7.0	10
7	KATP Channels Mediate Differential Metabolic Responses to Glucose Shortage of the Dorsomedial and Ventrolateral Oscillators in the Central Clock. <i>Scientific Reports</i> , 2017, 7, 640.	3.3	16
8	Na^+/Ca^{2+} Exchanger 2 in the Circadian Clock of the Rat Suprachiasmatic Nucleus: Colocalization with Neuropeptides and Daily Profiles of Gene Expression and Protein Levels. <i>Chinese Journal of Physiology</i> , 2017, 60, 215-225.	1.0	3
9	Role of Na^+/Ca^{2+} exchanger in Ca^{2+} homeostasis in rat suprachiasmatic nucleus neurons. <i>Journal of Neurophysiology</i> , 2015, 113, 2114-2126.	1.8	12
10	Intracellular Na^+ and metabolic modulation of Na/K pump and excitability in the rat suprachiasmatic nucleus neurons. <i>Journal of Neurophysiology</i> , 2012, 108, 2024-2032.	1.8	24
11	Acid-sensing ion channels in neurones of the rat suprachiasmatic nucleus. <i>Journal of Physiology</i> , 2009, 587, 1727-1737.	2.9	35
12	Effects of Sodium Pump Activity on Spontaneous Firing in Neurons of the Rat Suprachiasmatic Nucleus. <i>Journal of Neurophysiology</i> , 2006, 96, 109-118.	1.8	44
13	Diurnal Modulation of the Na^+/K^+ -ATPase and Spontaneous Firing in the Rat Retinorecipient Clock Neurons. <i>Journal of Neurophysiology</i> , 2004, 92, 2295-2301.	1.8	37