

Lukasz Chrobok

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

346
citations

932766

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1058022

14
g-index

37
all docs

37
docs citations

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times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Orexins/hypocretins modulate the activity of NPY-positive and -negative neurons in the rat intergeniculate leaflet via OX1 and OX2 receptors. <i>Neuroscience</i> , 2015, 300, 370-380.	1.1	30
2	Timekeeping in the hindbrain: a multi-oscillatory circadian centre in the mouse dorsal vagal complex. <i>Communications Biology</i> , 2020, 3, 225.	2.0	27
3	Multiple excitatory actions of orexins upon thalamo-cortical neurons in dorsal lateral geniculate nucleus - implications for vision modulation by arousal. <i>Scientific Reports</i> , 2017, 7, 7713.	1.6	22
4	Light-Induced Responses of Slow Oscillatory Neurons of the Rat Olivary Pretectal Nucleus. <i>PLoS ONE</i> , 2012, 7, e33083.	1.1	21
5	Circadian actions of orexins on the retinorecipient lateral geniculate complex in rat. <i>Journal of Physiology</i> , 2021, 599, 231-252.	1.3	16
6	Gamma and infra-slow oscillations shape neuronal firing in the rat subcortical visual system. <i>Journal of Physiology</i> , 2018, 596, 2229-2250.	1.3	15
7	Epileptic rat brain tissue analyzed by 2D correlation Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 581-588.	2.0	14
8	Orexins excite ventrolateral geniculate nucleus neurons predominantly via OX2 receptors. <i>Neuropharmacology</i> , 2016, 103, 236-246.	2.0	13
9	Keeping time in the lamina terminalis: Novel oscillator properties of forebrain sensory circumventricular organs. <i>FASEB Journal</i> , 2020, 34, 974-987.	0.2	13
10	Phasic Neuronal Firing in the Rodent Nucleus of the Solitary Tract ex vivo. <i>Frontiers in Physiology</i> , 2021, 12, 638695.	1.3	13
11	Daily changes in neuronal activities of the dorsal motor nucleus of the vagus under standard and high-fat diet. <i>Journal of Physiology</i> , 2022, 600, 733-749.	1.3	13
12	Rhythmic neuronal activities of the rat nucleus of the solitary tract are impaired by high-fat diet – implications for daily control of satiety. <i>Journal of Physiology</i> , 2022, 600, 751-767.	1.3	13
13	The application of Raman microspectroscopy for the study of healthy rat brain tissue. <i>Vibrational Spectroscopy</i> , 2016, 85, 48-54.	1.2	12
14	Modulation of Spontaneous and Light-Induced Activity in the Rat Dorsal Lateral Geniculate Nucleus by General Brain State Alterations under Urethane Anesthesia. <i>Neuroscience</i> , 2019, 413, 279-293.	1.1	12
15	Intrinsic circadian timekeeping properties of the thalamic lateral geniculate nucleus. <i>Journal of Neuroscience Research</i> , 2021, 99, 3306-3324.	1.3	10
16	Disinhibition of the intergeniculate leaflet network in the WAG/Rij rat model of absence epilepsy. <i>Experimental Neurology</i> , 2017, 289, 103-116.	2.0	9
17	Enkephalin and neuropeptide-Y interaction in the intergeniculate leaflet network, a part of the mammalian biological clock. <i>Neuroscience</i> , 2017, 343, 10-20.	1.1	9
18	Two distinct subpopulations of neurons in the thalamic intergeniculate leaflet identified by subthreshold currents. <i>Neuroscience</i> , 2016, 329, 306-317.	1.1	8

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19	2D correlation Raman microspectroscopy of chosen parts of rat's brain tissue. <i>Journal of Molecular Structure</i> , 2017, 1147, 310-316.	1.8	8
20	Daily coordination of orexinergic gating in the rat superior colliculusâ€”Implications for intrinsic clock activities in the visual system. <i>FASEB Journal</i> , 2021, 35, e21930.	0.2	7
21	Racing and Pacing in the Reward System: A Multi-Clock Circadian Control Over Dopaminergic Signalling. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	7
22	2D Raman study of the healthy and epileptic rat cerebellar cortex tissue. <i>Journal of Molecular Structure</i> , 2018, 1163, 167-173.	1.8	6
23	Electrophysiology of GABAergic transmission of single intergeniculate leaflet neurons in rat. <i>Acta Neurobiologiae Experimentalis</i> , 2015, 75, 27-35.	0.4	6
24	Orexin A depolarises rat intergeniculate leaflet neurons through nonâ€”selective cation channels. <i>European Journal of Neuroscience</i> , 2019, 50, 2683-2693.	1.2	5
25	Depolarization of the intergeniculate leaflet neurons by serotonin - in vitro study. <i>Journal of Physiology and Pharmacology</i> , 2013, 64, 773-8.	1.1	5
26	Retinal gap junctions are involved in rhythmogenesis of neuronal activity at remote locations â€” Study on infra-slow oscillations in the rat olivary pretectal nucleus. <i>Neuroscience</i> , 2016, 339, 150-161.	1.1	4
27	Orexin A excites the rat olivary pretectal nucleus via OX2 receptor in a daily manner. <i>Brain Research</i> , 2021, 1768, 147603.	1.1	4
28	From Fast Oscillations to Circadian Rhythms: Coupling at Multiscale Frequency Bands in the Rodent Subcortical Visual System. <i>Frontiers in Physiology</i> , 2021, 12, 738229.	1.3	4
29	Altered oscillation frequencies in the lateral geniculate complex in the rat model of absence epilepsy. <i>Epilepsy Research</i> , 2019, 157, 106212.	0.8	3
30	Modulation of the Rat Intergeniculate Leaflet of the Thalamus Network by Norepinephrine. <i>Neuroscience</i> , 2021, 469, 1-16.	1.1	3
31	Short Wavelengths Contribution to Light-induced Responses and Irradiance Coding in the Rat Dorsal Lateral Geniculate Nucleus â€” An In vivo Electrophysiological Approach. <i>Neuroscience</i> , 2021, 468, 220-234.	1.1	3
32	LC-MS/MS Analysis Elucidates a Daily Rhythm in Orexin A Concentration in the Rat Vitreous Body. <i>Molecules</i> , 2021, 26, 5036.	1.7	2
33	Electrophysiological complexity in the rat dorsomedial hypothalamus and its susceptibility to daily rhythms and highâ€”fat diet. <i>European Journal of Neuroscience</i> , 2022, 56, 4363-4377.	1.2	2