

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	507 citations	13 h-index	22 g-index
35 ext. papers	635 ext. citations	4 avg, IF	3.77 L-index

#	Paper	IF	Citations
33	Broadcasting With Side Information: Bounding and Approximating the Broadcast Rate. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 5811-5823	2.8	64
32	Heterogeneous responses of nucleus incertus neurons to corticotrophin-releasing factor and coherent activity with hippocampal theta rhythm in the rat. <i>Journal of Physiology</i> , 2013 , 591, 3981-4001	3.9	63
31	Lexicographic Products and the Power of Non-linear Network Coding 2011 ,		50
30	Distribution, physiology and pharmacology of relaxin-3/RXFP3 systems in brain. <i>British Journal of Pharmacology</i> , 2017 , 174, 1034-1048	8.6	42
29	Nucleus incertus Orexin2 receptors mediate alcohol seeking in rats. <i>Neuropharmacology</i> , 2016 , 110, 82-94	4.5	31
28	Inhibition of oxytocin and vasopressin neuron activity in rat hypothalamic paraventricular nucleus by relaxin-3-RXFP3 signalling. <i>Journal of Physiology</i> , 2017 , 595, 3425-3447	3.9	31
27	Relaxin-3 innervation of the intergeniculate leaflet of the rat thalamus - neuronal tract-tracing and in vitro electrophysiological studies. <i>European Journal of Neuroscience</i> , 2013 , 37, 1284-94	3.5	29
26	Ultradian rhythmic neuronal oscillation in the intergeniculate leaflet. <i>NeuroReport</i> , 2000 , 11, 317-21	1.7	29
25	Excitatory orexinergic innervation of rat nucleus incertus--Implications for ascending arousal, motivation and feeding control. <i>Neuropharmacology</i> , 2015 , 99, 432-47	5.5	28
24	Are ultra-slow isoperiodic oscillations in rat intergeniculate leaflet neurons dependent on reciprocal connection with its contralaterally located counterpart?. <i>Neuroscience Letters</i> , 2002 , 330, 243-6	3.3	17
23	In vitro extracellular recording of spontaneous activity of the intergeniculate leaflet neurons. <i>Brain Research</i> , 2004 , 1015, 82-6	3.7	15
22	RLN3/RXFP3 Signaling in the PVN Inhibits Magnocellular Neurons via M-like Current Activation and Contributes to Binge Eating Behavior. <i>Journal of Neuroscience</i> , 2020 , 40, 5362-5375	6.6	14
21	Interactions of Circadian Rhythmicity, Stress and Orexigenic Neuropeptide Systems: Implications for Food Intake Control. <i>Frontiers in Neuroscience</i> , 2017 , 11, 127	5.1	13
20	Early life stress-induced alterations in the activity and morphology of ventral tegmental area neurons in female rats. <i>Neurobiology of Stress</i> , 2020 , 13, 100250	7.6	12
19	Improved Approximation Algorithms for the Minimum Latency Problem via Prize-Collecting Strolls 2010 ,		9
18	Levels of the neuropeptide phoenixin-14 and its receptor GRP173 in the hypothalamus, ovary and periovarian adipose tissue in rat model of polycystic ovary syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 528, 628-635	3.4	8
17	Altered vitamin D metabolism in the ovary and periovarian adipose tissue of rats with letrozole-induced PCOS. <i>Histochemistry and Cell Biology</i> , 2021 , 155, 101-116	2.4	7

16	Melanin-concentrating hormone and orexin systems in rat nucleus incertus: Dual innervation, bidirectional effects on neuron activity, and differential influences on arousal and feeding. <i>Neuropharmacology</i> , 2018 , 139, 238-256	5.5	7
15	SPECTRA OF SELF-SIMILAR LAPLACIANS ON THE SIERPINSKI GASKET WITH TWISTS. <i>Fractals</i> , 2008 , 16, 43-68	3.2	6
14	The influence of carbachol on glutamate-induced activity of the intergeniculate leaflet neurons--in vitro studies. <i>Brain Research</i> , 2007 , 1186, 95-101	3.7	5
13	Viral-mediated delivery of an RXFP3 agonist into brain promotes arousal in mice. <i>Italian Journal of Anatomy and Embryology</i> , 2013 , 118, 42-6		5
12	Short-term repeated corticosterone administration enhances glutamatergic but not GABAergic transmission in the rat motor cortex. <i>Pflügers Archiv European Journal of Physiology</i> , 2016 , 468, 679-91	4.6	4
11	Diverse action of repeated corticosterone treatment on synaptic transmission, neuronal plasticity, and morphology in superficial and deep layers of the rat motor cortex. <i>Pflügers Archiv European Journal of Physiology</i> , 2017 , 469, 1519-1532	4.6	4
10	Electrophysiology and distribution of oxytocin and vasopressin neurons in the hypothalamic paraventricular nucleus: a study in male and female rats. <i>Brain Structure and Function</i> , 2020 , 225, 285-304	4	4
9	Estrous Cycle Modulation of Feeding and Relaxin-3/Rxrp3 mRNA Expression: Implications for Estradiol Action. <i>Neuroendocrinology</i> , 2021 , 111, 1201-1218	5.6	3
8	Relaxins 2013 , 907-916		2
7	Bi-directional communication between pontine nucleus incertus and the medial septum is carried out by electrophysiologically distinct neuronal populations.. <i>Journal of Neuroscience</i> , 2022 ,	6.6	2
6	Multicut lower bounds via network coding 2013 ,		1
5	The Serializability of Network Codes. <i>Lecture Notes in Computer Science</i> , 2010 , 100-114	0.9	1
4	Loss of mu and delta opioid receptors on neurons expressing dopamine receptor D1 has no effect on reward sensitivity. <i>Neuropharmacology</i> , 2020 , 180, 108307	5.5	0
3	Functional Neuroanatomy of the Rat Nucleus Incertus-Medial Septum Tract: Implications for the Cell-Specific Control of the Septohippocampal Pathway.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 836116	6.1	0
2	The responsiveness of the rat intergeniculate leaflet neurons to glutamatergic agonists. <i>Journal of Physiology and Pharmacology</i> , 2007 , 58, 669-81	2.1	
1	Functional Neuroanatomy of Relaxin-3/RXFP3 Systems in the Brain: Implications for Integrated Neuroendocrine and Behavioural Control. <i>Masterclass in Neuroendocrinology</i> , 2021 , 487-511	0.2	