W Mark Fry

List of Publications by Year
in descending order

30 papers	763 citations	623188 14 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	938 citing authors

#	Article	IF	Citations
1	The sensory circumventricular organs: Brain targets for circulating signals controlling ingestive behavior. Physiology and Behavior, 2007, 91, 413-423.	1.0	129
2	Area Postrema Neurons Are Modulated by the Adipocyte Hormone Adiponectin. Journal of Neuroscience, 2006, 26, 9695-9702.	1.7	85
3	The Subfornical Organ: A Central Target for Circulating Feeding Signals. Journal of Neuroscience, 2006, 26, 2022-2030.	1.7	83
4	Adiponectin selectively inhibits oxytocin neurons of the paraventricular nucleus of the hypothalamus. Journal of Physiology, 2007, 585, 805-816.	1.3	58
5	Microarray analysis of the transcriptome of the subfornical organ in the rat: regulation by fluid and food deprivation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1914-R1920.	0.9	57
6	Ghrelin modulates electrical activity of area postrema neurons. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R485-R492.	0.9	45
7	Making sense of it: roles of the sensory circumventricular organs in feeding and regulation of energy homeostasis. Experimental Biology and Medicine, 2007, 232, 14-26.	1.1	37
8	Ghrelin: Central Nervous System Sites of Action in Regulation of Energy Balance. International Journal of Peptides, 2010, 2010, 1-8.	0.7	33
9	Developmental expression of Na+ currents in mouse Purkinje neurons. European Journal of Neuroscience, 2006, 24, 2557-2566.	1.2	31
10	Actions of adiponectin on the excitability of subfornical organ neurons are altered by food deprivation. Brain Research, 2010, 1330, 72-82.	1.1	26
11	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. Journal of Physiology, 2011, 589, 4457-4471.	1.3	22
12	The transcriptome of the medullary area postrema: the thirsty rat, the hungry rat and the hypertensive rat. Experimental Physiology, 2011, 96, 495-504.	0.9	17
13	Insulin modulates the electrical activity of subfornical organ neurons. NeuroReport, 2013, 24, 329-334.	0.6	17
14	Regional and genotypic differences in intrinsic electrophysiological properties of cerebellar Purkinje neurons from wild-type and dystrophin-deficient mdx mice. Neurobiology of Learning and Memory, 2014, 107, 19-31.	1.0	14
15	Increased Density of Dystrophin Protein in the Lateral Versus the Vermal Mouse Cerebellum. Cellular and Molecular Neurobiology, 2013, 33, 513-520.	1.7	13
16	A review of 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane in the environment and assessment of its persistence, bioaccumulation and toxicity. Environmental Research, 2021, 195, 110497.	3.7	13
17	Differentiated pattern of sodium channel expression in dissociated Purkinje neurons maintained in long-term culture. Journal of Neurochemistry, 2007, 101, 737-748.	2.1	12
18	Prokineticin 2 influences subfornical organ neurons through regulation of MAP kinase and the modulation of sodium channels. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R848-R856.	0.9	10

#	Article	IF	Citations
19	Subthreshold oscillations of membrane potential of rat subfornical organ neurons. NeuroReport, 2007, 18, 1389-1393.	0.6	8
20	Acute Î²-tetrabromoethylcyclohexane (Î²-TBECH) treatment inhibits the electrical activity of rat Purkinje neurons.. Chemosphere, 2019, 231, 301-307.	4.2	8
21	The transcriptome of the rat subfornical organ is altered in response to early postnatal overnutrition. IBRO Reports, 2018, 5, 17-23.	0.3	7
22	Cloning and expression of three K+ channel cDNAs from Xenopus muscle. Molecular Brain Research, 2001, 90, 135-148.	2.5	6
23	Lack of current observed in HEK293 cells expressing NALCN channels. Biochimie Open, 2018, 6, 24-28.	3.2	5
24	Ionic mechanisms underlying tonic and burst firing behavior in subfornical organ neurons: a combined experimental and modeling study. Journal of Neurophysiology, 2018, 120, 2269-2281.	0.9	5
25	Electrophysiological properties of rat subfornical organ neurons expressing calbindin D28K. Neuroscience, 2019, 404, 459-469.	1.1	5
26	The subfornical organ and organum vasculosum of the lamina terminalis: Critical roles in cardiovascular regulation and the control of fluid balance. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 180, 203-215.	1.0	5
27	Adenoviral-mediated expression of functional na+ channel ?1 subunits tagged with a yellow fluorescent protein. Journal of Neuroscience Research, 2003, 74, 794-800.	1.3	4
28	Ghrelin alters neurite outgrowth and electrophysiological properties of mouse ventrolateral arcuate tyrosine hydroxylase neurons in culture. Biochemical and Biophysical Research Communications, 2015, 466, 682-688.	1.0	4
29	Properties of Xenopus Kv1.10 channels expressed in HEK293 cells. Journal of Neurobiology, 2004, 60, 227-235.	3.7	3
30	Recording from Macropatches. , 2002, , 287-300.		1