

Hong Gao

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.

19
papers

664
citations

11
h-index

20
g-index

20
ext. papers

844
ext. citations

6.8
avg, IF

3.65
L-index

#	Paper	IF	Citations
19	Characterization of ferroptosis in murine models of hemochromatosis. <i>Hepatology</i> , 2017 , 66, 449-465	11.2	238
18	Manganese transporter Slc39a14 deficiency revealed its key role in maintaining manganese homeostasis in mice. <i>Cell Discovery</i> , 2017 , 3, 17025	22.3	60
17	ACE2 and ADAM17 Interaction Regulates the Activity of Presympathetic Neurons. <i>Hypertension</i> , 2019 , 74, 1181-1191	8.5	54
16	Functional plasticity of central TRPV1 receptors in brainstem dorsal vagal complex circuits of streptozotocin-treated hyperglycemic mice. <i>Journal of Neuroscience</i> , 2011 , 31, 14024-31	6.6	52
15	Tonic GABAA receptor-mediated inhibition in the rat dorsal motor nucleus of the vagus. <i>Journal of Neurophysiology</i> , 2010 , 103, 904-14	3.2	41
14	Transient receptor potential vanilloid type 1-dependent regulation of liver-related neurons in the paraventricular nucleus of the hypothalamus diminished in the type 1 diabetic mouse. <i>Diabetes</i> , 2012 , 61, 1381-90	0.9	39
13	Metal transporter Slc39a10 regulates susceptibility to inflammatory stimuli by controlling macrophage survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12940-12945	11.5	33
12	Morphological and electrophysiological features of motor neurons and putative interneurons in the dorsal vagal complex of rats and mice. <i>Brain Research</i> , 2009 , 1291, 40-52	3.7	32
11	Zolpidem modulation of phasic and tonic GABA currents in the rat dorsal motor nucleus of the vagus. <i>Neuropharmacology</i> , 2010 , 58, 1220-7	5.5	27
10	Immunohistochemical localization of transient receptor potential vanilloid type 1 and insulin receptor substrate 2 and their co-localization with liver-related neurons in the hypothalamus and brainstem. <i>Brain Research</i> , 2011 , 1398, 30-9	3.7	21
9	Preoptic leptin signaling modulates energy balance independent of body temperature regulation. <i>ELife</i> , 2018 , 7,	8.9	16
8	Overactivity of Liver-Related Neurons in the Paraventricular Nucleus of the Hypothalamus: Electrophysiological Findings in Mice. <i>Journal of Neuroscience</i> , 2017 , 37, 11140-11150	6.6	11
7	Reduced GABAergic inhibition of kidney-related PVN neurons in streptozotocin-treated type 1 diabetic mouse. <i>Journal of Neurophysiology</i> , 2013 , 110, 2192-202	3.2	10
6	Regulation of leptin receptor-expressing neurons in the brainstem by TRPV1. <i>Physiological Reports</i> , 2014 , 2, e12160	2.6	9
5	Hemojuvelin regulates the innate immune response to peritoneal bacterial infection in mice. <i>Cell Discovery</i> , 2017 , 3, 17028	22.3	8
4	Synaptic and extrasynaptic transmission of kidney-related neurons in the rostral ventrolateral medulla. <i>Journal of Neurophysiology</i> , 2013 , 110, 2637-47	3.2	7
3	Glycinergic neurotransmission in the rostral ventrolateral medulla controls the time course of baroreflex-mediated sympathoinhibition. <i>Journal of Physiology</i> , 2019 , 597, 283-301	3.9	4

- 2 Neuronal Lipoprotein Lipase Deficiency Alters Neuronal Function and Hepatic Metabolism. *Metabolites*, **2020**, 10, 5.6 2
- 1 Insulin-dependent Decrease of Excitatory Neurotransmission in Preautonomic PVN Neurons Is Reduced in Diet-induced Obese Mice. *FASEB Journal*, **2019**, 33, 555.1 0.9