

# Andrei V Derbenev

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Leptin receptor neurons in the dorsomedial hypothalamus are key regulators of energy expenditure and body weight, but not food intake. <i>Molecular Metabolism</i> , 2014, 3, 681-693.	6.5	165
2	Glutamatergic Preoptic Area Neurons That Express Leptin Receptors Drive Temperature-Dependent Body Weight Homeostasis. <i>Journal of Neuroscience</i> , 2016, 36, 5034-5046.	3.6	108
3	Cannabinoids suppress synaptic input to neurones of the rat dorsal motor nucleus of the vagus nerve. <i>Journal of Physiology</i> , 2004, 559, 923-938.	2.9	106
4	Potential therapeutic value of TRPV1 and TRPA1 in diabetes mellitus and obesity. <i>Seminars in Immunopathology</i> , 2016, 38, 397-406.	6.1	63
5	Vanilloid-Mediated Heterosynaptic Facilitation of Inhibitory Synaptic Input to Neurons of the Rat Dorsal Motor Nucleus of the Vagus. <i>Journal of Neuroscience</i> , 2006, 26, 9666-9672.	3.6	62
6	Functional Plasticity of Central TRPV1 Receptors in Brainstem Dorsal Vagal Complex Circuits of Streptozotocin-Treated Hyperglycemic Mice. <i>Journal of Neuroscience</i> , 2011, 31, 14024-14031.	3.6	56
7	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, 1381-1390.	0.6	45
8	TRP Channels as Therapeutic Targets in Diabetes and Obesity. <i>Pharmaceuticals</i> , 2016, 9, 50.	3.8	35
9	Preoptic leptin signaling modulates energy balance independent of body temperature regulation. <i>ELife</i> , 2018, 7, .	6.0	28
10	Interaction between TRPV1-expressing neurons in the hypothalamus. <i>Journal of Neurophysiology</i> , 2019, 121, 140-151.	1.8	22
11	Central control of autonomic functions in health and disease. <i>Frontiers in Neuroscience</i> , 2014, 8, 440.	2.8	15
12	Regulation of leptin receptor-expressing neurons in the brainstem by TRPV1. <i>Physiological Reports</i> , 2014, 2, e12160.	1.7	12
13	Sympathetic innervation of the mouse kidney and liver arising from prevertebral ganglia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R328-R337.	1.8	12
14	TRPV1-dependent regulation of synaptic activity in the mouse dorsal motor nucleus of the vagus nerve. <i>Frontiers in Neuroscience</i> , 2013, 7, 238.	2.8	11
15	Glycinergic neurotransmission in the rostral ventrolateral medulla controls the time course of baroreflex-mediated sympathoinhibition. <i>Journal of Physiology</i> , 2019, 597, 283-301.	2.9	10
16	Synaptic and extrasynaptic transmission of kidney-related neurons in the rostral ventrolateral medulla. <i>Journal of Neurophysiology</i> , 2013, 110, 2637-2647.	1.8	8
17	TRPV1-MEDIATED MODULATION OF SYNAPTIC INPUTS IN IDENTIFIED KIDNEY-RELATED PRE-SYMPATHETIC IMI NEURONS. <i>FASEB Journal</i> , 2010, 24, 1051.9.	0.5	0
18	Central TRPV1 signaling regulates systemic blood glucose levels and hepatic PEPCK protein expression. <i>FASEB Journal</i> , 2012, 26, .	0.5	0