Andrea Zsombok

List of Publications by Citations

34 papers	827 citations	16 h-index	28 g-index
36 ext. papers	1,023 ext. citations	4.3 avg, IF	4.48 L-index

#	Paper	IF	Citations
34	Leptin receptor neurons in the dorsomedial hypothalamus are key regulators of energy expenditure and body weight, but not food intake. *Molecular Metabolism*, **2014**, 3, 681-93	8.8	121
33	Lipid Processing in the Brain: A Key Regulator of Systemic Metabolism. *Frontiers in Endocrinology*, **2017**, 8, 60	5.7	85
32	Glutamatergic Preoptic Area Neurons That Express Leptin Receptors Drive Temperature-Dependent Body Weight Homeostasis. *Journal of Neuroscience*, **2016**, 36, 5034-46	6.6	79
31	ACE2 and ADAM17 Interaction Regulates the Activity of Presympathetic Neurons. *Hypertension*, **2019**, 74, 1181-1191	8.5	54
30	Potential therapeutic value of TRPV1 and TRPA1 in diabetes mellitus and obesity. *Seminars in Immunopathology*, **2016**, 38, 397-406	12	46
29	Basophilia, acidophilia and argyrophilia of "dark" (compacted) neurons during their formation, recovery or death in an otherwise undamaged environment. *Journal of Neuroscience Methods*, **2005**, 142, 145-52	3	43
28	Urinary angiotensinogen as a novel early biomarker of intrarenal renin-angiotensin system activation in experimental type 1 diabetes. *Journal of Pharmacological Sciences*, **2012**, 119, 314-23	3.7	41
27	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. *Diabetes*, **2012**, 61, 1381-90	0.9	39
26	Sensitization of the Hypothalamic-Pituitary-Adrenal Axis in a Male Rat Chronic Stress Model. *Endocrinology*, **2016**, 157, 2346-55	4.8	39
25	Vanilloid receptors--do they have a role in whole body metabolism? Evidence from TRPV1. *Journal of Diabetes and Its Complications*, **2013**, 27, 287-92	3.2	36
24	Androgen excess in pancreatic cells and neurons predisposes female mice to type 2 diabetes. *JCI Insight*, **2018**, 3,	9.9	32
23	TRP Channels as Therapeutic Targets in Diabetes and Obesity. *Pharmaceuticals*, **2016**, 9,	5.2	25
22	Loss of Nuclear and Membrane Estrogen Receptor- Differentially Impairs Insulin Secretion and Action in Male and Female Mice. *Diabetes*, **2019**, 68, 490-501	0.9	24
21	Brain-liver connections: role of the preautonomic PVN neurons. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E183-9	6	23
20	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. *Brain Research*, **2011**, 1398, 30-9	3.7	21
19	Activation of ADAM17 (A Disintegrin and Metalloprotease 17) on Glutamatergic Neurons Selectively Promotes Sympathoexcitation. *Hypertension*, **2019**, 73, 1266-1274	8.5	17
18	Preoptic leptin signaling modulates energy balance independent of body temperature regulation. *ELife*, **2018**, 7,	8.9	16

17	Central control of autonomic functions in health and disease. *Frontiers in Neuroscience*, **2014**, 8, 440	5.1	14
16	Perinatal Exposure to Western Diet Programs Autonomic Dysfunction in the Male Offspring. *Cellular and Molecular Neurobiology*, **2018**, 38, 233-242	4.6	13
15	Brain stem as a target site for the metabolic side effects of olanzapine. *Journal of Neurophysiology*, **2016**, 115, 1389-98	3.2	12
14	Overactivity of Liver-Related Neurons in the Paraventricular Nucleus of the Hypothalamus: Electrophysiological Findings in Mice. *Journal of Neuroscience*, **2017**, 37, 11140-11150	6.6	11
13	Reduced GABAergic inhibition of kidney-related PVN neurons in streptozotocin-treated type 1 diabetic mouse. *Journal of Neurophysiology*, **2013**, 110, 2192-202	3.2	10
12	Regulation of leptin receptor-expressing neurons in the brainstem by TRPV1. *Physiological Reports*, **2014**, 2, e12160	2.6	9
11	Interaction between TRPV1-expressing neurons in the hypothalamus. *Journal of Neurophysiology*, **2019**, 121, 140-151	3.2	8
10	Autonomic control and bariatric procedures. *Autonomic Neuroscience: Basic and Clinical*, **2013**, 177, 81-6	2.4	2
9	Alarming evidence: high fat diet alters brainstem circuits prior to the development of obesity. *Journal of Physiology*, **2015**, 593, 1	3.9	2
8	Regulation of neurons in the dorsal motor nucleus of the vagus by SIRT1. *Frontiers in Neuroscience*, **2014**, 7, 270	5.1	2
7	Neuronal Lipoprotein Lipase Deficiency Alters Neuronal Function and Hepatic Metabolism. *Metabolites*, **2020**, 10,	5.6	2
6	Sympathetic innervation of the mouse kidney and liver arising from prevertebral ganglia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 321, R328-R337	3.2	1
5	Role of Hypothalamic TRPV1-Expressing Neurons in the Regulation of Energy Homeostasis. *FASEB Journal*, **2018**, 32, 923.6	0.9	
4	Coordination of Homeostatic Functions by Intrascapular Brown Adipose Tissue- and Pancreas-related Command Neurons. *FASEB Journal*, **2018**, 32, 766.3	0.9	
3	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	
2	The Sodium-Activated Sodium Channel (Nax) present in kidney thick ascending limb and collecting duct cells is augmented during high salt intake. *FASEB Journal*, **2011**, 25, 1039.30	0.9	
1	NADPH-diaphorase histochemistry selectively stains peripheral and central sensory structures of lumbricid earhworms. *Acta Biologica Hungarica*, **2016**, 67, 364-372		