

Katsuya Nagai

List of Publications by Year in descending order

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2,007
citations

270111

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#	ARTICLE	IF	CITATIONS
1	Effects of ethyl hexanoate on activities of sympathetic nerves innervating the brown and white adipose tissues, body temperature, and plasma fatty acids. <i>Neuroscience Letters</i> , 2020, 737, 135319.	1.0	2
2	Topical application of l-carnosine to skeletal muscle excites the sympathetic nerve innervating the contralateral skeletal muscle in rats. <i>Amino Acids</i> , 2019, 51, 39-48.	1.2	7
3	Effects of olfactory stimulation with scents of grapefruit and lavender essential oils on the skeletal muscle sympathetic nerve and muscle blood flow in rats. <i>Flavour and Fragrance Journal</i> , 2018, 33, 135-143.	1.2	4
4	Î ² -eudesmol, an oxygenized sesquiterpene, affects efferent adrenal sympathetic nerve activity via transient receptor potential ankyrin 1 in rats. <i>Neuroscience Letters</i> , 2018, 684, 18-24.	1.0	8
5	l-Carnosine's dose-dependent effects on muscle sympathetic nerves and blood flow. <i>Neuroscience Letters</i> , 2015, 591, 144-148.	1.0	8
6	Effect of grapefruit and lavender essential oil scents on pancreatic sympathetic nerve activity and plasma glucose in rats. <i>Flavour and Fragrance Journal</i> , 2015, 30, 282-287.	1.2	3
7	Olfactory stimulatory with grapefruit and lavender oils change autonomic nerve activity and physiological function. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 185, 29-35.	1.4	52
8	Effects of l-carnosine on splenic sympathetic nerve activity and tumor proliferation. <i>Neuroscience Letters</i> , 2012, 510, 1-5.	1.0	39
9	Role of l-carnosine in the control of blood glucose, blood pressure, thermogenesis, and lipolysis by autonomic nerves in rats: involvement of the circadian clock and histamine. <i>Amino Acids</i> , 2012, 43, 97-109.	1.2	67
10	â—...è šãèèè šãèèè æžã«ã, ^ã, è†ªã¾çŸžçµCEã%ãCE- â€”ã½“ã†...æ™, è~ã•ãf'ã, 1ã, žãfÿãf³çŸžçµCEç³»ãèé-çã, žãç. <i>Equilibrium Rese</i>		
11	Skin application of urea-containing cream affected cutaneous arterial sympathetic nerve activity, blood flow, and water evaporation. <i>Skin Research and Technology</i> , 2011, 17, 75-81.	0.8	12
12	Effect of anserine ingestion on hyperglycemia and the autonomic nerves in rats and humans. <i>Nutritional Neuroscience</i> , 2010, 13, 183-188.	1.5	19
13	Effects of L-arginine and L-lysine mixtures on splenic sympathetic nerve activity and tumor proliferation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 147, 86-90.	1.4	10
14	Effect of 4G-Î±-glucopyranosyl hesperidin on brown fat adipose tissue- and cutaneous-sympathetic nerve activity and peripheral body temperature. <i>Neuroscience Letters</i> , 2009, 461, 30-35.	1.0	22
15	Day-night difference in thermoregulatory responses to olfactory stimulation. <i>Neuroscience Letters</i> , 2008, 439, 192-197.	1.0	16
16	Regulation of sympathetic nerve activity by l-carnosine in mammalian white adipose tissue. <i>Neuroscience Letters</i> , 2008, 441, 100-104.	1.0	16
17	Colocalization of a carnosine-splitting enzyme, tissue carnosinase (CN2)/cytosolic non-specific dipeptidase 2 (CNDP2), with histidine decarboxylase in the tuberomammillary nucleus of the hypothalamus. <i>Neuroscience Letters</i> , 2008, 445, 166-169.	1.0	26
18	Effects of olfactory stimulations with scents of grapefruit and lavender oils on renal sympathetic nerve and blood pressure in Clock mutant mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 139, 1-8.	1.4	25

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19	Structural Basis for Substrate Recognition and Hydrolysis by Mouse Carnosinase CN2. <i>Journal of Biological Chemistry</i> , 2008, 283, 27289-27299.	1.6	48
20	Effects of central injection of l-carnosine on sympathetic nerve activity innervating brown adipose tissue and body temperature in rats. <i>Regulatory Peptides</i> , 2007, 144, 62-71.	1.9	29
21	Involvement of the histaminergic system in renal sympathetic and cardiovascular responses to leptin and ghrelin. <i>Neuroscience Letters</i> , 2007, 413, 88-92.	1.0	29
22	Autonomic and cardiovascular responses to scent stimulation are altered in cry KO mice. <i>Neuroscience Letters</i> , 2007, 413, 177-182.	1.0	33
23	Mechanism of changes induced in plasma glycerol by scent stimulation with grapefruit and lavender essential oils. <i>Neuroscience Letters</i> , 2007, 416, 241-246.	1.0	20
24	Auditory stimulation affects renal sympathetic nerve activity and blood pressure in rats. <i>Neuroscience Letters</i> , 2007, 416, 107-112.	1.0	47
25	Olfactory stimulation with scent of lavender oil affects autonomic neurotransmission and blood pressure in rats. <i>Neuroscience Letters</i> , 2006, 398, 155-160.	1.0	94
26	Olfactory stimulation with scent of essential oil of grapefruit affects autonomic neurotransmission and blood pressure. <i>Brain Research</i> , 2005, 1058, 44-55.	1.1	82
27	Dose-dependent effects of l-carnosine on the renal sympathetic nerve and blood pressure in urethane-anesthetized rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R447-R455.	0.9	56
28	Identification and Characterization of a Mouse Dipeptidase That Hydrolyzes l-Carnosine. <i>Journal of Biochemistry</i> , 2005, 137, 167-175.	0.9	44
29	Olfactory stimulation with scent of grapefruit oil affects autonomic nerves, lipolysis and appetite in rats. <i>Neuroscience Letters</i> , 2005, 380, 289-294.	1.0	109
30	Olfactory stimulation with scent of lavender oil affects autonomic nerves, lipolysis and appetite in rats. <i>Neuroscience Letters</i> , 2005, 383, 188-193.	1.0	85
31	The suprachiasmatic nucleus balances sympathetic and parasympathetic output to peripheral organs through separate preautonomic neurons. <i>Journal of Comparative Neurology</i> , 2003, 464, 36-48.	0.9	316
32	Possible Role of L-Carnosine in the Regulation of Blood Glucose through Controlling Autonomic Nerves. <i>Experimental Biology and Medicine</i> , 2003, 228, 1138-1145.	1.1	102
33	Effect of Olfactory Stimulation with Flavor of Grapefruit Oil and Lemon Oil on the Activity of Sympathetic Branch in the White Adipose Tissue of the Epididymis. <i>Experimental Biology and Medicine</i> , 2003, 228, 1190-1192.	1.1	40
34	Effects of l-carnosine on renal sympathetic nerve activity and DOCA-salt hypertension in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 97, 99-102.	1.4	46
35	Effect of L-carnosine on the hyperglycemia caused by intracranial injection of 2-deoxy-D-glucose in rats. <i>Neuroscience Letters</i> , 2001, 313, 78-82.	1.0	60
36	Parasympathetic and sympathetic control of the pancreas: A role for the suprachiasmatic nucleus and other hypothalamic centers that are involved in the regulation of food intake. <i>Journal of Comparative Neurology</i> , 2001, 431, 405-423.	0.9	280

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37	Increase in peripheral blood flow due to extraocular direct irradiation of visible light in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1141-H1146.	1.5	8
38	Effect of bilateral lesions of the suprachiasmatic nucleus on hyperglycemia caused by 2-deoxy-d-glucose and vasoactive intestinal peptide in rats. Brain Research, 1998, 809, 165-174.	1.1	31
39	Effect of intravenous administration of melatonin on the efferent activity of the adrenal nerve. Journal of the Autonomic Nervous System, 1998, 71, 134-138.	1.9	12
40	Bilateral lesions of the hypothalamic suprachiasmatic nucleus eliminated sympathetic response to intracranial injection of 2-deoxy-d-glucose and VIP rescued this response. Brain Research Bulletin, 1996, 39, 293-297.	1.4	27
41	ROLE OF THE SUPRACHIASMATIC NUCLEUS IN GLUCOSE HOMEOSTASIS . Biomedical Research, 1984, 5, 55-60.	0.3	41
42	TIME-DEPENDENT HYPERGLYCEMIC ACTIONS OF CENTRALLY ADMINISTERED 2-DEOXY-D-GLUCOSE, D-MANNITOL, AND D-GLUCOSE . Biomedical Research, 1982, 3, 288-293.	0.3	32