KEI NAGASHIMA

List of Publications by Year
in descending order

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		566801	580395
25	1,197	15	25
papers	citations	h-index	g-index

25	25	25	1217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuronal circuitries involved in thermoregulation. Autonomic Neuroscience: Basic and Clinical, 2000, 85, 18-25.	1.4	238
2	Regional differences in temperature sensation and thermal comfort in humans. Journal of Applied Physiology, 2008, 105, 1897-1906.	1.2	155
3	Role of the medullary raphÃ© in thermoregulatory vasomotor control in rats. Journal of Physiology, 2002, 540, 657-664.	1.3	99
4	Intragastric administration of capsiate, a transient receptor potential channel agonist, triggers thermogenic sympathetic responses. Journal of Applied Physiology, 2011, 110, 789-798.	1.2	94
5	Fos activation in hypothalamic neurons during cold or warm exposure: Projections to periaqueductal gray matter. Neuroscience, 2005, 133, 1039-1046.	1.1	83
6	Relative importance of different surface regions for thermal comfort in humans. European Journal of Applied Physiology, 2013, 113, 63-76.	1.2	73
7	Brain activation during whole body cooling in humans studied with functional magnetic resonance imaging. Neuroscience Letters, 2002, 329, 157-160.	1.0	61
8	Concepts to utilize in describing thermoregulation and neurophysiological evidence for how the system works. European Journal of Applied Physiology, 2010, 109, 5-11.	1.2	61
9	Reflex activation of rat fusimotor neurons by body surface cooling, and its dependence on the medullary raphÃ©. Journal of Physiology, 2006, 572, 569-583.	1.3	59
10	Central Mechanisms for Thermoregulation in a Hot Environment. Industrial Health, 2006, 44, 359-367.	0.4	43
11	Effects of alcohol on thermoregulation during mild heat exposure in humans. Alcohol, 2005, 36, 195-200.	0.8	40
12	The involvement of Cry1 and Cry2 genes in the regulation of the circadian body temperature rhythm in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R329-R335.	0.9	31
13	Assessment of axillary temperature for the evaluation of normal body temperature of healthy young adults at rest in a thermoneutral environment. Journal of Physiological Anthropology, 2017, 36, 18.	1.0	26
14	Thermoregulation in the cold changes depending on the time of day and feeding condition: physiological and anatomical analyses of involved circadian mechanisms. Neuroscience, 2009, 164, 1377-1386.	1.1	21
15	Estrogen in the medial preoptic nucleus of the hypothalamus modulates cold responses in female rats. Brain Research, 2010, 1339, 49-59.	1.1	18
16	Thermoregulation and menstrual cycle. Temperature, 2015, 2, 320-321.	1.7	17
17	Characteristics of activated neurons in the suprachiasmatic nucleus when mice become hypothermic during fasting and cold exposure. Neuroscience Letters, 2014, 579, 177-182.	1.0	15
18	Estimation of the core temperature control during ambient temperature changes and the influence of circadian rhythm and metabolic conditions in mice. Journal of Thermal Biology, 2015, 51, 47-54.	1.1	14

#	Article	IF	Citations
19	Cold exposure and/or fasting modulate the relationship between sleep and body temperature rhythms in mice. Physiology and Behavior, 2015, 149, 69-75.	1.0	12
20	Mild hypohydration induced by exercise in the heat attenuates autonomic thermoregulatory responses to the heat, but not thermal pleasantness in humans. Physiology and Behavior, 2010, 100, 340-345.	1.0	10
21	Hyperosmolality in the plasma modulates behavioral thermoregulation in mice: The quantitative and multilateral assessment using a new experimental system. Physiology and Behavior, 2012, 105, 536-543.	1.0	9
22	Tail position affects the body temperature of rats during cold exposure in a low-energy state. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2012, 198, 89-95.	0.7	9
23	Influence of osmotic stress on thermal perception and thermoregulation in heat is different between sedentary and trained men. Physiology and Behavior, 2016, 161, 66-73.	1.0	7
24	Thermal information from the skin: the signal processing and the role in behavioral thermoregulation. Temperature, 2015, 2, 334-335.	1.7	1
25	Influence of exogenous and endogenous estrogen on thermoregulatory responses to mild heat and the interaction with light and dark phases. Journal of Physiological Sciences, 2020, 70, 56.	0.9	1