

Akira Takamata

List of Publications by Year in descending order

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55
papers

967
citations

430442

18
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525886

27
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56
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56
docs citations

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times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous Androgens Diminish Food Intake and Activation of Orexin A Neurons in Response to Reduced Glucose Availability in Male Rats. <i>Nutrients</i> , 2022, 14, 1235.	1.7	1
2	Estradiol replacement improves high-fat diet-induced insulin resistance in ovariectomized rats. <i>Physiological Reports</i> , 2022, 10, e15193.	0.7	3
3	Fluoxetine Mimics the Anorectic Action of Estrogen and Its Regulation of Circadian Feeding in Ovariectomized Female Rats. <i>Nutrients</i> , 2020, 12, 849.	1.7	3
4	Estradiol Replacement Improves High-Fat Diet-Induced Obesity by Suppressing the Action of Ghrelin in Ovariectomized Rats. <i>Nutrients</i> , 2020, 12, 907.	1.7	11
5	The effect of menstrual cycle phase on foot skin temperature during mild local cooling in young women. <i>Journal of Physiological Sciences</i> , 2019, 69, 151-157.	0.9	6
6	Endurance running exercise is an effective alternative to estradiol replacement for restoring hyperglycemia through TBC1D1/GLUT4 pathway in skeletal muscle of ovariectomized rats. <i>Journal of Physiological Sciences</i> , 2019, 69, 1029-1040.	0.9	2
7	Estrogen replacement attenuates stress-induced pressor responses through vasorelaxation via β_2 -adrenoceptors in peripheral arteries of ovariectomized rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H213-H223.	1.5	3
8	Estrogen replacement enhances insulin-induced AS160 activation and improves insulin sensitivity in ovariectomized rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1296-E1304.	1.8	12
9	Blood pressure predicts endothelial function and the effects of ethinyl estradiol exposure in young women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H925-H933.	1.5	8
10	S-equol Exerts Estradiol-Like Anorectic Action with Minimal Stimulation of Estrogen Receptor- α in Ovariectomized Rats. <i>Frontiers in Endocrinology</i> , 2017, 8, 281.	1.5	13
11	Effects of estrogen replacement on stress-induced cardiovascular responses via renin-angiotensin system in ovariectomized rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R898-R905.	0.9	10
12	Target intensity and interval walking training in water to enhance physical fitness in middle-aged and older women: a randomised controlled study. <i>European Journal of Applied Physiology</i> , 2016, 116, 203-215.	1.2	5
13	Involvement of orexin-A neurons but not melanin-concentrating hormone neurons in the short-term regulation of food intake in rats. <i>Journal of Physiological Sciences</i> , 2014, 64, 203-211.	0.9	12
14	Mn-citrate and Mn-HIDA: intermediate-affinity chelates for manganese-enhanced MRI. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 140-146.	0.4	4
15	Modification of thermoregulatory response to heat stress by body fluid regulation. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 479-489.	0.2	2
16	Lateral diffusion of manganese in the rat brain determined by T1 relaxation time measured by 1H MRI. <i>Journal of Physiological Sciences</i> , 2011, 61, 259-266.	0.9	1
17	Mn-bicine: A low affinity chelate for manganese ion enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1005-1012.	1.9	10
18	Chronic oestrogen replacement in ovariectomised rats attenuates food intake and augments c-Fos expression in the suprachiasmatic nucleus specifically during the light phase. <i>British Journal of Nutrition</i> , 2011, 106, 1283-1289.	1.2	8

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19	Plasma hyperosmolality elevates the internal temperature threshold for active thermoregulatory vasodilation during heat stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1706-R1712.	0.9	37
20	Involvement of central angiotensin II type 1 receptors in LPS-induced systemic vasopressin release and blood pressure regulation in rats. <i>Journal of Applied Physiology</i> , 2009, 106, 1943-1948.	1.2	5
21	Effects of Estrogen on Stress-induced Activation of Peptide Neurons in PVN of Ovariectomized Rats. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 99-105.	1.8	1
22	Estrogen Replacement Suppresses Pressor Response and Oxidative Stress Induced by Cage-switch Stress in Ovariectomized Rats. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 213-218.	1.8	8
23	Mental stress induces sustained elevation of blood pressure and lipid peroxidation in postmenopausal women. <i>Life Sciences</i> , 2008, 82, 99-107.	2.0	21
24	Acute hypoosmolality attenuates the suppression of cutaneous vasodilation with increased exercise intensity. <i>Journal of Applied Physiology</i> , 2005, 99, 902-908.	1.2	23
25	Plasma hyperosmolality augments peripheral vascular response to baroreceptor unloading during heat stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R432-R440.	0.9	18
26	Effect of Environmental Conditions on Tear Dynamics in Soft Contact Lens Wearers. , 2004, 45, 2563.		95
27	Sequence of forebrain activation induced by intraventricular injection of hypertonic NaCl detected by Mn ²⁺ contrasted T1-weighted MRI. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 113, 43-54.	1.4	22
28	Effect of Amino Acid Infusion on Central Thermoregulatory Control in Humans. <i>Anesthesiology</i> , 2004, 100, 634-639.	1.3	42
29	Reduced Blood-to-Tissue Albumin Movement After Plasmapheresis. <i>Shock</i> , 2003, 19, 440-447.	1.0	3
30	Upright Posture Reduces Thermogenesis and Augments Core Hypothermia. <i>Anesthesia and Analgesia</i> , 2002, 94, 1646-1651.	1.1	14
31	Detection of hypothalamic activation by manganese ion contrasted T1-weighted magnetic resonance imaging in rats. <i>Neuroscience Letters</i> , 2002, 326, 101-104.	1.0	39
32	Water permeability of capillaries in the subfornical organ of rats determined by Gd-DTPA enhanced 1 H magnetic resonance imaging. <i>Journal of Physiology</i> , 2002, 545, 217-228.	1.3	14
33	Relationship of osmotic inhibition in thermoregulatory responses and sweat sodium concentration in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R623-R629.	0.9	40
34	Effects of pCO ₂ on the CSF Turnover Rate in Rats Monitored by Gd-DTPA Enhanced T1-Weighted Magnetic Resonance Imaging.. <i>The Japanese Journal of Physiology</i> , 2001, 51, 555-562.	0.9	11
35	Role of Blood Volume in the Age-Associated Decline in Peak Oxygen Uptake in Humans.. <i>The Japanese Journal of Physiology</i> , 2001, 51, 607-612.	0.9	6
36	Merits of Diluted Sweat with Training on Arterial Pressure and Body Temperature Regulation in Heat Stress. , 2001, , 68-73.		1

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37	LPS-induced Fos expression in oxytocin and vasopressin neurons of the rat hypothalamus. <i>Brain Research</i> , 2000, 858, 9-18.	1.1	59
38	Effect of acute hypoxia on vasopressin release and intravascular fluid during dynamic exercise in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R161-R168.	0.9	25
39	Baroreflex modulation of peripheral vasoconstriction during progressive hypothermia in anesthetized humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1430-R1436.	0.9	21
40	Effect of an exercise-heat acclimation program on body fluid regulatory responses to dehydration in older men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1041-R1050.	0.9	35
41	Comparison between Tail Skin Blood Flow Measurements by Ultrasonic Doppler Flowmetry and Plethysmography during Heating in Anesthetized Rats.. <i>The Japanese Journal of Physiology</i> , 1999, 49, 121-124.	0.9	9
42	Chapter 24 Thermoregulation and body fluid in hot environment. <i>Progress in Brain Research</i> , 1998, 115, 499-508.	0.9	14
43	Effect of continuous negative-pressure breathing on skin blood flow during exercise in a hot environment. <i>Journal of Applied Physiology</i> , 1998, 84, 1845-1851.	1.2	34
44	Role of plasma osmolality in the delayed onset of thermal cutaneous vasodilation during exercise in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R286-R290.	0.9	35
45	Plasma hyperosmolality and arterial pressure regulation during heating in dehydrated and awake rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1703-R1711.	0.9	22
46	Negative Pressure Breathing and the Control of Skin Blood Flow during Exercise in a Hot Environment. <i>Annals of the New York Academy of Sciences</i> , 1997, 813, 604-609.	1.8	5
47	Integrative regulations of body temperature and body fluid in humans exercising in a hot environment. <i>International Journal of Biometeorology</i> , 1997, 40, 42-49.	1.3	11
48	Integrative regulations of body temperature and body fluid in humans exercising in a hot environment. <i>International Journal of Biometeorology</i> , 1997, 40, 42-49.	1.3	1
49	Measurement of plasma volume in rats with use of fluorescent-labeled albumin molecules. <i>Journal of Applied Physiology</i> , 1994, 76, 485-489.	1.2	30
50	Right atrial pressure and ANP release during prolonged exercise in a hot environment. <i>Journal of Applied Physiology</i> , 1994, 76, 1882-1887.	1.2	18
51	Right atrial pressure and forearm blood flow during prolonged exercise in a hot environment. <i>Pflugers Archiv European Journal of Physiology</i> , 1994, 426, 177-182.	1.3	32
52	Influence of exercise intensity and plasma volume on active cutaneous vasodilation in humans. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, 209-216.	0.2	29
53	Effect of Vagotomy on Cardiovascular Adjustment to Hyperthermia in Rats.. <i>The Japanese Journal of Physiology</i> , 1992, 42, 641-652.	0.9	6
54	Water and electrolyte balance in the vascular space during graded exercise in humans. <i>Journal of Applied Physiology</i> , 1991, 70, 2757-2762.	1.2	41

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55	Control of total peripheral resistance during hyperthermia in rats. Journal of Applied Physiology, 1990, 69, 1087-1092.	1.2	26