

Narihiko Kondo

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5087867/narihiko-kondo-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

1,549
citations

24
h-index

35
g-index

94
ext. papers

1,769
ext. citations

3.3
avg, IF

4.47
L-index

#	Paper	IF	Citations
91	Influence of exercise intensity and regional differences in the sudomotor recruitment pattern in exercising prepubertal boys and young men. <i>Physiology and Behavior</i> , 2022 , 243, 113642	3.5	
90	Menstrual phase and ambient temperature do not influence iron regulation in the acute exercise period. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R780-R790	3.2	4
89	The sweat glands' maximum ion reabsorption rates following heat acclimation in healthy older adults. <i>Experimental Physiology</i> , 2021 , 106, 302-315	2.4	2
88	TRPV4 channel blockade does not modulate skin vasodilation and sweating during hyperthermia or cutaneous postocclusive reactive and thermal hyperemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R563-R573	3.2	3
87	Impact of supine versus upright exercise on muscle deoxygenation heterogeneity during ramp incremental cycling is site specific. <i>European Journal of Applied Physiology</i> , 2021 , 121, 1283-1296	3.4	8
86	The effect of seasonal acclimatization on whole body heat loss response during exercise in a hot humid environment with different air velocity. <i>Journal of Applied Physiology</i> , 2021 , 131, 520-531	3.7	2
85	Dissociation between exercise intensity thresholds: mechanistic insights from supine exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R712-R722	3.2	1
84	Eccrine sweat glands' maximum ion reabsorption rates during passive heating in older adults (50-84 years). <i>European Journal of Applied Physiology</i> , 2021 , 121, 3145-3159	3.4	1
83	Na-K-ATPase plays a major role in mediating cutaneous thermal hyperemia achieved by local skin heating to 39°C. <i>Journal of Applied Physiology</i> , 2021 , 131, 1408-1416	3.7	0
82	Measurement error of self-paced exercise performance in athletic women is not affected by ovulatory status or ambient environment. <i>Journal of Applied Physiology</i> , 2021 , 131, 1496-1504	3.7	2
81	Effects of low-intensity exercise on local skin and whole-body thermal sensation in hypothermic young males. <i>Physiology and Behavior</i> , 2021 , 240, 113531	3.5	0
80	Differences in dry-bulb temperature do not influence moderate-duration exercise performance in warm environments when vapor pressure is equivalent. <i>European Journal of Applied Physiology</i> , 2020 , 120, 841-852	3.4	6
79	Effect of differential muscle activation patterns on muscle deoxygenation and microvascular haemoglobin regulation. <i>Experimental Physiology</i> , 2020 , 105, 531-541	2.4	6
78	Does β adrenergic receptor blockade modulate sweating during incremental exercise in young endurance-trained men?. <i>European Journal of Applied Physiology</i> , 2020 , 120, 1123-1129	3.4	3
77	NO-mediated activation of K channels contributes to cutaneous thermal hyperemia in young adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R390-R398	3.2	4
76	Autonomic and perceptual thermoregulatory responses to voluntarily engaging in a common thermoregulatory behaviour. <i>Physiology and Behavior</i> , 2020 , 215, 112768	3.5	0
75	The relative contribution of β and β adrenergic sweating during heat exposure and the influence of sex and training status. <i>Experimental Dermatology</i> , 2020 , 29, 1216-1224	4	1

74	Effects of L-type voltage-gated Ca channel blockade on cholinergic and thermal sweating in habitually trained and untrained men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 319, R584-R591	3.2	1
73	Fluidic Patch Device to Sample Sweat for Accurate Measurement of Sweat Rate and Chemical Composition: A Proof-of-Concept Study. <i>Analytical Chemistry</i> , 2020 , 92, 15534-15541	7.8	2
72	Effect of priming exercise and body position on pulmonary oxygen uptake and muscle deoxygenation kinetics during cycle exercise. <i>Journal of Applied Physiology</i> , 2020 , 129, 810-822	3.7	2
71	Impact of supine exercise on muscle deoxygenation kinetics heterogeneity: mechanistic insights into slow pulmonary oxygen uptake dynamics. <i>Journal of Applied Physiology</i> , 2020 , 129, 535-546	3.7	8
70	Does the iontophoretic application of bretylium tosylate modulate sweating during exercise in the heat in habitually trained and untrained men?. <i>Experimental Physiology</i> , 2020 , 105, 1692-1699	2.4	0
69	Nicotinic receptors modulate skin perfusion during normothermia, and have a limited role in skin vasodilatation and sweating during hyperthermia. <i>Experimental Physiology</i> , 2019 , 104, 1808-1818	2.4	2
68	Evidence for TRPV4 channel induced skin vasodilatation through NOS, COX, and KCa channel mechanisms with no effect on sweat rate in humans. <i>European Journal of Pharmacology</i> , 2019 , 858, 1724-1732	5.3	5
67	Unaltered V o kinetics despite greater muscle oxygenation during heavy-intensity two-legged knee extension versus cycle exercise in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R203-R213	3.2	11
66	Effect of ice slushy ingestion and cold water immersion on thermoregulatory behavior. <i>PLoS ONE</i> , 2019 , 14, e0212966	3.7	3
65	The influence of local skin temperature on the sweat glands maximum ion reabsorption rate. <i>European Journal of Applied Physiology</i> , 2019 , 119, 685-695	3.4	7
64	Effects of isomaltulose ingestion on postexercise hydration state and heat loss responses in young men. <i>Experimental Physiology</i> , 2019 , 104, 1494-1504	2.4	9
63	The effects of exercise and passive heating on the sweat glands ion reabsorption rates. <i>Physiological Reports</i> , 2018 , 6, e13619	2.6	7
62	Blood flow occlusion-related O extraction "reserve" is present in different muscles of the quadriceps but greater in deeper regions after ramp-incremental test. <i>Journal of Applied Physiology</i> , 2018 , 125, 313-319	3.7	13
61	Age-related attenuation of conduit artery blood flow response to passive heating differs between the arm and leg. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2307-2318	3.4	2
60	Sweat from gland to skin surface: production, transport, and skin absorption. <i>Journal of Applied Physiology</i> , 2018 , 125, 459-469	3.7	17
59	Adrenergic receptor blockade does not modify non-thermal sweating during static exercise and following muscle ischemia in habitually trained individuals. <i>European Journal of Applied Physiology</i> , 2018 , 118, 2669-2677	3.4	4
58	Cutaneous adrenergic nerve blockade attenuates sweating during incremental exercise in habitually trained men. <i>Journal of Applied Physiology</i> , 2018 , 125, 1041-1050	3.7	8
57	Influence of dietary nitrate supplementation on local sweating and cutaneous vascular responses during exercise in a hot environment. <i>European Journal of Applied Physiology</i> , 2018 , 118, 1579-1588	3.4	7

56	Wearing graduated compression stockings augments cutaneous vasodilation but not sweating during exercise in the heat. <i>Physiological Reports</i> , 2017 , 5, e13252	2.6	5
55	The mechanisms underlying the muscle metaboreflex modulation of sweating and cutaneous blood flow in passively heated humans. <i>Physiological Reports</i> , 2017 , 5, e13123	2.6	5
54	Evidence for Adrenergic modulation of sweating during incremental exercise in habitually trained males. <i>Journal of Applied Physiology</i> , 2017 , 123, 182-189	3.7	13
53	Maximum rate of sweat ions reabsorption during exercise with regional differences, sex, and exercise training. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1317-1327	3.4	15
52	Sweating responses to isometric hand-grip exercise and forearm muscle metaboreflex in prepubertal children and elderly. <i>Experimental Physiology</i> , 2017 , 102, 214-227	2.4	7
51	Near-infrared spectroscopy of superficial and deep rectus femoris reveals markedly different exercise response to superficial vastus lateralis. <i>Physiological Reports</i> , 2017 , 5, e13402	2.6	22
50	The effect of dietary nitrate supplementation on the spatial heterogeneity of quadriceps deoxygenation during heavy-intensity cycling. <i>Physiological Reports</i> , 2017 , 5, e13340	2.6	7
49	The carotid baroreflex modifies the pressor threshold of the muscle metaboreflex in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H650-H657	5.2	6
48	Do nitric oxide synthase and cyclooxygenase contribute to sweating response during passive heating in endurance-trained athletes?. <i>Physiological Reports</i> , 2017 , 5, e13403	2.6	5
47	Effect of stride frequency on thermoregulatory responses during endurance running in distance runners. <i>Journal of Thermal Biology</i> , 2016 , 61, 61-66	2.9	2
46	Greater $\dot{V}O_{2peak}$ is correlated with greater skeletal muscle deoxygenation amplitude and hemoglobin concentration within individual muscles during ramp-incremental cycle exercise. <i>Physiological Reports</i> , 2016 , 4, e13065	2.6	34
45	Sex differences in age-related changes on peripheral warm and cold innocuous thermal sensitivity. <i>Physiology and Behavior</i> , 2016 , 164, 86-92	3.5	26
44	The Spatial Distribution of Absolute Skeletal Muscle Deoxygenation During Ramp-Incremental Exercise Is Not Influenced by Hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 876, 19-26	3.6	2
43	Determination of the maximum rate of eccrine sweat glands ion reabsorption using the galvanic skin conductance to local sweat rate relationship. <i>European Journal of Applied Physiology</i> , 2016 , 116, 281-90	3.4	16
42	Influence of forearm muscle metaboreceptor activation on sweating and cutaneous vascular responses during dynamic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R1332-9	3.2	7
41	Modulation of muscle metaboreceptor activation upon sweating and cutaneous vascular responses to rising core temperature in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R990-7	3.2	9
40	Increasing blood flow to exercising muscle attenuates systemic cardiovascular responses during dynamic exercise in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1234-42	3.2	8
39	Effects of increased skin blood flow on muscle oxygenation/deoxygenation: comparison of time-resolved and continuous-wave near-infrared spectroscopy signals. <i>European Journal of Applied Physiology</i> , 2015 , 115, 335-43	3.4	31

38	Muscle metaboreceptors modulate postexercise sweating, but not cutaneous blood flow, independent of baroreceptor loading status. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1415-24	3.2	8
37	Effects of forearm muscle metaboreceptors activation on sweating and cutaneous vascular responses during passive heating and cycle exercising in humans. <i>Extreme Physiology and Medicine</i> , 2015 , 4, A99		78
36	Muscle deoxygenation in the quadriceps during ramp incremental cycling: Deep vs. superficial heterogeneity. <i>Journal of Applied Physiology</i> , 2015 , 119, 1313-9	3.7	51
35	Changes in whole tissue heme concentration dissociates muscle deoxygenation from muscle oxygen extraction during passive head-up tilt. <i>Journal of Applied Physiology</i> , 2015 , 118, 1091-9	3.7	22
34	Sex differences in acetylcholine-induced sweating responses due to physical training. <i>Journal of Physiological Anthropology</i> , 2014 , 33, 13	2.5	28
33	Muscle O ₂ extraction reserve during intense cycling is site-specific. <i>Journal of Applied Physiology</i> , 2014 , 117, 1199-206	3.7	14
32	Effect of voluntary hypocapnic hyperventilation on the relationship between core temperature and heat loss responses in exercising humans. <i>Journal of Applied Physiology</i> , 2014 , 117, 1317-24	3.7	11
31	Sweating response to passive stretch of the calf muscle during activation of forearm muscle metaboreceptors in heated humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 306, R728-34	3.2	8
30	Characteristics of sweating responses and peripheral sweat gland function during passive heating in sprinters. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2067-75	3.4	24
29	Changes in arterial blood pressure elicited by severe passive heating at rest is associated with hyperthermia-induced hyperventilation in humans. <i>European Journal of Applied Physiology</i> , 2013 , 113, 51-62	3.4	8
28	Heat stress attenuates the increase in arterial blood pressure during isometric handgrip exercise. <i>European Journal of Applied Physiology</i> , 2013 , 113, 183-90	3.4	8
27	Slowed oxygen uptake kinetics in hypoxia correlate with the transient peak and reduced spatial distribution of absolute skeletal muscle deoxygenation. <i>Experimental Physiology</i> , 2013 , 98, 1585-96	2.4	44
26	Hyperthermia modifies muscle metaboreceptor and baroreceptor modulation of heat loss in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R417-23	3.2	18
25	Comparison of hyperthermic hyperventilation during passive heating and prolonged light and moderate exercise in the heat. <i>Journal of Applied Physiology</i> , 2012 , 113, 1388-97	3.7	31
24	Sweating responses and the muscle metaboreflex under mildly hyperthermic conditions in sprinters and distance runners. <i>Journal of Applied Physiology</i> , 2011 , 111, 524-9	3.7	20
23	The relationship between muscle deoxygenation and activation in different muscles of the quadriceps during cycle ramp exercise. <i>Journal of Applied Physiology</i> , 2011 , 111, 1259-65	3.7	71
22	Sex differences in the effects of physical training on sweat gland responses during a graded exercise. <i>Experimental Physiology</i> , 2010 , 95, 1026-32	2.4	60
21	Non-thermal modification of heat-loss responses during exercise in humans. <i>European Journal of Applied Physiology</i> , 2010 , 110, 447-58	3.4	40

20	Changes in blood flow in conduit artery and veins of the upper arm during leg exercise in humans. <i>European Journal of Applied Physiology</i> , 2008 , 103, 367-73	3.4	27
19	Changes in blood flow in a conduit artery and superficial vein of the upper arm during passive heating in humans. <i>European Journal of Applied Physiology</i> , 2007 , 101, 97-103	3.4	26
18	Effects of menstrual cycle and physical training on heat loss responses during dynamic exercise at moderate intensity in a temperate environment. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1347-53	3.2	64
17	Comparison of oxygen uptake kinetics during knee extension and cycle exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R212-20	3.2	92
16	Non-thermoregulatory modulation of sweating in humans. <i>Exercise and Sport Sciences Reviews</i> , 2003 , 31, 34-9	6.7	57
15	Intensity-dependent thermoregulatory responses at the onset of dynamic exercise in mildly heated humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R200-7	3.2	24
14	Effects of muscle metaboreceptor stimulation on cutaneous blood flow from glabrous and nonglabrous skin in mildly heated humans. <i>Journal of Applied Physiology</i> , 2003 , 94, 1829-35	3.7	30
13	Central command is capable of modulating sweating from non-glabrous human skin. <i>Journal of Physiology</i> , 2003 , 553, 999-1004	3.9	26
12	Effect of activated sweat glands on the intensity-dependent sweating response to sustained static exercise in mildly heated humans. <i>The Japanese Journal of Physiology</i> , 2002 , 52, 229-33		7
11	Time-of-day effect on nonthermal control of sweating response to maintained static exercise in humans. <i>European Journal of Applied Physiology</i> , 2002 , 86, 388-93	3.4	8
10	Function of human eccrine sweat glands during dynamic exercise and passive heat stress. <i>Journal of Applied Physiology</i> , 2001 , 90, 1877-81	3.7	56
9	Effects of exercise intensity on the sweating response to a sustained static exercise. <i>Journal of Applied Physiology</i> , 2000 , 88, 1590-6	3.7	33
8	Modulation of the thermoregulatory sweating response to mild hyperthermia during activation of the muscle metaboreflex in humans. <i>Journal of Physiology</i> , 1999 , 515 (Pt 2), 591-8	3.9	53
7	Continuous measurement of tympanic temperature with a new infrared method using an optical fiber. <i>Journal of Applied Physiology</i> , 1998 , 85, 921-6	3.7	31
6	Control of circadian variation in skin blood flow response to heat stress. <i>The Japanese Journal of Physiology</i> , 1998 , 48, 95-8		4
5	Thermoregulatory responses of prepubertal boys and young men during moderate exercise. <i>European Journal of Applied Physiology</i> , 1997 , 75, 212-8	3.4	41
4	Sweating responses to passive and active limb movements. <i>Journal of Thermal Biology</i> , 1997 , 22, 351-356.	9	26
3	Differences in regional sweating responses during exercise between athletes trained on land and in water. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996 , 74, 67-71		3

- | | | | |
|---|--|-----|----|
| 2 | The influence of exercise intensity on sweating efficiency of the whole body in a mild thermal condition. <i>Ergonomics</i> , 1996 , 39, 225-31 | 2.9 | 11 |
| 1 | The influence of work loads on regional differences in sweating rates. <i>The Japanese Journal of Physiology</i> , 1996 , 46, 183-6 | | 15 |