

# Naoto Fujii

## List of Publications by Year in Descending Order

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

118  
papers

1,203  
citations

21  
h-index

28  
g-index

126  
ext. papers

1,400  
ext. citations

3.3  
avg. IF

4.64  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 118 | Hypercapnia elicits differential vascular and blood flow responses in the cerebral circulation and active skeletal muscles in exercising humans.. <i>Physiological Reports</i> , <b>2022</b> , 10, e15274   | 2.6 | 0         |
| 117 | Caffeine Exacerbates Hyperventilation and Reductions in Cerebral Blood Flow in Physically Fit Men Exercising in the Heat. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 845-852  | 1.2 | 3         |
| 116 | Effects of High-Intensity Exercise Repetition Number During Warm-up on Physiological Responses, Perceptions, Readiness, and Performance. <i>Research Quarterly for Exercise and Sport</i> , <b>2021</b> , 1-10  | 1.9 |           |
| 115 | Effects of short-term heat acclimation on whole-body heat exchange and local nitric oxide synthase- and cyclooxygenase-dependent heat loss responses in exercising older men. <i>Experimental Physiology</i> , <b>2021</b> , 106, 450-462                                       | 2.4 | 0         |
| 114 | Voluntary hypocapnic hyperventilation lasting 5 min and 20 min similarly reduce aerobic metabolism without affecting power outputs during Wingate anaerobic test. <i>European Journal of Sport Science</i> , <b>2021</b> , 21, 1148-1155  | 3.9 | 3         |
| 113 | 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> , <b>2021</b> , 320, R780-R790   | 3.2 | 4         |
| 112 | Effects of 6-(Methylsulfinyl)hexyl Isothiocyanate Ingestion on Muscle Damage after Eccentric Exercise in Healthy Males: A Pilot Placebo-Controlled Double-Blind Crossover Study. <i>Journal of Dietary Supplements</i> , <b>2021</b> , 1-15                                     | 2.3 | 0         |
| 111 | Effects of Isomaltulose Ingestion on Thermoregulatory Responses during Exercise in a Hot Environment. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,  | 4.6 | 1         |
| 110 | Regional variation in nitric oxide-dependent cutaneous vasodilatation during local heating in young adults. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1671-1678   | 2.4 | 0         |
| 109 | Type 2 diabetes impairs vascular responsiveness to nitric oxide, but not the venoarteriolar reflex or post-occlusive reactive hyperaemia in forearm skin. <i>Experimental Dermatology</i> , <b>2021</b> , 30, 1807-1813   | 4   | 1         |
| 108 | Comparisons of isomaltulose, sucrose, and mixture of glucose and fructose ingestions on postexercise hydration state in young men. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 4519-4529   | 5.2 | 2         |
| 107 | Regional cutaneous vasodilator responses to rapid and gradual local heating in young adults. <i>Journal of Thermal Biology</i> , <b>2021</b> , 99, 102978   | 2.9 | 1         |
| 106 | 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> , <b>2021</b> , 320, R563-R573 | 3.2 | 3         |
| 105 | K channels are major contributors to ATP-induced cutaneous vasodilation in healthy older adults. <i>Microvascular Research</i> , <b>2021</b> , 133, 104096  | 3.7 |           |
| 104 | Independent and combined impact of hypoxia and acute inorganic nitrate ingestion on thermoregulatory responses to the cold. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 1207-1218  | 3.4 | 0         |
| 103 | Urinary N-terminal fragment of titin: A surrogate marker of serum creatine kinase activity after exercise-induced severe muscle damage. <i>Journal of Sports Sciences</i> , <b>2021</b> , 39, 1437-1444   | 3.6 | 1         |
| 102 | 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> , <b>2021</b> , 131, 1408-1416   | 3.7 | 0         |

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| 101 | Sodium bicarbonate ingestion mitigates the heat-induced hyperventilation and reduction in cerebral blood velocity during exercise in the heat. <i>Journal of Applied Physiology</i> , <b>2021</b> , 131, 1617-1628  | 3.7 |   |
| 100 | Carbohydrate hastens hypervolemia achieved through ingestion of aqueous sodium solution in resting euhydrated humans. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 3527-3537  | 3.4 |   |
| 99  | 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> , <b>2021</b> , 131, 1496-1504  | 3.7 | 2 |
| 98  | Does ageing alter skin vascular function in humans when spatial variation is considered?. <i>Microcirculation</i> , <b>2021</b> , e12743  | 2.9 | 0 |
| 97  | Sex-differences in cholinergic, nicotinic, and $\beta$ adrenergic cutaneous vasodilation: Roles of nitric oxide synthase, cyclooxygenase, and K channels. <i>Microvascular Research</i> , <b>2020</b> , 131, 104030                                       | 3.7 | 3 |
| 96  | Regional influence of nitric oxide on cutaneous vasodilatation and sweating during exercise-heat stress in young men. <i>Experimental Physiology</i> , <b>2020</b> , 105, 773-782   | 2.4 | 0 |
| 95  | Intradermal Administration of Atrial Natriuretic Peptide Attenuates Cutaneous Vasodilation but Not Sweating in Young Men during Exercise in the Heat. <i>Skin Pharmacology and Physiology</i> , <b>2020</b> , 33, 86-93                                   | 3   |   |
| 94  | Does $\beta$ adrenergic receptor blockade modulate sweating during incremental exercise in young endurance-trained men?. <i>European Journal of Applied Physiology</i> , <b>2020</b> , 120, 1123-1129   | 3.4 | 3 |
| 93  | Heat shock protein 90 modulates cutaneous vasodilation during an exercise-heat stress, but not during passive whole-body heating in young women. <i>Physiological Reports</i> , <b>2020</b> , 8, e14552   | 2.6 | 0 |
| 92  | Tetraethylammonium, glibenclamide, and 4-aminopyridine modulate post-occlusive reactive hyperemia in non-glabrous human skin with no roles of NOS and COX. <i>Microcirculation</i> , <b>2020</b> , 27, e12586   | 2.9 | 3 |
| 91  | 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> , <b>2020</b> , 318, R390-R398                                 | 3.2 | 4 |
| 90  | K and K channels modulate the venoarteriolar reflex in non-glabrous human skin with no roles of K channels, NOS, and COX. <i>European Journal of Pharmacology</i> , <b>2020</b> , 866, 172828   | 5.3 | 2 |
| 89  | The relative contribution of $\beta$ and $\beta$ adrenergic sweating during heat exposure and the influence of sex and training status. <i>Experimental Dermatology</i> , <b>2020</b> , 29, 1216-1224   | 4   | 1 |
| 88  | Regulation of autophagy following ex vivo heating in peripheral blood mononuclear cells from young adults. <i>Journal of Thermal Biology</i> , <b>2020</b> , 91, 102643   | 2.9 | 3 |
| 87  | 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> , <b>2020</b> , 319, R584-R591 | 3.2 | 1 |
| 86  | Does the iontophoretic application of bretylium tosylate modulate sweating during exercise in the heat in habitually trained and untrained men?. <i>Experimental Physiology</i> , <b>2020</b> , 105, 1692-1699  | 2.4 | 0 |
| 85  | Ageing augments $\beta$ adrenergic cutaneous vasodilatation differently in men and women, with no effect on $\beta$ adrenergic sweating. <i>Experimental Physiology</i> , <b>2020</b> , 105, 1720-1729  | 2.4 | 1 |
| 84  | The nitric oxide dependence of cutaneous microvascular function to independent and combined hypoxic cold exposure. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 947-956  | 3.7 | 2 |

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| 83 | Regional contributions of nitric oxide synthase to cholinergic cutaneous vasodilatation and sweating in young men. <i>Experimental Physiology</i> , <b>2020</b> , 105, 236-243   | 2.4  | 1  |
| 82 | Nicotinic receptors modulate skin perfusion during normothermia, and have a limited role in skin vasodilatation and sweating during hyperthermia. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1808-1818  | 2.4  | 2  |
| 81 | Exogenous Activation of Protease-Activated Receptor 2 Attenuates Cutaneous Vasodilatation and Sweating in Older Men Exercising in the Heat. <i>Skin Pharmacology and Physiology</i> , <b>2019</b> , 32, 235-243  | 3    | 1  |
| 80 | Exercise Heat Stress in Patients With and Without Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1409-1411  | 27.4 | 19 |
| 79 | Ageing attenuates muscarinic-mediated sweating differently in men and women with no effect on nicotinic-mediated sweating. <i>Experimental Dermatology</i> , <b>2019</b> , 28, 968-971   | 4    | 3  |
| 78 | 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> , <b>2019</b> , 858, 1724-1732   | 5.3  | 5  |
| 77 | Superoxide and NADPH oxidase do not modulate skin blood flow in older exercising adults with and without type 2 diabetes. <i>Microvascular Research</i> , <b>2019</b> , 125, 103886  | 3.7  | 2  |
| 76 | Separate and combined effects of K and K channel blockade with NOS inhibition on cutaneous vasodilation and sweating in older men during heat stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2019</b> , 317, R113-R120 | 3.2  | 7  |
| 75 | Heat shock protein 90 does not contribute to cutaneous vasodilatation in older adults during heat stress. <i>Microcirculation</i> , <b>2019</b> , 26, e12541   | 2.9  | 2  |
| 74 | Effects of work-matched supramaximal intermittent vs. submaximal constant-workload warm-up on all-out effort power output at the end of 2 minutes of maximal cycling. <i>European Journal of Sport Science</i> , <b>2019</b> , 19, 336-344                                     | 3.9  | 2  |
| 73 | Effects of isomaltulose ingestion on postexercise hydration state and heat loss responses in young men. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1494-1504  | 2.4  | 9  |
| 72 | Ageing augments nicotinic and adenosine triphosphate-induced, but not muscarinic, cutaneous vasodilatation in women. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1801-1807   | 2.4  | 2  |
| 71 | Contribution of nitric oxide synthase to cutaneous vasodilatation and sweating in men of black-African and Caucasian descent during exercise in the heat. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1762-1768  | 2.4  | 1  |
| 70 | Local arginase inhibition does not modulate cutaneous vasodilation or sweating in young and older men during exercise. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 1129-1137   | 3.7  | 6  |
| 69 | Respiratory mechanics and cerebral blood flow during heat-induced hyperventilation and its voluntary suppression in passively heated humans. <i>Physiological Reports</i> , <b>2019</b> , 7, e13967  | 2.6  | 5  |
| 68 | Carotid chemoreceptors have a limited role in mediating the hyperthermia-induced hyperventilation in exercising humans. <i>Journal of Applied Physiology</i> , <b>2019</b> , 126, 305-313  | 3.7  | 3  |
| 67 | Effect of P2 receptor blockade on cutaneous vasodilation during rest and exercise in the heat in young men. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2018</b> , 43, 312-315  | 3    | 1  |
| 66 | Voltage-gated potassium channels and NOS contribute to a sustained cutaneous vasodilation elicited by local heating in an interactive manner in young adults. <i>Microvascular Research</i> , <b>2018</b> , 117, 22-27   | 3.7  | 6  |

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| 65 | Type 2 diabetes specifically attenuates purinergic skin vasodilatation without affecting muscarinic and nicotinic skin vasodilatation and sweating. <i>Experimental Physiology</i> , <b>2018</b> , 103, 212-221   | 2.4 | 7  |
| 64 | Voluntary apnea during dynamic exercise activates the muscle metaboreflex in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H434-H442  | 5.2 | 4  |
| 63 | Aging attenuates adenosine triphosphate-induced, but not muscarinic and nicotinic, cutaneous vasodilation in men. <i>Microcirculation</i> , <b>2018</b> , 25, e12462  | 2.9 | 6  |
| 62 | Oxidative stress does not influence local sweat rate during high-intensity exercise. <i>Experimental Physiology</i> , <b>2018</b> , 103, 172-178  | 2.4 | 5  |
| 61 | Heat exhaustion. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2018</b> , 157, 505-529  |     | 20 |
| 60 | The effect of exogenous activation of protease-activated receptor 2 on cutaneous vasodilatation and sweating in young males during rest and exercise in the heat. <i>Temperature</i> , <b>2018</b> , 5, 257-266   | 5.2 | 1  |
| 59 | Cutaneous adrenergic nerve blockade attenuates sweating during incremental exercise in habitually trained men. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 1041-1050  | 3.7 | 8  |
| 58 | Cyclooxygenase-1 and -2 modulate sweating but not cutaneous vasodilation during exercise in the heat in young men. <i>Physiological Reports</i> , <b>2018</b> , 6, e13844   | 2.6 | 5  |
| 57 | Mechanisms of nicotine-induced cutaneous vasodilation and sweating in young adults: roles for K <sub>v</sub> , K <sub>Ca</sub> , and K <sub>ATP</sub> channels, nitric oxide, and prostanoids. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 470-478        | 3   | 14 |
| 56 | Nicotinic receptor activation augments muscarinic receptor-mediated eccrine sweating but not cutaneous vasodilatation in young males. <i>Experimental Physiology</i> , <b>2017</b> , 102, 245-254   | 2.4 | 11 |
| 55 | The roles of K <sub>v</sub> , K <sub>Ca</sub> , and K <sub>ATP</sub> channels in regulating cutaneous vasodilation and sweating during exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 312, R821-R827 | 3.2 | 11 |
| 54 | Individual variations in nitric oxide synthase-dependent sweating in young and older males during exercise in the heat: role of aerobic power. <i>Physiological Reports</i> , <b>2017</b> , 5, e13208   | 2.6 | 14 |
| 53 | The mechanisms underlying the muscle metaboreflex modulation of sweating and cutaneous blood flow in passively heated humans. <i>Physiological Reports</i> , <b>2017</b> , 5, e13123  | 2.6 | 5  |
| 52 | No effect of ascorbate on cutaneous vasodilation and sweating in older men and those with type 2 diabetes exercising in the heat. <i>Physiological Reports</i> , <b>2017</b> , 5, e13238  | 2.6 | 12 |
| 51 | Evidence for adrenergic modulation of sweating during incremental exercise in habitually trained males. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 182-189   | 3.7 | 13 |
| 50 | Effect of voluntary hypocapnic hyperventilation or moderate hypoxia on metabolic and heart rate responses during high-intensity intermittent exercise. <i>European Journal of Applied Physiology</i> , <b>2017</b> , 117, 1573-1583   | 3.4 | 5  |
| 49 | Prostacyclin does not affect sweating but induces skin vasodilatation to a greater extent in older versus younger women: roles of NO and K <sub>Ca</sub> channels. <i>Experimental Physiology</i> , <b>2017</b> , 102, 578-586  | 2.4 | 6  |
| 48 | Intradermal administration of endothelin-1 attenuates endothelium-dependent and -independent cutaneous vasodilation via Rho kinase in young adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 312, R23-R30            | 3.2 | 1  |

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| 47 | Activation of protease-activated receptor 2 mediates cutaneous vasodilatation but not sweating: roles of nitric oxide synthase and cyclo-oxygenase. <i>Experimental Physiology</i> , <b>2017</b> , 102, 265-272   | 2.4 | 5  |
| 46 | Fluid replacement modulates oxidative stress- but not nitric oxide-mediated cutaneous vasodilation and sweating during prolonged exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 313, R730-R739                                 | 3.2 | 8  |
| 45 | Heat shock protein 90 contributes to cutaneous vasodilation through activating nitric oxide synthase in young male adults exercising in the heat. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 844-850   | 3.7 | 16 |
| 44 | Nitric oxide synthase and cyclooxygenase modulate $\beta$ adrenergic cutaneous vasodilatation and sweating in young men. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1173-1184  | 3.9 | 12 |
| 43 | Do nitric oxide synthase and cyclooxygenase contribute to sweating response during passive heating in endurance-trained athletes?. <i>Physiological Reports</i> , <b>2017</b> , 5, e13403   | 2.6 | 5  |
| 42 | Intradermal administration of atrial natriuretic peptide has no effect on sweating and cutaneous vasodilator responses in young male adults. <i>Temperature</i> , <b>2017</b> , 4, 406-413  | 5.2 | 4  |
| 41 | The roles of the Na <sup>+</sup> /K <sup>+</sup> -ATPase, NKCC, and K <sup>+</sup> channels in regulating local sweating and cutaneous blood flow during exercise in humans in vivo. <i>Physiological Reports</i> , <b>2016</b> , 4, e13024   | 2.6 | 11 |
| 40 | K <sup>+</sup> channel mechanisms underlying cholinergic cutaneous vasodilation and sweating in young humans: roles of K <sub>Ca</sub> , K <sub>ATP</sub> , and K <sub>V</sub> channels?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 311, R600-6 | 3.2 | 21 |
| 39 | Cutaneous blood flow during intradermal NO administration in young and older adults: roles for calcium-activated potassium channels and cyclooxygenase?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R1081-7                                 | 3.2 | 12 |
| 38 | Endothelin-1 modulates methacholine-induced cutaneous vasodilatation but not sweating in young human skin. <i>Journal of Physiology</i> , <b>2016</b> , 594, 3439-52  | 3.9 | 7  |
| 37 | The effect of endothelin A and B receptor blockade on cutaneous vascular and sweating responses in young men during and following exercise in the heat. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 1263-1271   | 3.7 | 11 |
| 36 | iNOS-dependent sweating and eNOS-dependent cutaneous vasodilation are evident in younger adults, but are diminished in older adults exercising in the heat. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 318-27  | 3.7 | 35 |
| 35 | Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. <i>Physiological Reports</i> , <b>2016</b> , 4, e12738  | 2.6 | 34 |
| 34 | Type 1 diabetes modulates cyclooxygenase- and nitric oxide-dependent mechanisms governing sweating but not cutaneous vasodilation during exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 311, R1076-R1084                       | 3.2 | 7  |
| 33 | Cutaneous vascular and sweating responses to intradermal administration of prostaglandin E1 and E2 in young and older adults: a role for nitric oxide?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R1064-72                                 | 3.2 | 8  |
| 32 | The interactive contributions of Na <sup>(+)</sup> /K <sup>(+)</sup> -ATPase and nitric oxide synthase to sweating and cutaneous vasodilatation during exercise in the heat. <i>Journal of Physiology</i> , <b>2016</b> , 594, 3453-62  | 3.9 | 16 |
| 31 | Administration of prostacyclin modulates cutaneous blood flow but not sweating in young and older males: roles for nitric oxide and calcium-activated potassium channels. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6419-6429   | 3.9 | 13 |
| 30 | Voluntary suppression of hyperthermia-induced hyperventilation mitigates the reduction in cerebral blood flow velocity during exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 308, R669-79                                      | 3.2 | 15 |

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| 29 | Cardiovascular responses to forearm muscle metaboreflex activation during hypercapnia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R43-50                                    | 3.2 | 2  |
| 28 | Effect of voluntary hypocapnic hyperventilation on the metabolic response during Wingate anaerobic test. <i>European Journal of Applied Physiology</i> , <b>2015</b> , 115, 1967-74   | 3.4 | 7  |
| 27 | Do nitric oxide synthase and cyclooxygenase contribute to the heat loss responses in older males exercising in the heat?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 3169-80   | 3.9 | 24 |
| 26 | Endothelial-derived hyperpolarization contributes to acetylcholine-mediated vasodilation in human skin in a dose-dependent manner. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 1015-22  | 3.7 | 26 |
| 25 | Effect of short-term exercise-heat acclimation on ventilatory and cerebral blood flow responses to passive heating at rest in humans. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 435-44  | 3.7 | 11 |
| 24 | Can intradermal administration of angiotensin II influence human heat loss responses during whole body heat stress?. <i>Journal of Applied Physiology</i> , <b>2015</b> , 118, 1145-53  | 3.7 | 7  |
| 23 | Local infusion of ascorbate augments NO-dependent cutaneous vasodilatation during intense exercise in the heat. <i>Journal of Physiology</i> , <b>2015</b> , 593, 4055-65   | 3.9 | 20 |
| 22 | Cutaneous vascular and sweating responses to intradermal administration of ATP: a role for nitric oxide synthase and cyclooxygenase?. <i>Journal of Physiology</i> , <b>2015</b> , 593, 2515-25   | 3.9 | 25 |
| 21 | Intradermal administration of ATP augments methacholine-induced cutaneous vasodilation but not sweating in young males and females. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R912-9 | 3.2 | 26 |
| 20 | New approach to measure cutaneous microvascular function: an improved test of NO-mediated vasodilation by thermal hyperemia. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 277-83   | 3.7 | 61 |
| 19 | Cyclooxygenase inhibition does not alter methacholine-induced sweating. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 1055-62   | 3.7 | 33 |
| 18 | Hypervolemia induced by fluid ingestion at rest: effect of sodium concentration. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 2139-45   | 3.4 | 4  |
| 17 | Tempol improves cutaneous thermal hyperemia through increasing nitric oxide bioavailability in young smokers. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H1507-11                                      | 5.2 | 21 |
| 16 | Age-related differences in postsynaptic increases in sweating and skin blood flow postexercise. <i>Physiological Reports</i> , <b>2014</b> , 2, e12078  | 2.6 | 30 |
| 15 | Mechanisms underlying the postexercise baroreceptor-mediated suppression of heat loss. <i>Physiological Reports</i> , <b>2014</b> , 2, e12168   | 2.6 | 24 |
| 14 | Adenosine receptor inhibition attenuates the suppression of postexercise cutaneous blood flow. <i>Journal of Physiology</i> , <b>2014</b> , 592, 2667-78  | 3.9 | 15 |
| 13 | Diminished nitric oxide-dependent sweating in older males during intermittent exercise in the heat. <i>Experimental Physiology</i> , <b>2014</b> , 99, 921-32   | 2.4 | 43 |
| 12 | Evidence for cyclooxygenase-dependent sweating in young males during intermittent exercise in the heat. <i>Journal of Physiology</i> , <b>2014</b> , 592, 5327-39   | 3.9 | 48 |

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|----|---|-----|----|
| 11 | No independent, but an interactive, role of calcium-activated potassium channels in human cutaneous active vasodilation. <i>Journal of Applied Physiology</i> , <b>2013</b> , 115, 1290-6   | 3.7 | 38 |
| 10 | Impaired acetylcholine-induced cutaneous vasodilation in young smokers: roles of nitric oxide and prostanoids. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 304, H667-73                          | 5.2 | 33 |
| 9  | A complex interplay between NO, EDHFs, and KIR channels in cutaneous active vasodilation. <i>FASEB Journal</i> , <b>2013</b> , 27, 1133.16  | 0.9 |    |
| 8  | EDHFs contribute to ACh-mediated vasodilation in human skin in a dose-dependent manner. <i>FASEB Journal</i> , <b>2013</b> , 27, 687.9  | 0.9 |    |
| 7  | Short-term exercise-heat acclimation enhances skin vasodilation but not hyperthermic hyperpnea in humans exercising in a hot environment. <i>European Journal of Applied Physiology</i> , <b>2012</b> , 112, 295-307                          | 3.4 | 43 |
| 6  | Effect of voluntary hypocapnic hyperventilation on cutaneous circulation in resting heated humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2012</b> , 303, R975-83                     | 3.2 | 14 |
| 5  | Effect of initial core temperature on hyperthermic hyperventilation during prolonged submaximal exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2012</b> , 302, R94-R102 | 3.2 | 20 |
| 4  | Comparison of hyperthermic hyperventilation during passive heating and prolonged light and moderate exercise in the heat. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1388-97   | 3.7 | 31 |
| 3  | Effect of CO <sub>2</sub> on the ventilatory sensitivity to rising body temperature during exercise. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1334-41  | 3.7 | 32 |
| 2  | Comparison of hyperthermic hyperpnea elicited during rest and submaximal, moderate-intensity exercise. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 998-1005   | 3.7 | 45 |
| 1  | Effect of hypohydration on hyperthermic hyperpnea and cutaneous vasodilation during exercise in men. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 1509-18  | 3.7 | 21 |