

# Samuel Penna Wanner

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

1,407  
citations

304602

22  
h-index

377752

34  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Mental Fatigue on Physical Performance, and Physiological and Perceptual Responses of Judokas Submitted to the Special Judo Fitness Test. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 461-468.	1.0	8
2	Does executive functions performance at rest predict executive function performance during acute physical exercise?. <i>International Journal of Sport and Exercise Psychology</i> , 2022, 20, 1490-1506.	1.1	5
3	Combination of Aerobic Training and Cocoa Flavanols as Effective Therapies to Reduce Metabolic and Inflammatory Disruptions in Insulin-Resistant Rats: The Exercise, Cocoa, and Diabetes Study. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2022, 32, 89-101.	1.0	1
4	The role of peripheral transient receptor potential vanilloid 1 channels in stress-induced hyperthermia in rats subjected to an anxiogenic environment. <i>Journal of Thermal Biology</i> , 2022, 106, 103191.	1.1	0
5	An exploratory study of short-term camping in Antarctica: Hormonal and mood states changes. <i>Czech Polar Reports</i> , 2022, 11, 352-373.	0.2	1
6	A 32-day long fieldwork in Antarctica improves heat tolerance during physical exercise. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20210593.	0.3	3
7	Exercise-based cardiac rehabilitation after myocardial revascularization: a systematic review and meta-analysis. <i>Reviews in Cardiovascular Medicine</i> , 2022, 23, 074.	0.5	11
8	Effectiveness of regular physical activity in preventing the progression of arterial hypertension: improved cardiovascular autonomic control during sleep. <i>Hypertension Research</i> , 2022, 45, 1213-1216.	1.5	2
9	Reliability of physical performance and thermoregulatory parameters in rats subjected to incremental treadmill running. <i>Journal of Thermal Biology</i> , 2022, 108, 103270.	1.1	2
10	Heart rate variability, thyroid hormone concentration, and neuropsychological responses in Brazilian navy divers: a case report of diving in Antarctic freezing waters. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	1
11	Independent effects of rapid eye movement sleep deprivation and exposure to environmental heat stress on aerobic performance and thermoregulatory responses in exercising rats. <i>Temperature</i> , 2021, 8, 188-201.	1.6	5
12	Preseason Training Improves Perception of Fatigue and Recovery From a Futsal Training Session. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 557-564.	1.1	8
13	Physical exercise-induced thermoregulatory responses in trained rats: Effects of manipulating the duration and intensity of aerobic training sessions. <i>Journal of Thermal Biology</i> , 2021, 97, 102878.	1.1	5
14	No Effects of Mental Fatigue and Cerebral Stimulation on Physical Performance of Master Swimmers. <i>Frontiers in Psychology</i> , 2021, 12, 656499.	1.1	13
15	Impaired thermoregulation in spontaneously hypertensive rats during physical exercise is related to reduced hypothalamic neuronal activation. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 1757-1768.	1.3	4
16	Hormonal, autonomic cardiac and mood states changes during an Antarctic expedition: From ship travel to camping in Snow Island. <i>Physiology and Behavior</i> , 2020, 224, 113069.	1.0	19
17	Development and reliability of a test for assessing executive functions during exercise. <i>Applied Neuropsychology Adult</i> , 2020, , 1-11.	0.7	8
18	Comparative effects of two heat acclimation protocols consisting of high-intensity interval training in the heat on aerobic performance and thermoregulatory responses in exercising rats. <i>PLoS ONE</i> , 2020, 15, e0229335.	1.1	10

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19	The magnitude of physical exercise-induced hyperthermia is associated with changes in the intestinal permeability and expression of tight junction genes in rats. <i>Journal of Thermal Biology</i> , 2020, 91, 102610.	1.1	9
20	Influence of Faster and Slower Recovery-Profile Classifications, Self-Reported Sleep, Acute Training Load, and Phase of the Microcycle on Perceived Recovery in Futsal Players. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 648-653.	1.1	9
21	Ingestion of a moderate dose of alcohol enhances physical exercise-induced changes in blood lactate concentration. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9200.	0.7	0
22	Title is missing!. , 2020, 15, e0229335.		0
23	Title is missing!. , 2020, 15, e0229335.		0
24	Title is missing!. , 2020, 15, e0229335.		0
25	Title is missing!. , 2020, 15, e0229335.		0
26	Title is missing!. , 2020, 15, e0229335.		0
27	Title is missing!. , 2020, 15, e0229335.		0
28	Rats with higher intrinsic exercise capacities exhibit greater preoptic dopamine levels and greater mechanical and thermoregulatory efficiencies while running. <i>Journal of Applied Physiology</i> , 2019, 126, 393-402.	1.2	12
29	The time-course of thermoregulatory responses during treadmill running is associated with running duration-dependent hypothalamic neuronal activation in rats. <i>Brain Structure and Function</i> , 2019, 224, 2775-2786.	1.2	12
30	Supplementation with <i>Saccharomyces boulardii</i> Increases the Maximal Oxygen Consumption and Maximal Aerobic Speed Attained by Rats Subjected to an Incremental-Speed Exercise. <i>Nutrients</i> , 2019, 11, 2352.	1.7	18
31	Faster and Slower Posttraining Recovery in Futsal: Multifactorial Classification of Recovery Profiles. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 1089-1095.	1.1	12
32	Aerobic training induces differential expression of genes involved in lipid metabolism in skeletal muscle and white adipose tissues. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18883-18893.	1.2	7
33	Spontaneously hypertensive rats have greater impairments in regulating abdominal temperature than brain cortex temperature following physical exercise. <i>Journal of Thermal Biology</i> , 2019, 83, 30-36.	1.1	8
34	THE EFFECT OF BCAA ON ISOMETRIC FORCE FOLLOWING ENDURANCE EXERCISE IN A HOT ENVIRONMENT. <i>Revista Brasileira De Medicina Do Esporte</i> , 2019, 25, 24-29.	0.1	5
35	Aerobic training reduces immune cell recruitment and cytokine levels in adipose tissue in obese mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 512-520.	0.9	9
36	Aerobic Training Reduces Immune Cell Recruitment and Cytokine Levels in Adipose Tissue in Obese Mice. <i>FASEB Journal</i> , 2019, 33, lb601.	0.2	0

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37	Differential Effects of a Bout of Moderate-Intensity Physical Exercise on Adipose Tissue Inflammation in Lean and in Obese Mice. <i>FASEB Journal</i> , 2019, 33, 1b607.	0.2	0
38	TRPV1 Exaggerates Cardiovascular Responses to Physical Exercise in Normotensive but Not in Hypertensive Rats. <i>FASEB Journal</i> , 2019, 33, 540.13.	0.2	0
39	Auditory stimulation by exposure to melodic music increases dopamine and serotonin activities in rat forebrain areas linked to reward and motor control. <i>Neuroscience Letters</i> , 2018, 673, 73-78.	1.0	28
40	Mental Fatigue Impairs Physical Performance in Young Swimmers. <i>Pediatric Exercise Science</i> , 2018, 30, 208-215.	0.5	53
41	Nitrate supplementation improves physical performance specifically in non-athletes during prolonged open-ended tests: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2018, 119, 636-657.	1.2	34
42	Pre-exercise exposure to the treadmill setup changes the cardiovascular and thermoregulatory responses induced by subsequent treadmill running in rats. <i>Temperature</i> , 2018, 5, 109-122.	1.6	13
43	The changes in maximal oxygen uptake ( $\dot{V}O_{2MAX}$ ) induced by physical exertion during an Antarctic expedition depend on the initial $\dot{V}O_{2MAX}$ of the individuals: a case study of the Brazilian expedition. <i>International Journal of Circumpolar Health</i> , 2018, 77, 1521244.	0.5	11
44	Physical Exercise-Induced Cardiovascular and Thermoregulatory Adjustments Are Impaired in Rats Subjected to Cutaneous Artery Denervation. <i>Frontiers in Physiology</i> , 2018, 9, 74.	1.3	11
45	Author's Reply to Kitic: Comment on: "Association Between Exercise-Induced Hyperthermia and Intestinal Permeability: A Systematic Review" <i>Sports Medicine</i> , 2018, 48, 2887-2889.	3.1	7
46	Inhibition of Medial Preoptic Area Improves Physical Performance in Trained Rats. <i>FASEB Journal</i> , 2018, 32, 1b268.	0.2	0
47	Association Between Exercise-Induced Hyperthermia and Intestinal Permeability: A Systematic Review. <i>Sports Medicine</i> , 2017, 47, 1389-1403.	3.1	91
48	Cold-Induced Thermogenesis and Inflammation-Associated Cold-Seeking Behavior Are Represented by Different Dorsomedial Hypothalamic Sites: A Three-Dimensional Functional Topography Study in Conscious Rats. <i>Journal of Neuroscience</i> , 2017, 37, 6956-6971.	1.7	33
49	Changes in systolic arterial pressure variability are associated with the decreased aerobic performance of rats subjected to physical exercise in the heat. <i>Journal of Thermal Biology</i> , 2017, 63, 31-40.	1.1	6
50	Physical exercise-induced fatigue: the role of serotonergic and dopaminergic systems. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e6432.	0.7	118
51	Physical Exercise-Induced Changes in Brain Temperature. , 2017, , 29-38.		2
52	Effects of manipulating the duration and intensity of aerobic training sessions on the physical performance of rats. <i>PLoS ONE</i> , 2017, 12, e0183763.	1.1	22
53	Involvement of the TRPV1 channel in the modulation of spontaneous locomotor activity, physical performance and physical exercise-induced physiological responses. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5183.	0.7	15
54	Metabolic Demand and Internal Training Load in Technical-Tactical Training Sessions of Professional Futsal Players. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2330-2340.	1.0	13

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55	Nutritional strategies for maximizing recovery from strenuous exercise in the heat: An important role for carbohydrate (sago) supplementation. <i>Temperature</i> , 2016, 3, 366-368.	1.6	1
56	Brazil: What country is this?. <i>Temperature</i> , 2016, 3, 11-14.	1.6	0
57	Brain Temperature in Spontaneously Hypertensive Rats during Physical Exercise in Temperate and Warm Environments. <i>PLoS ONE</i> , 2016, 11, e0155919.	1.1	21
58	Thermoregulatory responses in exercising rats: methodological aspects and relevance to human physiology. <i>Temperature</i> , 2015, 2, 457-475.	1.6	39
59	The dynamics of physical exercise-induced increases in thalamic and abdominal temperatures are modified by central cholinergic stimulation. <i>Neuroscience Letters</i> , 2015, 590, 193-198.	1.0	12
60	Increased brain arginine availability facilitates cutaneous heat loss induced by running exercise. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 609-616.	0.9	23
61	Commentaries on Viewpoint: Can elite athletes benefit from dietary nitrate supplementation?. <i>Journal of Applied Physiology</i> , 2015, 119, 762-769.	1.2	15
62	Hypothalamic Temperature of Rats Subjected to Treadmill Running in a Cold Environment. <i>PLoS ONE</i> , 2014, 9, e111501.	1.1	27
63	Association between the increase in brain temperature and physical performance at different exercise intensities and protocols in a temperate environment. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 679-688.	0.7	30
64	Dietary glutamine prevents the loss of intestinal barrier function and attenuates the increase in core body temperature induced by acute heat exposure. <i>British Journal of Nutrition</i> , 2014, 112, 1601-1610.	1.2	44
65	Inhibition of tryptophan hydroxylase abolishes fatigue induced by central tryptophan in exercising rats. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 80-88.	1.3	33
66	Physical exercise-induced changes in the core body temperature of mice depend more on ambient temperature than on exercise protocol or intensity. <i>International Journal of Biometeorology</i> , 2014, 58, 1077-1085.	1.3	20
67	L-Arginine Supplementation Prevents Increases in Intestinal Permeability and Bacterial Translocation in Male Swiss Mice Subjected to Physical Exercise under Environmental Heat Stress. <i>Journal of Nutrition</i> , 2014, 144, 218-223.	1.3	64
68	The paroxetine effect on exercise performance depends on the aerobic capacity of exercising individuals. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 232-43.	0.7	10
69	Fatigue is mediated by cholinceptors within the ventromedial hypothalamus independent of changes in core temperature. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 46-56.	1.3	28
70	Chronic sympathectomy of the caudal artery delays cutaneous heat loss during passive heating. <i>Neuroscience Letters</i> , 2013, 537, 11-16.	1.0	12
71	Physical Exercise Performance in Temperate and Warm Environments Is Decreased by an Impaired Arterial Baroreflex. <i>PLoS ONE</i> , 2013, 8, e72005.	1.1	23
72	Lipopolysaccharide-Induced Neuronal Activation in the Paraventricular and Dorsomedial Hypothalamus Depends on Ambient Temperature. <i>PLoS ONE</i> , 2013, 8, e75733.	1.1	23

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73	Aging reverses the role of the transient receptor potential vanilloid-1 channel in systemic inflammation from anti-inflammatory to proinflammatory. <i>Cell Cycle</i> , 2012, 11, 343-349.	1.3	39
74	Muscarinic receptors within the ventromedial hypothalamic nuclei modulate metabolic rate during physical exercise. <i>Neuroscience Letters</i> , 2011, 488, 210-214.	1.0	16
75	The hypothermic response to bacterial lipopolysaccharide critically depends on brain CB1, but not CB2 or TRPV1, receptors. <i>Journal of Physiology</i> , 2011, 589, 2415-2431.	1.3	52
76	Thermoregulatory Phenotype of the <i>Trpv1</i> Knockout Mouse: Thermoeffector Dysbalance with Hyperkinesia. <i>Journal of Neuroscience</i> , 2011, 31, 1721-1733.	1.7	122
77	Hyperactive when young, hypoactive and overweight when aged: Connecting the dots in the story about locomotor activity, body mass, and aging in <i>Trpv1</i> knockout mice. <i>Aging</i> , 2011, 3, 450-454.	1.4	32
78	Submaximal exercise-induced increase of Fos expression in the paraventricular nucleus of hypothalamus is related to the body heating rate. <i>FASEB Journal</i> , 2011, 25, 1053.28.	0.2	0
79	Sinoaortic denervation prevents enhanced heat loss induced by central cholinergic stimulation during physical exercise. <i>Brain Research</i> , 2010, 1366, 120-128.	1.1	20
80	Exercise-induced Fatigue is Mediated by Muscarinic Cholinoceptors within the Ventromedial Hypothalamus. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 104.	0.2	1
81	Integrity of paraventricular nucleus is critical for thermoregulation adjustments during exercise. <i>FASEB Journal</i> , 2010, 24, 991.3.	0.2	0
82	Evidence that Functional Integrity of the Dorsomedial Hypothalamus is Critical for Physical Performance. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 29.	0.2	0
83	Sinoaortic Denervation Prevents Enhanced Heat Loss Induced By Central Cholinergic Stimulation During Physical Exercise.. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 112.	0.2	0
84	Thermoregulatory Responses Induced by Central Cholinergic Stimulation During Exercise Are Mediated By Arterial Baroreceptors.. <i>FASEB Journal</i> , 2009, 23, 788.6.	0.2	0
85	Evidence that brain L-arginine availability modulates heat loss during physical exercise in rats. <i>FASEB Journal</i> , 2008, 22, 956.12.	0.2	1
86	Muscarinic cholinoceptors in the ventromedial hypothalamic nucleus facilitate tail heat loss during physical exercise. <i>Brain Research Bulletin</i> , 2007, 73, 28-33.	1.4	34
87	Muscarinic cholinoceptors in the ventromedial hypothalamic nucleus (VMH) facilitate tail heat loss during exercise. <i>FASEB Journal</i> , 2007, 21, A579.	0.2	0
88	Estimated energy expenditure and training intensity in young female artistic gymnasts. <i>Motriz Revista De Educacao Fisica</i> , 0, 28, .	0.3	1