

Tsubasa Tomoto

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

444
citations

759233

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44
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520
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Year Aerobic Exercise Reduced Carotid Arterial Stiffness and Increased Cerebral Blood Flow in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 841-853.	2.6	48
2	Heart-to-Brachium Pulse Wave Velocity as a Measure of Proximal Aortic Stiffness: MRI and Longitudinal Studies. <i>American Journal of Hypertension</i> , 2019, 32, 146-154.	2.0	32
3	Midlife aerobic exercise and brain structural integrity: Associations with age and cardiorespiratory fitness. <i>NeuroImage</i> , 2021, 225, 117512.	4.2	31
4	Cerebral vasomotor reactivity during hypo- and hypercapnia across the adult lifespan. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 600-610.	4.3	29
5	Impact of leg blood flow restriction during walking on central arterial hemodynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R732-R739.	1.8	28
6	The influence of central arterial compliance on cerebrovascular hemodynamics: insights from endurance training intervention. <i>Journal of Applied Physiology</i> , 2015, 119, 445-451.	2.5	27
7	Impact of short-term training camp on arterial stiffness in endurance runners. <i>Journal of Physiological Sciences</i> , 2015, 65, 445-449.	2.1	19
8	Carotid Stiffness is Associated with Brain Amyloid- β Burden in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 925-935.	2.6	19
9	Arterial stiffness of lifelong Japanese female pearl divers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R975-R978.	1.8	18
10	One-year aerobic exercise altered cerebral vasomotor reactivity in mild cognitive impairment. <i>Journal of Applied Physiology</i> , 2021, 131, 119-130.	2.5	16
11	Relation between arterial stiffness and aerobic capacity: Importance of proximal aortic stiffness. <i>European Journal of Sport Science</i> , 2017, 17, 571-575.	2.7	15
12	Impaired cerebral blood flow regulation in chronic traumatic brain injury. <i>Brain Research</i> , 2020, 1743, 146924.	2.2	14
13	Aerobic exercise training and neurocognitive function in cognitively normal older adults: A one-year randomized controlled trial. <i>Journal of Internal Medicine</i> , 2022, 292, 788-803.	6.0	14
14	Arterial path length estimation for heart-to-brachium pulse wave velocity. <i>Hypertension Research</i> , 2018, 41, 444-450.	2.7	12
15	Impact of mild orthostatic stress on aortic-cerebral hemodynamic transmission: insight from the frequency domain. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H1076-H1084.	3.2	11
16	Influence of blood flow velocity on arterial distensibility of carotid artery in healthy men. <i>Journal of Physiological Sciences</i> , 2017, 67, 191-196.	2.1	10
17	Relationship between Aortic Compliance and Impact of Cerebral Blood Flow Fluctuation to Dynamic Orthostatic Challenge in Endurance Athletes. <i>Frontiers in Physiology</i> , 2018, 9, 25.	2.8	9
18	Aortic reservoir function of Japanese female pearl divers. <i>Journal of Applied Physiology</i> , 2018, 125, 1901-1905.	2.5	9

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19	Carotid Arterial Stiffness and Cerebral Blood Flow in Amnestic Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2021, 17, 1115-1125.	1.4	9
20	A proof-of-concept trial of a community-based aerobic exercise program for individuals with traumatic brain injury. <i>Brain Injury</i> , 2021, 35, 233-240.	1.2	8
21	Midlife aerobic exercise and dynamic cerebral autoregulation: associations with baroreflex sensitivity and central arterial stiffness. <i>Journal of Applied Physiology</i> , 2021, 131, 1599-1612.	2.5	8
22	Effects of endothelin-related gene polymorphisms and aerobic exercise habit on age-related arterial stiffening: a 10-yr longitudinal study. <i>Journal of Applied Physiology</i> , 2018, 124, 312-320.	2.5	7
23	Middle-aged endurance athletes exhibit lower cerebrovascular impedance than sedentary peers. <i>Journal of Applied Physiology</i> , 2020, 129, 335-342.	2.5	7
24	Older age and male sex are associated with higher cerebrovascular impedance. <i>Journal of Applied Physiology</i> , 2021, 130, 172-181.	2.5	7
25	ACUTE EFFECT OF LOW-INTENSITY ECCENTRIC EXERCISE ON ANGLE OF PEAK TORQUE IN SUBJECTS WITH DECREASED HAMSTRING FLEXIBILITY. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 890-895.	1.3	6
26	Effects of short-term warm water immersion on cardiac baroreflex sensitivity in healthy men. <i>Journal of Physiological Sciences</i> , 2020, 70, 34.	2.1	4
27	Cerebral Vasomotor Reactivity in Amnestic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 191-202.	2.6	4
28	Acute Effects of Short-Term Warm Water Immersion on Arterial Stiffness and Central Hemodynamics. <i>Frontiers in Physiology</i> , 2021, 12, 620201.	2.8	4
29	A week of Danjiki (Buddhist fasting ritual) on cardiometabolic health: a case report. <i>Journal of Physiological Sciences</i> , 2016, 66, 431-434.	2.1	3
30	Hippocampal and rostral anterior cingulate blood flow is associated with affective symptoms in chronic traumatic brain injury. <i>Brain Research</i> , 2021, 1771, 147631.	2.2	3
31	Resting-state functional MRI signal fluctuation amplitudes are correlated with brain amyloid- β deposition in patients with mild cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 876-890.	4.3	3
32	Effect of change in passive stiffness following low-intensity eccentric hamstring exercise on peak torque angle. <i>Journal of Physical Therapy Science</i> , 2018, 30, 1434-1439.	0.6	2
33	Impact of Short-Term Training Camp on Aortic Blood Pressure in Collegiate Endurance Runners. <i>Frontiers in Physiology</i> , 2018, 9, 290.	2.8	2
34	Carotid Arterial Compliance and Aerobic Exercise Training in Chronic Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2021, Publish Ahead of Print, .	1.7	2
35	Effects of Mild Orthostatic Stimulation on Cerebral Pulsatile Hemodynamics. <i>Frontiers in Physiology</i> , 2019, 10, 230.	2.8	1
36	Acute Effects of Short-Term Warm Water Immersion on Vascular Function. <i>FASEB Journal</i> , 2021, 35, .	0.5	0

#	ARTICLE	IF	CITATIONS
37	Impact of Aging on the Windkessel Function of Carotid Artery. FASEB Journal, 2019, 33, 688.11.	0.5	0
38	Cerebrovascular Impedance across the Adult Life Span. FASEB Journal, 2019, 33, 696.18.	0.5	0
39	Dynamic Carotid Pressureâ€”Area Relation across the Adult Lifespan. FASEB Journal, 2019, 33, 688.10.	0.5	0
40	Cerebrovascular Impedance in Middle-aged Endurance Athletes. Japanese Journal of Physical Fitness and Sports Medicine, 2020, 69, 140-140.	0.0	0
41	Estimation of Cerebral Vasomotor Reactivity with Near Infrared Spectroscopy in Young Adults. FASEB Journal, 2020, 34, 1-1.	0.5	0
42	Effects of statins on cerebral blood velocity in older adults at risk for Alzheimerâ€™s disease: Data from a phase II multisite clinical trial. Alzheimer's and Dementia, 2021, 17, e050679.	0.8	0