

Shigehiko Ogoh

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

7,312
citations

53660

45
h-index

66788

78
g-index

191
all docs

191
docs citations

191
times ranked

4629
citing authors

#	ARTICLE	IF	CITATIONS
1	Utility of transcranial Doppler ultrasound for the integrative assessment of cerebrovascular function. <i>Journal of Neuroscience Methods</i> , 2011, 196, 221-237.	1.3	460
2	Cerebral blood flow during exercise: mechanisms of regulation. <i>Journal of Applied Physiology</i> , 2009, 107, 1370-1380.	1.2	401
3	The effect of changes in cardiac output on middle cerebral artery mean blood velocity at rest and during exercise. <i>Journal of Physiology</i> , 2005, 569, 697-704.	1.3	248
4	Influence of Changes in Blood Pressure on Cerebral Perfusion and Oxygenation. <i>Hypertension</i> , 2010, 55, 698-705.	1.3	239
5	Arterial baroreflex resetting during exercise: a current perspective. <i>Experimental Physiology</i> , 2006, 91, 37-49.	0.9	234
6	The distribution of blood flow in the carotid and vertebral arteries during dynamic exercise in humans. <i>Journal of Physiology</i> , 2011, 589, 2847-2856.	1.3	230
7	Elevated Aerobic Fitness Sustained Throughout the Adult Lifespan Is Associated With Improved Cerebral Hemodynamics. <i>Stroke</i> , 2013, 44, 3235-3238.	1.0	175
8	Differential blood flow responses to CO ₂ in human internal and external carotid and vertebral arteries. <i>Journal of Physiology</i> , 2012, 590, 3277-3290.	1.3	160
9	Autonomic Neural Control of the Cerebral Vasculature. <i>Stroke</i> , 2008, 39, 1979-1987.	1.0	153
10	Baroreflex-Mediated Changes in Cardiac Output and Vascular Conductance in Response to Alterations in Carotid Sinus Pressure during Exercise in Humans. <i>Journal of Physiology</i> , 2003, 550, 317-324.	1.3	134
11	Autonomic nervous system influence on arterial baroreflex control of heart rate during exercise in humans. <i>Journal of Physiology</i> , 2005, 566, 599-611.	1.3	132
12	Regulation of cerebral blood flow in mammals during chronic hypoxia: a matter of balance. <i>Experimental Physiology</i> , 2010, 95, 251-262.	0.9	131
13	Dynamic cerebral autoregulation during exhaustive exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1461-H1467.	1.5	125
14	Regulatory Mechanisms of Cerebral Blood Flow During Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2009, 37, 123-129.	1.6	114
15	Impaired cerebral haemodynamic function associated with chronic traumatic brain injury in professional boxers. <i>Clinical Science</i> , 2013, 124, 177-189.	1.8	111
16	Blood flow in internal carotid and vertebral arteries during orthostatic stress. <i>Experimental Physiology</i> , 2012, 97, 1272-1280.	0.9	107
17	Role of central command in carotid baroreflex resetting in humans during static exercise. <i>Journal of Physiology</i> , 2002, 543, 349-364.	1.3	102
18	Middle cerebral artery flow velocity and pulse pressure during dynamic exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1526-H1531.	1.5	102

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19	Alterations in cerebral autoregulation and cerebral blood flow velocity during acute hypoxia: rest and exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H976-H983.	1.5	101
20	Recent Insights into Carotid Baroreflex Function in Humans Using the Variable Pressure Neck Chamber. <i>Experimental Physiology</i> , 2003, 88, 671-680.	0.9	100
21	Relationship between cognitive function and regulation of cerebral blood flow. <i>Journal of Physiological Sciences</i> , 2017, 67, 345-351.	0.9	98
22	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. <i>Journal of Physiology</i> , 2020, 598, 2513-2530.	1.3	92
23	Maintained exercise-enhanced brain executive function related to cerebral lactate metabolism in men. <i>FASEB Journal</i> , 2018, 32, 1417-1427.	0.2	91
24	Exercise-induced oxidative-nitrosative stress is associated with impaired dynamic cerebral autoregulation and blood-brain barrier leakage. <i>Experimental Physiology</i> , 2011, 96, 1196-1207.	0.9	81
25	The effect of changes in cerebral blood flow on cognitive function during exercise. <i>Physiological Reports</i> , 2014, 2, e12163.	0.7	81
26	The effect of phenylephrine on arterial and venous cerebral blood flow in healthy subjects. <i>Clinical Physiology and Functional Imaging</i> , 2011, 31, 445-451.	0.5	80
27	Blood Flow Distribution during Heat Stress: Cerebral and Systemic Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1915-1920.	2.4	80
28	Carotid baroreflex responsiveness to head-up tilt-induced central hypovolaemia: effect of aerobic fitness. <i>Journal of Physiology</i> , 2003, 551, 601-608.	1.3	79
29	Haemodynamic changes during neck pressure and suction in seated and supine positions. <i>Journal of Physiology</i> , 2002, 540, 707-716.	1.3	78
30	Interaction between the ventilatory and cerebrovascular responses to hypo- and hypercapnia at rest and during exercise. <i>Journal of Physiology</i> , 2008, 586, 4327-4338.	1.3	74
31	Effect of acute hypoxia on blood flow in vertebral and internal carotid arteries. <i>Experimental Physiology</i> , 2013, 98, 692-698.	0.9	72
32	Influence of baroreflex-mediated tachycardia on the regulation of dynamic cerebral perfusion during acute hypotension in humans. <i>Journal of Physiology</i> , 2010, 588, 365-371.	1.3	71
33	Dynamic cerebral autoregulation and baroreflex sensitivity during modest and severe step changes in arterial PCO ₂ . <i>Brain Research</i> , 2008, 1230, 115-124.	1.1	58
34	Skin blood flow influences cerebral oxygenation measured by near-infrared spectroscopy during dynamic exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 2841-2848.	1.2	57
35	Regulation of middle cerebral artery blood velocity during dynamic exercise in humans: influence of aging. <i>Journal of Applied Physiology</i> , 2008, 105, 266-273.	1.2	55
36	Repeated high-intensity interval exercise shortens the positive effect on executive function during post-exercise recovery in healthy young males. <i>Physiology and Behavior</i> , 2016, 160, 26-34.	1.0	55

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37	Exaggerated systemic oxidative-inflammatory-nitrosative stress in chronic mountain sickness is associated with cognitive decline and depression. <i>Journal of Physiology</i> , 2019, 597, 611-629.	1.3	55
38	A Decrease in Spatially Resolved Near-Infrared Spectroscopy-Determined Frontal Lobe Tissue Oxygenation by Phenylephrine Reflects Reduced Skin Blood Flow. <i>Anesthesia and Analgesia</i> , 2014, 118, 823-829.	1.1	53
39	Alterations in autonomic function and cerebral hemodynamics to orthostatic challenge following a mountain marathon. <i>Journal of Applied Physiology</i> , 2007, 103, 88-96.	1.2	52
40	Cerebral carbohydrate cost of physical exertion in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R534-R540.	0.9	51
41	Onset responses of ventilation and cerebral blood flow to hypercapnia in humans: rest and exercise. <i>Journal of Applied Physiology</i> , 2009, 106, 880-886.	1.2	50
42	Inhibition of KATPchannel activity augments baroreflex-mediated vasoconstriction in exercising human skeletal muscle. <i>Journal of Physiology</i> , 2004, 561, 273-282.	1.3	49
43	Blood flow in internal carotid and vertebral arteries during graded lower body negative pressure in humans. <i>Experimental Physiology</i> , 2015, 100, 259-266.	0.9	49
44	Differential effects of acute hypoxia and high altitude on cerebral blood flow velocity and dynamic cerebral autoregulation: alterations with hyperoxia. <i>Journal of Applied Physiology</i> , 2008, 104, 490-498.	1.2	47
45	Carotid baroreflex control of leg vascular conductance at rest and during exercise. <i>Journal of Applied Physiology</i> , 2003, 94, 542-548.	1.2	46
46	Increases in central blood volume modulate carotid baroreflex resetting during dynamic exercise in humans. <i>Journal of Physiology</i> , 2007, 581, 405-418.	1.3	46
47	The effect of oxygen on dynamic cerebral autoregulation: critical role of hypocapnia. <i>Journal of Applied Physiology</i> , 2010, 108, 538-543.	1.2	44
48	Arterial baroreflex control of muscle sympathetic nerve activity in the transition from rest to steady-state dynamic exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2202-H2209.	1.5	43
49	Carotid baroreflex control of leg vasculature in exercising and non-exercising skeletal muscle in humans. <i>Journal of Physiology</i> , 2004, 561, 283-293.	1.3	42
50	Influence of skin blood flow and source-detector distance on near-infrared spectroscopy-determined cerebral oxygenation in humans. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 237-244.	0.5	42
51	Dynamic blood pressure control and middle cerebral artery mean blood velocity variability at rest and during exercise in humans. <i>Acta Physiologica</i> , 2007, 191, 3-14.	1.8	41
52	Regulation of middle cerebral artery blood velocity during recovery from dynamic exercise in humans. <i>Journal of Applied Physiology</i> , 2007, 102, 713-721.	1.2	39
53	Effect of Exercise on Brain Health: The Potential Role of Lactate as a Myokine. <i>Metabolites</i> , 2021, 11, 813.	1.3	39
54	Experimental Physiology Research Paper: Glycopyrrolate abolishes the exercise-induced increase in cerebral perfusion in humans. <i>Experimental Physiology</i> , 2010, 95, 1016-1025.	0.9	36

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55	Spontaneous baroreflex measures are unable to detect age-related impairments in cardiac baroreflex function during dynamic exercise in humans. <i>Experimental Physiology</i> , 2009, 94, 447-458.	0.9	35
56	Extra-cerebral oxygenation influence on near-infrared spectroscopy-determined frontal lobe oxygenation in healthy volunteers: a comparison between INVOS4100 and NIRO200NX. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 177-184.	0.5	35
57	Regional redistribution of blood flow in the external and internal carotid arteries during acute hypotension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R747-R751.	0.9	34
58	External carotid artery flow maintains near infrared spectroscopy-determined frontal lobe oxygenation during ephedrine administration. <i>British Journal of Anaesthesia</i> , 2014, 113, 452-458.	1.5	34
59	Sex differences in baroreflex function in health and disease. <i>Journal of Physiological Sciences</i> , 2019, 69, 851-859.	0.9	34
60	Dynamic cerebral autoregulation during and after handgrip exercise in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1701-1705.	1.2	33
61	Cerebral blood flow regulation and cognitive function: a role of arterial baroreflex function. <i>Journal of Physiological Sciences</i> , 2019, 69, 813-823.	0.9	33
62	Autonomic Control of Cerebral Circulation. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 2046-2054.	0.2	32
63	Cerebral hypoperfusion during hypoxic exercise following two different hypoxic exposures: independence from changes in dynamic autoregulation and reactivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1613-R1622.	0.9	31
64	Enhanced open-loop but not closed-loop cardiac baroreflex sensitivity during orthostatic stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1591-R1598.	0.9	31
65	Acute Effect of Static Stretching Exercise on Arterial Stiffness in Healthy Young Adults. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, 764-770.	0.7	31
66	Interaction between the respiratory system and cerebral blood flow regulation. <i>Journal of Applied Physiology</i> , 2019, 127, 1197-1205.	1.2	31
67	Influence of ageing on carotid baroreflex peak response latency in humans. <i>Journal of Physiology</i> , 2009, 587, 5427-5439.	1.3	30
68	Enhanced muscle pump during mild dynamic leg exercise inhibits sympathetic vasomotor outflow. <i>Physiological Reports</i> , 2014, 2, e12070.	0.7	30
69	Effects of acute hypoxia on cerebrovascular responses to carbon dioxide. <i>Experimental Physiology</i> , 2014, 99, 849-858.	0.9	29
70	Cardiovascular Reflexes Activity and Their Interaction during Exercise. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	29
71	Exercise intensity influences cardiac baroreflex function at the onset of isometric exercise in humans. <i>Journal of Applied Physiology</i> , 2007, 103, 941-947.	1.2	28
72	Effect of an acute increase in central blood volume on cerebral hemodynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R902-R911.	0.9	28

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73	Effects of changes in central blood volume on carotid-vasomotor baroreflex sensitivity at rest and during exercise. <i>Journal of Applied Physiology</i> , 2006, 101, 68-75.	1.2	27
74	Transfer function characteristics of the neural and peripheral arterial baroreflex arcs at rest and during postexercise muscle ischemia in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1416-H1424.	1.5	27
75	Influence of single bout of aerobic exercise on aortic pulse pressure. <i>European Journal of Applied Physiology</i> , 2015, 115, 739-746.	1.2	27
76	Carotid baroreflex function ceases during vasovagal syncope. <i>Clinical Autonomic Research</i> , 2004, 14, 30-33.	1.4	26
77	Dynamic carotid baroreflex control of the peripheral circulation during exercise in humans. <i>Journal of Physiology</i> , 2004, 559, 675-684.	1.3	24
78	Carotid-Cardiac Baroreflex Function Does Not Influence Blood Pressure Regulation during Head-Up Tilt in Humans. <i>Journal of Physiological Sciences</i> , 2006, 56, 227-233.	0.9	24
79	Acute effect of stretching one leg on regional arterial stiffness in young men. <i>European Journal of Applied Physiology</i> , 2017, 117, 1227-1232.	1.2	24
80	Cardiopulmonary baroreflex is reset during dynamic exercise. <i>Journal of Applied Physiology</i> , 2006, 100, 51-59.	1.2	23
81	Influence of age on cardiac baroreflex function during dynamic exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H777-H783.	1.5	23
82	Cardiac and vasomotor components of the carotid baroreflex control of arterial blood pressure during isometric exercise in humans. <i>Journal of Physiology</i> , 2006, 572, 869-880.	1.3	22
83	Estimation of cerebral vascular tone during exercise; evaluation by critical closing pressure in humans. <i>Experimental Physiology</i> , 2010, 95, 678-685.	0.9	21
84	Hyperthermia modulates regional differences in cerebral blood flow to changes in CO ₂ . <i>Journal of Applied Physiology</i> , 2014, 117, 46-52.	1.2	21
85	Heterogeneous Regulation of Brain Blood Flow during Low-Intensity Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1829-1834.	0.2	21
86	Effects of acute hypoxia on human cognitive processing: a study using ERPs and SEPs. <i>Journal of Applied Physiology</i> , 2017, 123, 1246-1255.	1.2	21
87	High-intensity muscle metaboreflex activation attenuates cardiopulmonary baroreflex-mediated inhibition of muscle sympathetic nerve activity. <i>Journal of Applied Physiology</i> , 2018, 125, 812-819.	1.2	21
88	Relationship between aerobic endurance training and dynamic cerebral blood flow regulation in humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e320-9.	1.3	20
89	Manipulation of central blood volume and implications for respiratory control function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1669-H1678.	1.5	20
90	Dynamic cerebral autoregulation in anterior and posterior cerebral circulation during cold pressor test. <i>Journal of Physiological Sciences</i> , 2020, 70, 1.	0.9	20

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91	Effects of hyperglycemia on the cerebrovascular response to rhythmic handgrip exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H467-H473.	1.5	19
92	Impact of short-term training camp on arterial stiffness in endurance runners. <i>Journal of Physiological Sciences</i> , 2015, 65, 445-449.	0.9	19
93	Near-infrared spectroscopy determined cerebral oxygenation with eliminated skin blood flow in young males. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 243-250.	0.7	19
94	Effect of increases in cardiac contractility on cerebral blood flow in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H1155-H1161.	1.5	19
95	Does Pulsatile and Sustained Neck Pressure or Neck Suction Produce Differential Cardiovascular and Sympathetic Responses in Humans?. <i>Experimental Physiology</i> , 2003, 88, 595-601.	0.9	18
96	Transcranial Doppler-determined change in posterior cerebral artery blood flow velocity does not reflect vertebral artery blood flow during exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H827-H831.	1.5	18
97	Impact of age on critical closing pressure of the cerebral circulation during dynamic exercise in humans. <i>Experimental Physiology</i> , 2011, 96, 417-425.	0.9	17
98	Systemic oxidative and nitrosative inflammatory stress during acute exercise in hypoxia; implications for microvascular oxygenation and aerobic capacity. <i>Experimental Physiology</i> , 2014, 99, 1648-1662.	0.9	17
99	Differential effect of sympathetic activation on tissue oxygenation in gastrocnemius and soleus muscles during exercise in humans. <i>Experimental Physiology</i> , 2014, 99, 348-358.	0.9	17
100	Arterial and venous cerebral blood flow responses to long-term head-down bed rest in male volunteers. <i>Experimental Physiology</i> , 2020, 105, 44-52.	0.9	17
101	Serial evaluation of fatty acid metabolism in rats with myocardial infarction by pinhole SPECT. <i>Journal of Nuclear Cardiology</i> , 2001, 8, 472-481.	1.4	16
102	The effects of aerobic fitness and β 1-adrenergic receptor blockade on cardiac work during dynamic exercise. <i>Journal of Applied Physiology</i> , 2009, 106, 486-493.	1.2	16
103	Impact of chronic exercise training on the blood pressure response to orthostatic stimulation. <i>Journal of Applied Physiology</i> , 2012, 112, 1891-1896.	1.2	16
104	Cerebral hypoperfusion modifies the respiratory chemoreflex during orthostatic stress. <i>Clinical Science</i> , 2013, 125, 37-44.	1.8	15
105	Hypoxia attenuates cardiopulmonary reflex control of sympathetic nerve activity during mild dynamic leg exercise. <i>Experimental Physiology</i> , 2016, 101, 377-386.	0.9	15
106	Carotid baroreflex function at the onset of cycling in men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R870-R878.	0.9	15
107	Acute effect of coffee drinking on dynamic cerebral autoregulation. <i>European Journal of Applied Physiology</i> , 2016, 116, 879-884.	1.2	15
108	Gravity, intracranial pressure, and cerebral autoregulation. <i>Physiological Reports</i> , 2019, 7, e14039.	0.7	15

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109	Dynamic Cerebral Autoregulation Is Maintained during High-Intensity Interval Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 372-378.	0.2	15
110	Habitual cigarette smoking attenuates shear-mediated dilation in the brachial artery but not in the carotid artery in young adults. <i>Physiological Reports</i> , 2020, 8, e14369.	0.7	15
111	Face cooling with mist water increases cerebral blood flow during exercise: effect of changes in facial skin blood flow. <i>Frontiers in Physiology</i> , 2012, 3, 308.	1.3	14
112	Acute vascular effects of carbonated warm water lower leg immersion in healthy young adults. <i>Physiological Reports</i> , 2016, 4, e13046.	0.7	14
113	Dynamic cerebral autoregulation is unrelated to decrease in external carotid artery blood flow during acute hypotension in healthy young men. <i>Experimental Physiology</i> , 2016, 101, 1040-1049.	0.9	14
114	Coupling between arterial and venous cerebral blood flow during postural change. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1255-R1261.	0.9	14
115	Kinetics of exercise-induced neural activation; interpretive dilemma of altered cerebral perfusion. <i>Experimental Physiology</i> , 2012, 97, 219-227.	0.9	13
116	Internal carotid, external carotid and vertebral artery blood flow responses to 3 days of head-out dry immersion. <i>Experimental Physiology</i> , 2017, 102, 1278-1287.	0.9	13
117	Regulation of regional cerebral blood flow during graded reflex-mediated sympathetic activation via lower body negative pressure. <i>Journal of Applied Physiology</i> , 2018, 125, 1779-1786.	1.2	13
118	Muscle pump-induced inhibition of sympathetic vasomotor outflow during low-intensity leg cycling is attenuated by muscle metaboreflex activation. <i>Journal of Applied Physiology</i> , 2020, 128, 1-7.	1.2	13
119	Cerebral hypoperfusion modifies the respiratory chemoreflex during orthostatic stress. <i>Clinical Science</i> , 2013, 125, 37-44.	1.8	12
120	Heat stress redistributes blood flow in arteries of the brain during dynamic exercise. <i>Journal of Applied Physiology</i> , 2016, 120, 766-773.	1.2	12
121	Interaction between graviception and carotid baroreflex function in humans during parabolic flight-induced microgravity. <i>Journal of Applied Physiology</i> , 2018, 125, 634-641.	1.2	12
122	Does respiratory drive modify the cerebral vascular response to changes in end-tidal carbon dioxide?. <i>Experimental Physiology</i> , 2019, 104, 1363-1370.	0.9	12
123	Brain blood and cerebrospinal fluid flow dynamics during rhythmic handgrip exercise in young healthy men and women. <i>Journal of Physiology</i> , 2021, 599, 1799-1813.	1.3	12
124	Cerebral blood flow regulation during hypoxia. <i>Experimental Physiology</i> , 2015, 100, 109-110.	0.9	11
125	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.	1.5	11
126	Acute impact of drinking coffee on the cerebral and systemic vasculature. <i>Physiological Reports</i> , 2017, 5, e13288.	0.7	11

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127	Acute effect of passive one-legged intermittent static stretching on regional blood flow in young men. <i>European Journal of Applied Physiology</i> , 2021, 121, 331-337.	1.2	11
128	Dynamic cerebral autoregulation during cognitive task: effect of hypoxia. <i>Journal of Applied Physiology</i> , 2018, 124, 1413-1419.	1.2	10
129	Effects of acute interval handgrip exercise on cognitive performance. <i>Physiology and Behavior</i> , 2021, 232, 113327.	1.0	10
130	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.	1.3	9
131	Gravitational Transitions Increase Posterior Cerebral Perfusion and Systemic Oxidative-nitrosative Stress: Implications for Neurovascular Unit Integrity. <i>Neuroscience</i> , 2020, 441, 142-160.	1.1	9
132	Greater increase in internal carotid artery shear rate during aerobic interval compared to continuous exercise in healthy adult men. <i>Physiological Reports</i> , 2021, 9, e14705.	0.7	9
133	Gravitational effects on intracranial pressure and blood flow regulation in young men: a potential shunting role for the external carotid artery. <i>Journal of Applied Physiology</i> , 2020, 129, 901-908.	1.2	8
134	Effect of systemic β_1 -adrenergic receptor blockade on central blood pressure response during exercise. <i>Journal of Physiological Sciences</i> , 2013, 63, 389-393.	0.9	7
135	Acute reduction in posterior cerebral blood flow following isometric handgrip exercise is augmented by lower body negative pressure. <i>Physiological Reports</i> , 2018, 6, e13886.	0.7	7
136	Effect of leg immersion in mild warm carbonated water on skin and muscle blood flow. <i>Physiological Reports</i> , 2018, 6, e13859.	0.7	7
137	Long-term Exercise Confers Equivalent Neuroprotection in Females Despite Lower Cardiorespiratory Fitness. <i>Neuroscience</i> , 2020, 427, 58-63.	1.1	7
138	Relationship between cerebral arterial inflow and venous outflow during dynamic supine exercise. <i>Physiological Reports</i> , 2017, 5, e13292.	0.7	6
139	The effect of muscle metaboreflex on the distribution of blood flow in cerebral arteries during isometric exercise. <i>Journal of Physiological Sciences</i> , 2019, 69, 375-385.	0.9	6
140	Influence of regular exercise training on post-exercise hemodynamic regulation to orthostatic challenge. <i>Frontiers in Physiology</i> , 2014, 5, 229.	1.3	5
141	The effect of an acute increase in central blood volume on the response of cerebral blood flow to acute hypotension. <i>Journal of Applied Physiology</i> , 2015, 119, 527-533.	1.2	5
142	Anatomical vertebral artery hypoplasia and insufficiency impairs dynamic blood flow regulation. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 485-489.	0.5	5
143	Ultrasound tagged near infrared spectroscopy does not detect hyperventilation-induced reduction in cerebral blood flow. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 82-87.	0.6	5
144	Acute hypotension attenuates brachial flow-mediated dilation in young healthy men. <i>European Journal of Applied Physiology</i> , 2020, 120, 161-169.	1.2	5

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145	Differential impact of shear rate in the cerebral and systemic circulation: implications for endothelial function. <i>Journal of Applied Physiology</i> , 2021, 130, 1152-1154.	1.2	5
146	Effect of intermittent isometric handgrip exercise protocol with short exercise duration on cognitive performance. <i>Journal of Physiological Sciences</i> , 2021, 71, 12.	0.9	5
147	Sympathetic vasomotor outflow during low-intensity leg cycling in healthy older males. <i>Experimental Physiology</i> , 2022, 107, 825-833.	0.9	5
148	Heterogeneous regulation of cerebral blood flow in hypoxia; implications for dynamic cerebral autoregulation and susceptibility to acute mountain sickness. <i>Experimental Physiology</i> , 2017, 102, 383-383.	0.9	4
149	Cerebral blood flow regulation and cognitive function in women with posttraumatic stress disorder. <i>Journal of Applied Physiology</i> , 2018, 125, 1627-1635.	1.2	4
150	Cerebrovascular carbon dioxide reactivity and flow-mediated dilation in young healthy South Asian and Caucasian European men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H756-H763.	1.5	4
151	Plasma brain-derived neurotrophic factor and dynamic cerebral autoregulation in acute response to glycemic control following breakfast in young men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R69-R79.	0.9	4
152	Integrated respiratory chemoreflex-mediated regulation of cerebral blood flow in hypoxia: Implications for oxygen delivery and acute mountain sickness. <i>Experimental Physiology</i> , 2021, 106, 1922-1938.	0.9	4
153	Validity of transcranial Doppler ultrasonography-determined dynamic cerebral autoregulation estimated using transfer function analysis. <i>Journal of Clinical Monitoring and Computing</i> , 2022, , .	0.7	4
154	Effects of transient change in carotid arterial stiffness on arterial baroreflex during mild orthostatic stimulation. <i>Artery Research</i> , 2012, 6, 130.	0.3	3
155	Thermodilution-determined Internal Jugular Venous Flow. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 661-668.	0.2	3
156	Dynamic characteristics of cerebrovascular reactivity or ventilatory response to change in carbon dioxide. <i>Experimental Physiology</i> , 2020, 105, 1515-1523.	0.9	3
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