

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	Effect of breath-hold on the responses of arterial blood pressure and cerebral blood velocity to isometric exercise. <i>European Journal of Applied Physiology</i> , 2022, 122, 157-168.	1.2	1
2	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
3	Site-specific different dynamic cerebral autoregulation and cerebrovascular response to carbon dioxide in posterior cerebral circulation during isometric exercise in healthy young men. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022, 238, 102943.	1.4	3
4	Cerebral blood velocity and arterial pressure at the onset of exercise: potential influence of the cardiopulmonary baroreflex. <i>Clinical Autonomic Research</i> , 2022, , 1.	1.4	2
5	Influence of headâ€¦tile and lower body negative pressure on the internal jugular vein. <i>Physiological Reports</i> , 2022, 10, e15248.	0.7	3
6	Influence of cardiac output response to the onset of exercise on cerebral blood flow. <i>European Journal of Applied Physiology</i> , 2022, 122, 1939-1948.	1.2	2
7	Sympathetic vasomotor outflow during lowâ€¦intensity leg cycling in healthy older males. <i>Experimental Physiology</i> , 2022, 107, 825-833.	0.9	5
8	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
9	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
10	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
11	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
12	Last Word on Viewpoint: Differential impact of shear rate in the cerebral and systemic circulation: implications for endothelial function. <i>Journal of Applied Physiology</i> , 2021, 130, 1161-1162.	1.2	2
13	Effects of acute interval handgrip exercise on cognitive performance. <i>Physiology and Behavior</i> , 2021, 232, 113327.	1.0	10
14	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
15	Effect of jump exercise training on longâ€¦term headâ€¦down bed restâ€¦induced cerebral blood flow responses in arteries and veins. <i>Experimental Physiology</i> , 2021, 106, 1549-1558.	0.9	2
16	Integrated respiratory chemoreflexâ€¦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
17	Is individual day-to-day variation of arterial stiffness associated with variation of maximal aerobic performance?. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 4.	0.7	2
18	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

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19	Effect of Exercise on Brain Health: The Potential Role of Lactate as a Myokine. <i>Metabolites</i> , 2021, 11, 813.	1.3	39
20	Acute effects of the different relaxation periods during passive intermittent static stretching on arterial stiffness. <i>PLoS ONE</i> , 2021, 16, e0259444.	1.1	3
21	Acute Gravitational Stress Selectively Impairs Dynamic Cerebrovascular Reactivity in the Anterior Circulation Independent of Changes to the Central Respiratory Chemoreflex. <i>Frontiers in Physiology</i> , 2021, 12, 749255.	1.3	1
22	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
23	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
24	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
25	Long-term Exercise Confers Equivalent Neuroprotection in Females Despite Lower Cardiorespiratory Fitness. <i>Neuroscience</i> , 2020, 427, 58-63.	1.1	7
26	Dynamic characteristics of cerebrovascular reactivity or ventilatory response to change in carbon dioxide. <i>Experimental Physiology</i> , 2020, 105, 1515-1523.	0.9	3
27	Fluctuating shear during resistance exercise. <i>Experimental Physiology</i> , 2020, 105, 2004-2006.	0.9	1
28	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
29	An assessment of hypercapnia-induced elevations in regional cerebral perfusion during combined orthostatic and heat stresses. <i>Journal of Physiological Sciences</i> , 2020, 70, 25.	0.9	3
30	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
31	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
32	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
33	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
34	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. <i>Journal of Physiology</i> , 2020, 598, 2513-2530.	1.3	92
35	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
36	Does Exercise Improve False Episodic Memory in Dementia?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1829.	1.0	0

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37	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
38	Interaction between the respiratory system and cerebral blood flow regulation. <i>Journal of Applied Physiology</i> , 2019, 127, 1197-1205.	1.2	31
39	Gravity, intracranial pressure, and cerebral autoregulation. <i>Physiological Reports</i> , 2019, 7, e14039.	0.7	15
40	Effects of Mild Orthostatic Stimulation on Cerebral Pulsatile Hemodynamics. <i>Frontiers in Physiology</i> , 2019, 10, 230.	1.3	1
41	Sex differences in baroreflex function in health and disease. <i>Journal of Physiological Sciences</i> , 2019, 69, 851-859.	0.9	34
42	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
43	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
44	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
45	Maintained exercise-enhanced brain executive function related to cerebral lactate metabolism in men. <i>FASEB Journal</i> , 2018, 32, 1417-1427.	0.2	91
46	Dynamic cerebral autoregulation during cognitive task: effect of hypoxia. <i>Journal of Applied Physiology</i> , 2018, 124, 1413-1419.	1.2	10
47	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
48	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
49	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
50	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
51	Why do African Americans have a higher risk for cerebral disease?. <i>Experimental Physiology</i> , 2018, 103, 310-311.	0.9	1
52	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
53	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
54	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

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55	Impact of Short-Term Training Camp on Aortic Blood Pressure in Collegiate Endurance Runners. <i>Frontiers in Physiology</i> , 2018, 9, 290.	1.3	2
56	Chronic obstructive pulmonary disease-induced autonomic dysfunction may be associated with cerebral blood flow regulation and brain function. <i>Experimental Physiology</i> , 2018, 103, 1045-1046.	0.9	0
57	Cognitive Function and Dynamic Cerebral Blood Flow Regulation in Multiple Concussions. <i>Asian Journal of Sports Medicine</i> , 2018, 9, .	0.1	2
58	High Intensity Muscle Metaboreflex Activation Blunts Cardiopulmonary Baroreflex Control of Sympathetic Vasomotor Outflow. <i>FASEB Journal</i> , 2018, 32, 884.3.	0.2	0
59	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
60	Relationship between cognitive function and regulation of cerebral blood flow. <i>Journal of Physiological Sciences</i> , 2017, 67, 345-351.	0.9	98
61	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
62	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
63	Acute impact of drinking coffee on the cerebral and systemic vasculature. <i>Physiological Reports</i> , 2017, 5, e13288.	0.7	11
64	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
65	What is important for aging-induced arterial stiffening, autonomic dysfunction, vascular characteristics or both?. <i>Hypertension Research</i> , 2017, 40, 434-435.	1.5	0
66	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
67	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
68	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
69	Relationship between cerebral arterial inflow and venous outflow during dynamic supine exercise. <i>Physiological Reports</i> , 2017, 5, e13292.	0.7	6
70	Thermodilution-determined Internal Jugular Venous Flow. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 661-668.	0.2	3
71	Acute vascular effects of carbonated warm water lower leg immersion in healthy young adults. <i>Physiological Reports</i> , 2016, 4, e13046.	0.7	14
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	Acute effect of coffee drinking on dynamic cerebral autoregulation. <i>European Journal of Applied Physiology</i> , 2016, 116, 879-884.	1.2	15
82	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
83	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
84	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
85	Extra-cerebral oxygenation influence on near-infrared spectroscopy determined frontal lobe oxygenation in healthy volunteers: a comparison between INVOS [®] 4100 and NIRO [®] 200NX. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 177-184.	0.5	35
86	Cardiovascular Reflexes Activity and Their Interaction during Exercise. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	29
87	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
88	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
89	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
90	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

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91	Cerebral blood flow regulation during hypoxia. <i>Experimental Physiology</i> , 2015, 100, 109-110.	0.9	11
92	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
93	The effect of an acute increase in central blood volume on hypercapnia-induced attenuation in dynamic cerebral autoregulation. <i>FASEB Journal</i> , 2015, 29, 645.6.	0.2	0
94	Cardiac Mechanoreceptor Activation in Humans: Evaluation by Phenylephrine and Norepinephrine. <i>FASEB Journal</i> , 2015, 29, 643.3.	0.2	0
95	Impact of Mild Orthostatic Stress on Aortic Cerebral Pulsatile Flow Transmission: Insight from the Frequency Domain. <i>FASEB Journal</i> , 2015, 29, 833.2.	0.2	0
96	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
97	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
98	Influence of regular exercise training on post-exercise hemodynamic regulation to orthostatic challenge. <i>Frontiers in Physiology</i> , 2014, 5, 229.	1.3	5
99	Systemic oxidative-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
100	Enhanced muscle pump during mild dynamic leg exercise inhibits sympathetic vasomotor outflow. <i>Physiological Reports</i> , 2014, 2, e12070.	0.7	30
101	Effects of acute hypoxia on cerebrovascular responses to carbon dioxide. <i>Experimental Physiology</i> , 2014, 99, 849-858.	0.9	29
102	The effect of changes in cerebral blood flow on cognitive function during exercise. <i>Physiological Reports</i> , 2014, 2, e12163.	0.7	81
103	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
104	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
105	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
106	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
107	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
108	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

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109	Cerebral hypoperfusion modifies the respiratory chemoreflex during orthostatic stress. <i>Clinical Science</i> , 2013, 125, 37-44.	1.8	12
110	Impaired cerebral haemodynamic function associated with chronic traumatic brain injury in professional boxers. <i>Clinical Science</i> , 2013, 124, 177-189.	1.8	111
111	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
112	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
113	Effect of acute hypoxia on blood flow in vertebral and internal carotid arteries. <i>Experimental Physiology</i> , 2013, 98, 692-698.	0.9	72
114	Cerebral hypoperfusion modifies the respiratory chemoreflex during orthostatic stress. <i>Clinical Science</i> , 2013, 125, 37-44.	1.8	15
115	Elevated Aerobic Fitness Sustained Throughout the Adult Lifespan Is Associated With Improved Cerebral Hemodynamics. <i>Stroke</i> , 2013, 44, 3235-3238.	1.0	175
116	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
117	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
118	Kinetics of exercise-induced neural activation; interpretive dilemma of altered cerebral perfusion. <i>Experimental Physiology</i> , 2012, 97, 219-227.	0.9	13
119	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
120	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
121	Blood flow in internal carotid and vertebral arteries during orthostatic stress. <i>Experimental Physiology</i> , 2012, 97, 1272-1280.	0.9	107
122	Arterial baroreflex regulation of cerebral blood flow in humans. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 631-636.	0.2	0
123	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
124	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
125	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
126	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

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127	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
128	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
129	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
130	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
131	Experimental Physiology â€“ <i>Research Paper</i>: Glycopyrrolate abolishes the exerciseâ€“induced increase in cerebral perfusion in humans. <i>Experimental Physiology</i> , 2010, 95, 1016-1025.	0.9	36
132	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
133	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
134	Dynamic cerebral autoregulation during and after handgrip exercise in humans. <i>Journal of Applied Physiology</i> , 2010, 108, 1701-1705.	1.2	33
135	Influence of Changes in Blood Pressure on Cerebral Perfusion and Oxygenation. <i>Hypertension</i> , 2010, 55, 698-705.	1.3	239
136	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
137	Regulatory Mechanisms of Cerebral Blood Flow During Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2009, 37, 123-129.	1.6	114
138	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
139	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
140	Spontaneous baroreflex measures are unable to detect ageâ€“related impairments in cardiac baroreflex function during dynamic exercise in humans. <i>Experimental Physiology</i> , 2009, 94, 447-458.	0.9	35
141	Influence of ageing on carotid baroreflex peak response latency in humans. <i>Journal of Physiology</i> , 2009, 587, 5427-5439.	1.3	30
142	Cerebral blood flow during exercise: mechanisms of regulation. <i>Journal of Applied Physiology</i> , 2009, 107, 1370-1380.	1.2	401
143	Ageâ€“related alterations in the critical closing pressure of the cerebral circulation from rest to exercise in healthy humans. <i>FASEB Journal</i> , 2009, 23, 613.15.	0.2	0
144	Interaction between the ventilatory and cerebrovascular responses to hypoâ€“and hypercapnia at rest and during exercise. <i>Journal of Physiology</i> , 2008, 586, 4327-4338.	1.3	74

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145	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
146	Autonomic Neural Control of the Cerebral Vasculature. <i>Stroke</i> , 2008, 39, 1979-1987.	1.0	153
147	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
148	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
149	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
150	Autonomic Control of Cerebral Circulation. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 2046-2054.	0.2	32
151	Response to Letter by Prakash. <i>Stroke</i> , 2008, 39, .	1.0	0
152	Dynamic pressureâ€flow relationships in the human cerebral circulation at rest with and without alpha1â€adrenoreceptor blockade. <i>FASEB Journal</i> , 2008, 22, 1151.18.	0.2	0
153	Cerebral blood flow reactivity to CO ₂ during exercise. <i>FASEB Journal</i> , 2008, 22, 737.40.	0.2	0
154	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
155	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
156	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
157	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
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