

# Joseph Donnelly

## List of Publications by Year in descending order

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Version: 2024-02-01

134  
papers

3,848  
citations

117453

34  
h-index

161609

54  
g-index

137  
all docs

137  
docs citations

137  
times ranked

2918  
citing authors

#	ARTICLE	IF	CITATIONS
1	A prospective observational study on the effect of emboli exposure on cerebral autoregulation in cardiac surgery requiring cardiopulmonary bypass. <i>Perfusion (United Kingdom)</i> , 2023, 38, 1045-1052.	0.5	1
2	Arterial and Venous Cerebral Blood Flow Velocities and Their Correlation in Healthy Volunteers and Traumatic Brain Injury Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, e24-e33.	0.6	4
3	Advancing respiratory cardiovascular physiology with the working heart brainstem preparation over 25 years. <i>Journal of Physiology</i> , 2022, 600, 2049-2075.	1.3	22
4	Comparison of different metrics of cerebral autoregulation in association with major morbidity and mortality after cardiac surgery. <i>British Journal of Anaesthesia</i> , 2022, 129, 22-32.	1.5	6
5	Visualising the pressure-time burden of elevated intracranial pressure after severe traumatic brain injury: a retrospective confirmatory study. <i>British Journal of Anaesthesia</i> , 2021, 126, e15-e17.	1.5	14
6	Autonomic Nervous System Activity during Refractory Rise in Intracranial Pressure. <i>Journal of Neurotrauma</i> , 2021, 38, 1662-1669.	1.7	6
7	Optimal Cerebral Perfusion Pressure Assessed with a Multi-Window Weighted Approach Adapted for Prospective Use: A Validation Study. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 181-185.	0.5	7
8	Cerebrovascular Consequences of Elevated Intracranial Pressure After Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 43-48.	0.5	6
9	Analysis of the Association Between Lung Function and Brain Tissue Oxygen Tension in Severe Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 27-30.	0.5	1
10	Lower Limit of Reactivity Assessed with PRx in an Experimental Setting. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 275-278.	0.5	9
11	An Update on the COGiTATE Phase II Study: Feasibility and Safety of Targeting an Optimal Cerebral Perfusion Pressure as a Patient-Tailored Therapy in Severe Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 143-147.	0.5	12
12	Visualization of Intracranial Pressure Insults After Severe Traumatic Brain Injury: Influence of Individualized Limits of Reactivity. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 7-10.	0.5	2
13	Variability of the Optic Nerve Sheath Diameter on the Basis of Sex and Age in a Cohort of Healthy Volunteers. <i>Acta Neurochirurgica Supplementum</i> , 2021, 131, 121-124.	0.5	7
14	Negligible influence of moderate to severe hyperthermia on blood-brain barrier permeability and neuronal parenchymal integrity in healthy men. <i>Journal of Applied Physiology</i> , 2021, 130, 792-800.	1.2	6
15	Influence of the mode of heating on cerebral blood flow, noninvasive intracranial pressure and thermal tolerance in humans. <i>Journal of Physiology</i> , 2021, 599, 1977-1996.	1.3	16
16	A prospective observational study of emboli exposure in open versus closed chamber cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2021, , 026765912110238.	0.5	1
17	Targeting Autoregulation-Guided Cerebral Perfusion Pressure after Traumatic Brain Injury (COGiTATE): A Feasibility Randomized Controlled Clinical Trial. <i>Journal of Neurotrauma</i> , 2021, 38, 2790-2800.	1.7	88
18	Midline shift in patients with closed traumatic brain injury may be driven by cerebral perfusion pressure not intracranial pressure. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 383-390.	0.3	5

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19	The influence of hemoconcentration on hypoxic pulmonary vasoconstriction in acute, prolonged, and lifelong hypoxemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H738-H747.	1.5	6
20	Characterising the dynamics of cerebral metabolic dysfunction following traumatic brain injury: A microdialysis study in 619 patients. <i>PLoS ONE</i> , 2021, 16, e0260291.	1.1	23
21	Observations on the Cerebral Effects of Refractory Intracranial Hypertension After Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2020, 32, 437-447.	1.2	18
22	Optic nerve sheath diameter ultrasonography at admission as a predictor of intracranial hypertension in traumatic brain injured patients: a prospective observational study. <i>Journal of Neurosurgery</i> , 2020, 132, 1279-1285.	0.9	30
23	Cerebral metabolism, oxidation and inflammation in severe passive hyperthermia with and without respiratory alkalosis. <i>Journal of Physiology</i> , 2020, 598, 943-954.	1.3	14
24	Continuous Near-infrared Spectroscopy Monitoring in Adult Traumatic Brain Injury: A Systematic Review. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 288-299.	0.6	40
25	Effects of Age and Sex on Optic Nerve Sheath Diameter in Healthy Volunteers and Patients With Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 764.	1.1	11
26	Assessment of cerebral autoregulation indices – a modelling perspective. <i>Scientific Reports</i> , 2020, 10, 9600.	1.6	19
27	Comparison of wavelet and correlation indices of cerebral autoregulation in a pediatric swine model of cardiac arrest. <i>Scientific Reports</i> , 2020, 10, 5926.	1.6	9
28	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study. <i>PLoS ONE</i> , 2020, 15, e0243427.	1.1	58
29	Title is missing!. , 2020, 15, e0243427.		0
30	Title is missing!. , 2020, 15, e0243427.		0
31	Title is missing!. , 2020, 15, e0243427.		0
32	Title is missing!. , 2020, 15, e0243427.		0
33	UBCâ€™Nepal expedition: phenotypical evidence for evolutionary adaptation in the control of cerebral blood flow and oxygen delivery at high altitude. <i>Journal of Physiology</i> , 2019, 597, 2993-3008.	1.3	16
34	Thresholds for identifying pathological intracranial pressure in paediatric traumatic brain injury. <i>Scientific Reports</i> , 2019, 9, 3537.	1.6	10
35	Transcranial Doppler Non-invasive Assessment of Intracranial Pressure, Autoregulation of Cerebral Blood Flow and Critical Closing Pressure during Orthotopic Liver Transplant. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1435-1445.	0.7	10
36	Feasibility of individualised severe traumatic brain injury management using an automated assessment of optimal cerebral perfusion pressure: the COGITATE phase II study protocol. <i>BMJ Open</i> , 2019, 9, e030727.	0.8	94

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37	Estimation of pulsatile cerebral arterial blood volume based on transcranial doppler signals. <i>Medical Engineering and Physics</i> , 2019, 74, 23-32.	0.8	10
38	Twenty-Five Years of Intracranial Pressure Monitoring After Severe Traumatic Brain Injury: A Retrospective, Single-Center Analysis. <i>Neurosurgery</i> , 2019, 85, E75-E82.	0.6	92
39	Changes in cardiac autonomic activity during intracranial pressure plateau waves in patients with traumatic brain injury. <i>Clinical Autonomic Research</i> , 2019, 29, 123-126.	1.4	9
40	Cerebrovascular assessment of patients undergoing shoulder surgery in beach chair position using a multiparameter transcranial Doppler approach. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 615-625.	0.7	14
41	Genetic drivers of cerebral blood flow dysfunction in TBI: a speculative synthesis. <i>Nature Reviews Neurology</i> , 2019, 15, 25-39.	4.9	33
42	Computed Tomography Indicators of Deranged Intracranial Physiology in Paediatric Traumatic Brain Injury. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 29-34.	0.5	5
43	The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e176.	0.4	0
44	Visualisation of the "Optimal Cerebral Perfusion" Landscape in Severe Traumatic Brain Injury Patients. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 55-58.	0.5	7
45	Non-invasive Intracranial Pressure Assessment in Brain Injured Patients Using Ultrasound-Based Methods. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 69-73.	0.5	35
46	Pre-hospital Predictors of Impaired ICP Trends in Continuous Monitoring of Paediatric Traumatic Brain Injury Patients. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 7-10.	0.5	3
47	Increased ICP and Its Cerebral Haemodynamic Sequelae. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 47-50.	0.5	4
48	Wavelet pressure reactivity index: a validation study. <i>Journal of Physiology</i> , 2018, 596, 2797-2809.	1.3	18
49	Estimating Pressure Reactivity Using Noninvasive Doppler-Based Systolic Flow Index. <i>Journal of Neurotrauma</i> , 2018, 35, 1559-1568.	1.7	26
50	Intracranial and Extracranial Injury Burden as Drivers of Impaired Cerebrovascular Reactivity in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1569-1577.	1.7	29
51	Optimal Cerebral Perfusion Pressure in Centers With Different Treatment Protocols. <i>Critical Care Medicine</i> , 2018, 46, e235-e241.	0.4	17
52	Brain Oxygenation Optimization After Severe Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2018, 46, e350.	0.4	2
53	Cerebral autoregulation, cerebrospinal fluid outflow resistance, and outcome following cerebrospinal fluid diversion in normal pressure hydrocephalus. <i>Journal of Neurosurgery</i> , 2018, 130, 154-162.	0.9	22
54	Transcranial Doppler Systolic Flow Index and ICP-Derived Cerebrovascular Reactivity Indices in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 314-322.	1.7	41

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55	ICP Versus Laser Doppler Cerebrovascular Reactivity Indices to Assess Brain Autoregulatory Capacity. <i>Neurocritical Care</i> , 2018, 28, 194-202.	1.2	23
56	Multimodality neuromonitoring in severe pediatric traumatic brain injury. <i>Pediatric Research</i> , 2018, 83, 41-49.	1.1	25
57	Compensatory-Reserve-Weighted Intracranial Pressure and Its Association with Outcome After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2018, 28, 212-220.	1.2	35
58	Further Controversies About Brain Tissue Oxygenation Pressure-Reactivity After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2018, 28, 162-168.	1.2	11
59	Critical Thresholds of Intracranial Pressure-Derived Continuous Cerebrovascular Reactivity Indices for Outcome Prediction in Noncraniectomized Patients with Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1107-1115.	1.7	77
60	A Description of a New Continuous Physiological Index in Traumatic Brain Injury Using the Correlation between Pulse Amplitude of Intracranial Pressure and Cerebral Perfusion Pressure. <i>Journal of Neurotrauma</i> , 2018, 35, 963-974.	1.7	42
61	Survey in expert clinicians on the validity of automated calculation of optimal cerebral perfusion pressure. <i>Minerva Anestesiologica</i> , 2018, 84, 40-48.	0.6	4
62	Clinical application of non-invasive intracranial pressure measurements. <i>British Journal of Anaesthesia</i> , 2018, 121, 500-501.	1.5	9
63	Radiological Correlates of Raised Intracranial Pressure in Children: A Review. <i>Frontiers in Pediatrics</i> , 2018, 6, 32.	0.9	9
64	Increasing cerebral blood flow reduces the severity of central sleep apnea at high altitude. <i>Journal of Applied Physiology</i> , 2018, 124, 1341-1348.	1.2	16
65	Validation of Pressure Reactivity and Pulse Amplitude Indices against the Lower Limit of Autoregulation, Part I: Experimental Intracranial Hypertension. <i>Journal of Neurotrauma</i> , 2018, 35, 2803-2811.	1.7	46
66	Baroreflex Impairment After Subarachnoid Hemorrhage Is Associated With Unfavorable Outcome. <i>Stroke</i> , 2018, 49, 1632-1638.	1.0	12
67	Are Slow Waves of Intracranial Pressure Suppressed by General Anaesthesia?. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 129-132.	0.5	6
68	Simultaneous Transients of Intracranial Pressure and Heart Rate in Traumatic Brain Injury: Methods of Analysis. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 147-151.	0.5	7
69	Do ICP-Derived Parameters Differ in Vegetative State from Other Outcome Groups After Traumatic Brain Injury?. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 17-20.	0.5	1
70	Effects of Prone Position and Positive End-Expiratory Pressure on Noninvasive Estimators of ICP: A Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 243-250.	0.6	55
71	Cerebral haemodynamics during experimental intracranial hypertension. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 694-705.	2.4	24
72	Passive heat stress reduces circulating endothelial and platelet microparticles. <i>Experimental Physiology</i> , 2017, 102, 663-669.	0.9	20

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73	Intracranial pressure in outer space: preparing for the mission to Mars. <i>Journal of Physiology</i> , 2017, 595, 4587-4588.	1.3	6
74	Monitoring of Optimal Cerebral Perfusion Pressure in Traumatic Brain Injured Patients Using a Multi-Window Weighting Algorithm. <i>Journal of Neurotrauma</i> , 2017, 34, 3081-3088.	1.7	45
75	Continuous Autoregulatory Indices Derived from Multi-Modal Monitoring: Each One Is Not Like the Other. <i>Journal of Neurotrauma</i> , 2017, 34, 3070-3080.	1.7	67
76	Impaired cerebral autoregulation: measurement and application to stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 520-531.	0.9	114
77	Relationship Between Brain Pulsatility and Cerebral Perfusion Pressure: Replicated Validation Using Different Drivers of CPP Change. <i>Neurocritical Care</i> , 2017, 27, 392-400.	1.2	15
78	Transcranial Doppler Monitoring of Intracranial Pressure Plateau Waves. <i>Neurocritical Care</i> , 2017, 26, 330-338.	1.2	31
79	Individualizing Thresholds of Cerebral Perfusion Pressure Using Estimated Limits of Autoregulation. <i>Critical Care Medicine</i> , 2017, 45, 1464-1471.	0.4	116
80	Autoregulation in paediatric TBI—current evidence and implications for treatment. <i>Child's Nervous System</i> , 2017, 33, 1735-1744.	0.6	18
81	Pressure Autoregulation Measurement Techniques in Adult Traumatic Brain Injury, Part II: A Scoping Review of Continuous Methods. <i>Journal of Neurotrauma</i> , 2017, 34, 3224-3237.	1.7	67
82	Pressure Autoregulation Measurement Techniques in Adult Traumatic Brain Injury, Part I: A Scoping Review of Intermittent/Semi-Intermittent Methods. <i>Journal of Neurotrauma</i> , 2017, 34, 3207-3223.	1.7	38
83	An Association Between ICP-Derived Data and Outcome in TBI Patients: The Role of Sample Size. <i>Neurocritical Care</i> , 2017, 27, 103-107.	1.2	26
84	Correlating optic nerve sheath diameter with opening intracranial pressure in pediatric traumatic brain injury. <i>Pediatric Research</i> , 2017, 81, 443-447.	1.1	31
85	186 Predicting the Requirement for Intracranial Pressure Monitoring in Pediatric Traumatic Brain Injury. <i>Neurosurgery</i> , 2017, 64, 249.	0.6	0
86	Glycemia Is Related to Impaired Cerebrovascular Autoregulation after Severe Pediatric Traumatic Brain Injury: A Retrospective Observational Study. <i>Frontiers in Pediatrics</i> , 2017, 5, 205.	0.9	4
87	Cerebral autoregulation monitoring in acute traumatic brain injury: what's the evidence?. <i>Minerva Anestesiologica</i> , 2017, 83, 844-857.	0.6	21
88	Cerebrovascular pressure reactivity monitoring using wavelet analysis in traumatic brain injury patients: A retrospective study. <i>PLoS Medicine</i> , 2017, 14, e1002348.	3.9	48
89	Temporal profile of intracranial pressure and cerebrovascular reactivity in severe traumatic brain injury and association with fatal outcome: An observational study. <i>PLoS Medicine</i> , 2017, 14, e1002353.	3.9	59
90	Ultrasound non-invasive measurement of intracranial pressure in neurointensive care: A prospective observational study. <i>PLoS Medicine</i> , 2017, 14, e1002356.	3.9	174

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91	A multiplex network approach for the analysis of intracranial pressure and heart rate data in traumatic brain injured patients. <i>Applied Network Science</i> , 2017, 2, 29.	0.8	13
92	Continuous Multimodality Monitoring in Children after Traumatic Brain Injuryâ€”Preliminary Experience. <i>PLoS ONE</i> , 2016, 11, e0148817.	1.1	49
93	Autonomic Impairment in Severe Traumatic Brain Injury: A Multimodal Neuromonitoring Study. <i>Critical Care Medicine</i> , 2016, 44, 1173-1181.	0.4	61
94	Enhanced Visualization of Optimal Cerebral Perfusion Pressure Over Time to Support Clinical Decision Making*. <i>Critical Care Medicine</i> , 2016, 44, e996-e999.	0.4	29
95	Effects of pneumoperitoneum and Trendelenburg position on intracranial pressure assessed using different non-invasive methods. <i>British Journal of Anaesthesia</i> , 2016, 117, 783-791.	1.5	81
96	Cardiac structure and function in adolescent Sherpa; effect of habitual altitude and developmental stage. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H740-H746.	1.5	15
97	Regulation of the cerebral circulation: bedside assessment and clinical implications. <i>Critical Care</i> , 2016, 20, 129.	2.5	146
98	Influence of general anaesthesia on slow waves of intracranial pressure. <i>Neurological Research</i> , 2016, 38, 587-592.	0.6	13
99	Non-invasive assessment of intracranial pressure. <i>Acta Neurologica Scandinavica</i> , 2016, 134, 4-21.	1.0	107
100	Non-invasive Monitoring of Intracranial Pressure Using Transcranial Doppler Ultrasonography: Is It Possible?. <i>Neurocritical Care</i> , 2016, 25, 473-491.	1.2	165
101	Assessment of non-invasive ICP during CSF infusion test: an approach with transcranial Doppler. <i>Acta Neurochirurgica</i> , 2016, 158, 279-287.	0.9	15
102	Intraoperative non invasive intracranial pressure monitoring during pneumoperitoneum: a case report and a review of the published cases and case report series. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 527-538.	0.7	13
103	Prospective Study on Noninvasive Assessment of Intracranial Pressure in Traumatic Brain-Injured Patients: Comparison of Four Methods. <i>Journal of Neurotrauma</i> , 2016, 33, 792-802.	1.7	74
104	Effect of increasing cerebral blood flow on sleep architecture at high altitude. , 2016, , .		0
105	Changes in cerebral vascular reactivity and structure following prolonged exposure to high altitude in humans. <i>Physiological Reports</i> , 2015, 3, e12647.	0.7	14
106	A Meta-Analysis of Exhaled Nitric Oxide in Acute Normobaric Hypoxia. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 693-697.	0.2	3
107	Neuromonitoring of patients with severe traumatic brain injury at the bedside. <i>Critical Care</i> , 2015, 19, .	2.5	2
108	Chemoreceptor Responsiveness at Sea Level Does Not Predict the Pulmonary Pressure Response to High Altitude. <i>Chest</i> , 2015, 148, 219-225.	0.4	9

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109	Clinical and Physiological Events That Contribute to the Success Rate of Finding "Optimal" Cerebral Perfusion Pressure in Severe Brain Trauma Patients. <i>Critical Care Medicine</i> , 2015, 43, 1952-1963.	0.4	38
110	Are B waves of intracranial pressure suppressed by general anesthesia?. <i>Fluids and Barriers of the CNS</i> , 2015, 12, O63.	2.4	1
111	Non-invasive assessment of ICP during infusion test using Transcranial Doppler Ultrasonography. <i>Fluids and Barriers of the CNS</i> , 2015, 12, .	2.4	0
112	Cerebral critical closing pressure in hydrocephalus patients undertaking infusion tests. <i>Neurological Research</i> , 2015, 37, 674-682.	0.6	13
113	Further understanding of cerebral autoregulation at the bedside: possible implications for future therapy. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 169-185.	1.4	70
114	Cerebral Vasospasm Affects Arterial Critical Closing Pressure. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 285-291.	2.4	13
115	Kidney-Brain Link in Traumatic Brain Injury Patients? A preliminary report. <i>Neurocritical Care</i> , 2015, 22, 192-201.	1.2	36
116	Hemoglobin Area and Time Index Above 90Åg/L are Associated with Improved 6-Month Functional Outcomes in Patients with Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2015, 23, 78-84.	1.2	34
117	Comparison of Frequency and Time Domain Methods of Assessment of Cerebral Autoregulation in Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 248-256.	2.4	69
118	The Effect of Red Blood Cell Transfusion on Cerebral Autoregulation in Patients with Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2015, 23, 210-216.	1.2	37
119	Hypoxia, not pulmonary vascular pressure, induces blood flow through intrapulmonary arteriovenous anastomoses. <i>Journal of Physiology</i> , 2015, 593, 723-737.	1.3	25
120	Doppler Non-invasive Monitoring of ICP in an Animal Model of Acute Intracranial Hypertension. <i>Neurocritical Care</i> , 2015, 23, 419-426.	1.2	32
121	Increased Blood Glucose is Related to Disturbed Cerebrovascular Pressure Reactivity After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2015, 22, 20-25.	1.2	23
122	Pharmacologically increasing cerebral blood flow reduced central sleep apnea severity at high altitude. , 2015, , .		0
123	Conduit artery structure and function in lowlanders and native highlanders: relationships with oxidative stress and role of sympathoexcitation. <i>Journal of Physiology</i> , 2014, 592, 1009-1024.	1.3	71
124	Influence of high altitude on cerebral blood flow and fuel utilization during exercise and recovery. <i>Journal of Physiology</i> , 2014, 592, 5507-5527.	1.3	59
125	The thermodynamic brain. <i>Critical Care</i> , 2014, 18, 693.	2.5	6
126	Influence of Cerebral Blood Flow on Central Sleep Apnea at High Altitude. <i>Sleep</i> , 2014, 37, 1679-1687.	0.6	13



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127	Effect of hypoxia on the dynamic response of hyperaemia in the contracting human calf muscle. <i>Experimental Physiology</i> , 2013, 98, 81-93.	0.9	10
128	Worsening of central sleep apnea at high altitude—a role for cerebrovascular function. <i>Journal of Applied Physiology</i> , 2013, 114, 1021-1028.	1.2	29
129	Alterations in cerebral blood flow and cerebrovascular reactivity during 14 days at 5050 m. <i>Journal of Physiology</i> , 2011, 589, 741-753.	1.3	92
130	Profound hyperventilation and development of periodic breathing during exceptional orthostatic stress in a 21-year-old man. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 66-70.	0.7	4
131	Exhaled nitric oxide and pulmonary artery pressures during graded ascent to high altitude. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 213-217.	0.7	21
132	Venous occlusion plethysmography versus Doppler ultrasound in the assessment of leg blood flow during calf exercise. <i>European Journal of Applied Physiology</i> , 2011, 111, 1889-1900.	1.2	32
133	Influence of high altitude on cerebrovascular and ventilatory responsiveness to CO <sub>2</sub> . <i>Journal of Physiology</i> , 2010, 588, 539-549.	1.3	69
134	Getting hot under the collar: temperature and cerebral autoregulation. <i>Journal of Emergency and Critical Care Medicine</i> , 0, 2, 89-89.	0.7	0