Peter J A Hutchinson

List of Publications by Year
in descending order

371 papers	19,936 citations	12303 69 h-index	15218 126 g-index
392 all docs	392 docs citations	392 times ranked	12627 citing authors

#	Article	IF	Citations
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	4.9	1,571
2	Trial of Decompressive Craniectomy for Traumatic Intracranial Hypertension. New England Journal of Medicine, 2016, 375, 1119-1130.	13.9	901
3	Use of drains versus no drains after burr-hole evacuation of chronic subdural haematoma: a randomised controlled trial. Lancet, The, 2009, 374, 1067-1073.	6.3	564
4	Continuous determination of optimal cerebral perfusion pressure in traumatic brain injury*. Critical Care Medicine, 2012, 40, 2456-2463.	0.4	447
5	Specialist neurocritical care and outcome from head injury. Intensive Care Medicine, 2002, 28, 547-553.	3.9	394
6	Pathophysiology of chronic subdural haematoma: inflammation, angiogenesis and implications for pharmacotherapy. Journal of Neuroinflammation, 2017, 14, 108.	3.1	341
7	Consensus Summary Statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Neurocritical Care, 2014, 21, 1-26.	1.2	339
8	Cerebral extracellular chemistry and outcome following traumatic brain injury: a microdialysis study of 223 patients. Brain, 2011, 134, 484-494.	3.7	326
9	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. Lancet Neurology, The, 2019, 18, 923-934.	4.9	304
10	Chronic subdural haematoma: modern management and emerging therapies. Nature Reviews Neurology, 2014, 10, 570-578.	4.9	302
11	Impact of Intracranial Pressure and Cerebral Perfusion Pressure on Severe Disability and Mortality After Head Injury. Neurocritical Care, 2006, 4, 008-013.	1.2	298
12	The Cytokine Response to Human Traumatic Brain Injury: Temporal Profiles and Evidence for Cerebral Parenchymal Production. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 658-670.	2.4	292
13	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2019, 45, 1783-1794.	3.9	292
14	Incidence and Mechanisms of Cerebral Ischemia in Early Clinical Head Injury. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 202-211.	2.4	271
15	Consensus statement from the 2014 International Microdialysis Forum. Intensive Care Medicine, 2015, 41, 1517-1528.	3.9	263
16	Consensus Meeting on Microdialysis in Neurointensive Care. Intensive Care Medicine, 2004, 30, 2166-2169.	3.9	259
17	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Intensive Care Medicine, 2014, 40, 1189-1209.	3.9	258
18	Simvastatin in aneurysmal subarachnoid haemorrhage (STASH): a multicentre randomised phase 3 trial. Lancet Neurology, The, 2014, 13, 666-675.	4.9	220

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19	Clinical cerebral microdialysis: a methodological study. Journal of Neurosurgery, 2000, 93, 37-43.	0.9	213
20	Effect of decompressive craniectomy on intracranial pressure and cerebrospinal compensation following traumatic brain injury. Journal of Neurosurgery, 2008, 108, 66-73.	0.9	207
21	Effect of hyperoxia on regional oxygenation and metabolism after severe traumatic brain injury: Preliminary findings*. Critical Care Medicine, 2008, 36, 273-281.	0.4	207
22	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2020, 46, 919-929.	3.9	207
23	Effect of cerebral perfusion pressure augmentation on regional oxygenation and metabolism after head injury*. Critical Care Medicine, 2005, 33, 189-195.	0.4	203
24	Decompressive craniectomy: past, present and future. Nature Reviews Neurology, 2013, 9, 405-415.	4.9	197
25	Inflammation in Human Brain Injury: Intracerebral Concentrations of IL-1Î±, IL-1Î², and Their Endogenous Inhibitor IL-1ra. Journal of Neurotrauma, 2007, 24, 1545-1557.	1.7	193
26	The human brain utilizes lactate via the tricarboxylic acid cycle: a 13C-labelled microdialysis and high-resolution nuclear magnetic resonance study. Brain, 2009, 132, 2839-2849.	3.7	180
27	Cytokines and innate inflammation in the pathogenesis of human traumatic brain injury. Progress in Neurobiology, 2011, 95, 352-372.	2.8	175
28	Ultrasound non-invasive measurement of intracranial pressure in neurointensive care: A prospective observational study. PLoS Medicine, 2017, 14, e1002356.	3.9	174
29	Continuous monitoring of cerebrovascular pressure reactivity in patients with head injury. Neurosurgical Focus, 2008, 25, E2.	1.0	173
30	Correlation between Cerebral Blood Flow, Substrate Delivery, and Metabolism in Head Injury: A Combined Microdialysis and Triple Oxygen Positron Emission Tomography Study. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 735-745.	2.4	171
31	Age, intracranial pressure, autoregulation, and outcome after brain trauma. Journal of Neurosurgery, 2005, 102, 450-454.	0.9	163
32	The effect of intravenous interleukin-1 receptor antagonist on inflammatory mediators in cerebrospinal fluid after subarachnoid haemorrhage: a phase II randomised controlled trial. Journal of Neuroinflammation, 2014, 11, 1.	3.1	163
33	In vivo assessment of high-grade glioma biochemistry using microdialysis: a study of energy-related molecules, growth factors and cytokines. Journal of Neuro-Oncology, 2010, 97, 11-23.	1.4	154
34	Predictive value of initial computerized tomography scan, intracranial pressure, and state of autoregulation in patients with traumatic brain injury. Journal of Neurosurgery, 2006, 104, 731-737.	0.9	152
35	Consensus statement from the International Consensus Meeting on the Role of Decompressive Craniectomy in the Management of Traumatic Brain Injury. Acta Neurochirurgica, 2019, 161, 1261-1274.	0.9	143
36	Recombinant Human Interleukin-1 Receptor Antagonist in Severe Traumatic Brain Injury: A Phase II Randomized Control Trial. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 845-851.	2.4	139

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37	Trial of Dexamethasone for Chronic Subdural Hematoma. New England Journal of Medicine, 2020, 383, 2616-2627.	13.9	139
38	The management and outcome for patients with chronic subdural hematoma: a prospective, multicenter, observational cohort study in the United Kingdom. Journal of Neurosurgery, 2017, 127, 732-739.	0.9	131
39	Adverse Cerebral Events Detected after Subarachnoid Hemorrhage Using Brain Oxygen and Microdialysis Probes. Neurosurgery, 2002, 50, 1213-1222.	0.6	126
40	Effect of cerebral perfusion pressure augmentation with dopamine and norepinephrine on global and focal brain oxygenation after traumatic brain injury. Intensive Care Medicine, 2004, 30, 791-797.	3.9	123
41	Glycolysis and the significance of lactate in traumatic brain injury. Frontiers in Neuroscience, 2015, 9, 112.	1.4	123
42	Patient-specific thresholds of intracranial pressure in severe traumatic brain injury. Journal of Neurosurgery, 2014, 120, 893-900.	0.9	121
43	Microdialysis of Cytokines: Methodological Considerations, Scanning Electron Microscopy, and Determination of Relative Recovery. Journal of Neurotrauma, 2009, 26, 549-561.	1.7	110
44	Outcome following evacuation of acute subdural haematomas: a comparison of craniotomy with decompressive craniectomy. Acta Neurochirurgica, 2012, 154, 1555-1561.	0.9	105
45	Antibiotic or silver versus standard ventriculoperitoneal shunts (BASICS): a multicentre, single-blinded, randomised trial and economic evaluation. Lancet, The, 2019, 394, 1530-1539.	6.3	104
46	The Surgical Approach to the Management of Increased Intracranial Pressure After Traumatic Brain Injury. Anesthesia and Analgesia, 2010, 111, 736-748.	1.1	103
47	Intracranial Pressure: More Than a Number. Neurosurgical Focus, 2007, 22, 1-7.	1.0	99
48	Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 as Outcome Predictors in Traumatic Brain Injury. World Neurosurgery, 2016, 87, 8-20.	0.7	98
49	Clinical applications of intracranial pressure monitoring in traumatic brain injury. Acta Neurochirurgica, 2014, 156, 1615-1622.	0.9	96
50	A Consensus-Based Interpretation of the Benchmark Evidence from South American Trials: Treatment of Intracranial Pressure Trial. Journal of Neurotrauma, 2015, 32, 1722-1724.	1.7	94
51	Feasibility of individualised severe traumatic brain injury management using an automated assessment of optimal cerebral perfusion pressure: the COGiTATE phase II study protocol. BMJ Open, 2019, 9, e030727.	0.8	94
52	Twenty-Five Years of Intracranial Pressure Monitoring After Severe Traumatic Brain Injury: A Retrospective, Single-Center Analysis. Neurosurgery, 2019, 85, E75-E82.	0.6	92
53	Decompressive craniectomy following traumatic brain injury: developing the evidence base. British Journal of Neurosurgery, 2016, 30, 246-250.	0.4	91
54	Targeting Autoregulation-Guided Cerebral Perfusion Pressure after Traumatic Brain Injury (COGiTATE): A Feasibility Randomized Controlled Clinical Trial. Journal of Neurotrauma, 2021, 38, 2790-2800.	1.7	88

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55	Cerebral microdialysis methodologyâ€"evaluation of 20 kDa and 100 kDa catheters. Physiological Measurement, 2005, 26, 423-428.	1.2	87
56	Surgery for brain edema. Neurosurgical Focus, 2007, 22, 1-9.	1.0	86
57	Magnetic resonance imaging changes in the pituitary gland following acute traumatic brain injury. Intensive Care Medicine, 2008, 34, 468-475.	3.9	86
58	Prospective, multicentre study of external ventricular drainage-related infections in the UK and Ireland. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 120-126.	0.9	86
59	Principal Component Analysis of the Cytokine and Chemokine Response to Human Traumatic Brain Injury. PLoS ONE, 2012, 7, e39677.	1.1	86
60	Monitoring the Neuroinflammatory Response Following Acute Brain Injury. Frontiers in Neurology, 2017, 8, 351.	1.1	85
61	Glycolysis and the Pentose Phosphate Pathway after Human Traumatic Brain Injury: Microdialysis Studies Using 1,2-¹³C₂ Glucose. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 111-120.	2.4	82
62	Mapping Traumatic Axonal Injury Using Diffusion Tensor Imaging: Correlations with Functional Outcome. PLoS ONE, 2011, 6, e19214.	1.1	82
63	Hyperglycemia and Brain Tissue pH after Traumatic Brain Injury. Neurosurgery, 2004, 55, 877-882.	0.6	81
64	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: Evidentiary Tables. Neurocritical Care, 2014, 21, 297-361.	1.2	80
65	Critical Thresholds of Intracranial Pressure-Derived Continuous Cerebrovascular Reactivity Indices for Outcome Prediction in Noncraniectomized Patients with Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1107-1115.	1.7	77
66	Glucose metabolism following human traumatic brain injury: methods of assessment and pathophysiological findings. Metabolic Brain Disease, 2015, 30, 615-632.	1.4	76
67	Human Serum Metabolites Associate With Severity and Patient Outcomes in Traumatic Brain Injury. EBioMedicine, 2016, 12, 118-126.	2.7	76
68	The Levels of Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 During the First Week After a Traumatic Brain Injury. Neurosurgery, 2016, 79, 456-464.	0.6	76
69	Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 Are Not Specific Biomarkers for Mild CT-Negative Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 1427-1438.	1.7	76
70	Working toward rational and evidence-based treatment of chronic subdural hematoma. Clinical Neurosurgery, 2010, 57, 112-22.	0.2	75
71	Interaction between Brain Chemistry and Physiology after Traumatic Brain Injury: Impact of Autoregulation and Microdialysis Catheter Location. Journal of Neurotrauma, 2011, 28, 849-860.	1.7	74
72	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: A List of Recommendations and Additional Conclusions. Neurocritical Care, 2014, 21, 282-296.	1.2	71

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73	Reported Outcome Measures in Degenerative Cervical Myelopathy: A Systematic Review. PLoS ONE, 2016, 11, e0157263.	1.1	70
74	Recombinant human interleukin-1 receptor antagonist promotes M1 microglia biased cytokines and chemokines following human traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1434-1448.	2.4	70
75	Comparison of Frequency and Time Domain Methods of Assessment of Cerebral Autoregulation in Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 248-256.	2.4	69
76	Cerebral oxygen and microdialysis monitoring during aneurysm surgery: effects of blood pressure, cerebrospinal fluid drainage, and temporary clipping on infarction. Journal of Neurosurgery, 2002, 96, 1013-1019.	0.9	67
77	Cerebral microdialysis in clinical studies of drugs: pharmacokinetic applications. Journal of Pharmacokinetics and Pharmacodynamics, 2013, 40, 343-358.	0.8	66
78	Traumatic brain injury in adults. Practical Neurology, 2013, 13, 228-235.	0.5	65
79	Autonomic Impairment in Severe Traumatic Brain Injury: A Multimodal Neuromonitoring Study. Critical Care Medicine, 2016, 44, 1173-1181.	0.4	61
80	A combined microdialysis and FDG-PET study of glucose metabolism in head injury. Acta Neurochirurgica, 2009, 151, 51-61.	0.9	60
81	The screening and management of pituitary dysfunction following traumatic brain injury in adults: British Neurotrauma Group guidance. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 971-981.	0.9	60
82	Plateau Waves in Head Injured Patients Requiring Neurocritical Care. Neurocritical Care, 2009, 11, 143-150.	1.2	59
83	Craniectomy in Diffuse Traumatic Brain Injury. New England Journal of Medicine, 2011, 365, 373-376.	13.9	59
84	Lactate Uptake by the Injured Human Brain: Evidence from an Arteriovenous Gradient and Cerebral Microdialysis Study. Journal of Neurotrauma, 2013, 30, 2031-2037.	1.7	59
85	Dynamic Changes in White Matter Abnormalities Correlate With Late Improvement and Deterioration Following TBI. Neurorehabilitation and Neural Repair, 2016, 30, 49-62.	1.4	59
86	Temporal profile of intracranial pressure and cerebrovascular reactivity in severe traumatic brain injury and association with fatal outcome: An observational study. PLoS Medicine, 2017, 14, e1002353.	3.9	59
87	Biological effects of acute pravastatin treatment in patients after aneurysmal subarachnoid hemorrhage: a double-blind, placebo-controlled trial. Journal of Neurosurgery, 2007, 107, 1092-1100.	0.9	57
88	The reporting of study and population characteristics in degenerative cervical myelopathy: A systematic review. PLoS ONE, 2017, 12, e0172564.	1.1	57
89	Management of moderate to severe traumatic brain injury: an update for the intensivist. Intensive Care Medicine, 2022, 48, 649-666.	3.9	57
90	Matrix Metalloproteinase Expression in Contusional Traumatic Brain Injury: A Paired Microdialysis Study. Journal of Neurotrauma, 2015, 32, 1553-1559.	1.7	56

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91	Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 2178-2189.	1.7	56
92	Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 1551-1560.	1.7	56
93	13C-labelled microdialysis studies of cerebral metabolism in TBI patients. European Journal of Pharmaceutical Sciences, 2014, 57, 87-97.	1.9	54
94	Focally perfused succinate potentiates brain metabolism in head injury patients. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2626-2638.	2.4	54
95	Intracranial pressure: current perspectives on physiology and monitoring. Intensive Care Medicine, 2022, 48, 1471-1481.	3.9	54
96	Decompressive craniectomy in head injury. Current Opinion in Critical Care, 2004, 10, 101-104.	1.6	53
97	A systematic review of cerebral microdialysis and outcomes in TBI: relationships to patient functional outcome, neurophysiologic measures, and tissue outcome. Acta Neurochirurgica, 2017, 159, 2245-2273.	0.9	53
98	Continuous cerebrovascular reactivity monitoring in moderate/severe traumatic brain injury: a narrative review of advances in neurocritical care. British Journal of Anaesthesia, 2020, 124, 440-453.	1.5	53
99	The Current Status of Decompressive Craniectomy in Traumatic Brain Injury. Current Trauma Reports, 2018, 4, 326-332.	0.6	52
100	WSES consensus conference guidelines: monitoring and management of severe adult traumatic brain injury patients with polytrauma in the first 24â€‰hours. World Journal of Emergency Surgery, 2019, 14, 53.	2.1	52
101	Microstructural Basis of Contusion Expansion in Traumatic Brain Injury: Insights from Diffusion Tensor Imaging. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 855-862.	2.4	51
102	Cerebrospinal Fluid and Microdialysis Cytokines in Severe Traumatic Brain Injury: A Scoping Systematic Review. Frontiers in Neurology, 2017, 8, 331.	1.1	51
103	Intracranial pressure monitoring in severe traumatic brain injury. BMJ, The, 2013, 346, f1000-f1000.	3.0	50
104	A noninvasive estimation of cerebral perfusion pressure using critical closing pressure. Journal of Neurosurgery, 2015, 123, 638-648.	0.9	50
105	Twist-drill craniostomy with hollow screws for evacuation of chronic subdural hematoma. Journal of Neurosurgery, 2014, 121, 176-183.	0.9	49
106	Continuous Multimodality Monitoring in Children after Traumatic Brain Injuryâ€”Preliminary Experience. PLoS ONE, 2016, 11, e0148817.	1.1	49
107	Assessing Metabolism and Injury in Acute Human Traumatic Brain Injury with Magnetic Resonance Spectroscopy: Current and Future Applications. Frontiers in Neurology, 2017, 8, 426.	1.1	49
108	Spatial and Temporal Pattern of Ischemia and Abnormal Vascular Function Following Traumatic Brain Injury. JAMA Neurology, 2020, 77, 339.	4.5	49

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109	Primary decompressive craniectomy for acute subdural haematomas: results of an international survey. Acta Neurochirurgica, 2012, 154, 1563-1565.	0.9	48
110	Cerebrovascular pressure reactivity monitoring using wavelet analysis in traumatic brain injury patients: A retrospective study. PLoS Medicine, 2017, 14, e1002348.	3.9	48
111	Traumatic brain injury: global collaboration for a global challenge. Lancet Neurology, The, 2019, 18, 136-137.	4.9	48
112	Surgical trainee research collaboratives in the UK: an observational study of research activity and publication productivity. BMJ Open, 2016, 6, e010374.	0.8	47
113	A comparison of publication to TBI burden ratio of low- and middle-income countries versus high-income countries: how can we improve worldwide care of TBI?. Neurosurgical Focus, 2019, 47, E5.	1.0	47
114	Casemix, management, and mortality of patients receiving emergency neurosurgery for traumatic brain injury in the Global Neurotrauma Outcomes Study: a prospective observational cohort study. Lancet Neurology, The, 2022, 21, 438-449.	4.9	46
115	Systemic, Local, and Imaging Biomarkers of Brain Injury: More Needed, and Better Use of Those Already Established?. Frontiers in Neurology, 2015, 6, 26.	1.1	45
116	Decompressive craniectomies, facts and fiction: a retrospective analysis of 526 cases. Acta Neurochirurgica, 2012, 154, 919-926.	0.9	43
117	International Multidisciplinary Consensus Conference on Multimodality Monitoring: Cerebral Metabolism. Neurocritical Care, 2014, 21, 148-158.	1.2	43
118	Improved long-term survival with subdural drains following evacuation of chronic subdural haematoma. Acta Neurochirurgica, 2017, 159, 903-905.	0.9	43
119	The effect of succinate on brain NADH/NAD+ redox state and high energy phosphate metabolism in acute traumatic brain injury. Scientific Reports, 2018, 8, 11140.	1.6	43
120	The Pharmacology of Chlormethiazole: A Potential Neuroprotective Agent?. CNS Neuroscience & Therapeutics, 2004, 10, 281-294.	4.0	42
121	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. Journal of Neurotrauma, 2018, 35, 963-974.	1.7	42
122	Neurosurgical Randomized Trials in Low- and Middle-Income Countries. Neurosurgery, 2020, 87, 476-483.	0.6	41
123	Elevated Baseline C-Reactive Protein as a Predictor of Outcome After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2015, 77, 786-793.	0.6	40
124	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 20, 627-638.	4.9	40
125	Core Outcomes and Common Data Elements in Chronic Subdural Hematoma: A Systematic Review of the Literature Focusing on Reported Outcomes. Journal of Neurotrauma, 2016, 33, 1212-1219.	1.7	39
126	The History of Decompressive Craniectomy in Traumatic Brain Injury. Frontiers in Neurology, 2019, 10, 458.	1.1	39

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127	Clinical and Physiological Events That Contribute to the Success Rate of Finding â€œOptimalâ€•Cerebral Perfusion Pressure in Severe Brain Trauma Patients. Critical Care Medicine, 2015, 43, 1952-1963.	0.4	38
128	Succinate supplementation improves metabolic performance of mixed glial cell cultures with mitochondrial dysfunction. Scientific Reports, 2017, 7, 1003.	1.6	37
129	Elucidating Pro-Inflammatory Cytokine Responses after Traumatic Brain Injury in a Human Stem Cell Model. Journal of Neurotrauma, 2018, 35, 341-352.	1.7	37
130	Dexamethasone for adult patients with a symptomatic chronic subdural haematoma (Dex-CSDH) trial: study protocol for a randomised controlled trial. Trials, 2018, 19, 670.	0.7	37
131	Proposal for establishment of the UK Cranial Reconstruction Registry (UKCRR). British Journal of Neurosurgery, 2014, 28, 310-314.	0.4	35
132	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. Lancet Neurology, The, 2022, 21, 153-162.	4.9	34
133	Genetic drivers of cerebral blood flow dysfunction in TBI: a speculative synthesis. Nature Reviews Neurology, 2019, 15, 25-39.	4.9	33
134	Microdialysis Monitoring in Clinical Traumatic Brain Injury and Its Role in Neuroprotective Drug Development. AAPS Journal, 2017, 19, 367-376.	2.2	32
135	The Evolution of the Role of External Ventricular Drainage in Traumatic Brain Injury. Journal of Clinical Medicine, 2019, 8, 1422.	1.0	32
136	Correlating optic nerve sheath diameter with opening intracranial pressure in pediatric traumatic brain injury. Pediatric Research, 2017, 81, 443-447.	1.1	31
137	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. Intensive Care Medicine, 2021, 47, 1115-1129.	3.9	31
138	Evaluation of Outcomes Among Patients With Traumatic Intracranial Hypertension Treated With Decompressive Craniectomy vs Standard Medical Care at 24 Months. JAMA Neurology, 2022, 79, 664.	4.5	31
139	Extracellular Brain Ph with or without Hypoxia is a Marker of Profound Metabolic Derangement and Increased Mortality after Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 422-427.	2.4	30
140	Spectrum of outcomes following traumatic brain injuryâ€”relationship between functional impairment and health-related quality of life. Acta Neurochirurgica, 2018, 160, 107-115.	0.9	30
141	Footprint of Reports From Low- and Low- to Middle-Income Countries in the Neurosurgical Data: A Study From 2015 to 2017. World Neurosurgery, 2019, 130, e822-e830.	0.7	30
142	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. Journal of Neurotrauma, 2019, 36, 1080-1092.	1.7	30
143	Optic nerve sheath diameter ultrasonography at admission as a predictor of intracranial hypertension in traumatic brain injured patients: a prospective observational study. Journal of Neurosurgery, 2020, 132, 1279-1285.	0.9	30
144	Incidence, Risk Factors, and Effects on Outcome of Ventilator-Associated Pneumonia in Patients With Traumatic Brain Injury. Chest, 2020, 158, 2292-2303.	0.4	30

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145	Inappropriate acute neurosurgical bed occupancy and short falls in rehabilitation: implications for the National Service Framework. British Journal of Neurosurgery, 2006, 20, 36-39.	0.4	29
146	Cord compression defined by MRI is the driving factor behind the decision to operate in Degenerative Cervical Myelopathy despite poor correlation with disease severity. PLoS ONE, 2019, 14, e0226020.	1.1	29
147	Mild traumatic brain injury recovery: a growth curve modelling analysis over 2Âyears. Journal of Neurology, 2020, 267, 3223-3234.	1.8	29
148	Brain Tissue Oxygen and Cerebrovascular Reactivity in Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Exploratory Analysis of Insult Burden. Journal of Neurotrauma, 2020, 37, 1854-1863.	1.7	29
149	Serum metabolome associated with severity of acute traumatic brain injury. Nature Communications, 2022, 13, 2545.	5.8	29
150	Core Outcomes and Common Data Elements in Chronic Subdural Hematoma: A Systematic Review of the Literature Focusing on Baseline and Peri-Operative Care Data Elements. Journal of Neurotrauma, 2016, 33, 1569-1575.	1.7	28
151	A case series of early and late cranioplastyâ€”comparison of surgical outcomes. Acta Neurochirurgica, 2019, 161, 467-472.	0.9	28
152	Outcomes following surgery in subgroups of comatose and very elderly patients with chronic subdural hematoma. Neurosurgical Review, 2019, 42, 427-431.	1.2	28
153	Concordant biology underlies discordant imaging findings: diffusivity behaves differently in grey and white matter post acute neurotrauma. Acta Neurochirurgica Supplementum, 2008, 102, 247-251.	0.5	28
154	Brain Microdialysis Study of Meropenem in Two Patients with Acute Brain Injury. Antimicrobial Agents and Chemotherapy, 2010, 54, 3502-3504.	1.4	27
155	Cerebrospinal Fluid and Microdialysis Cytokines in Aneurysmal Subarachnoid Hemorrhage: A Scoping Systematic Review. Frontiers in Neurology, 2017, 8, 379.	1.1	27
156	The British Neurosurgical Trainee Research Collaborative: FiveÂyears on. Acta Neurochirurgica, 2018, 160, 23-28.	0.9	27
157	Proposal for a prospective multi-centre audit of chronic subdural haematoma management in the United Kingdom and Ireland. British Journal of Neurosurgery, 2014, 28, 199-203.	0.4	26
158	Hinge/floating craniotomy as an alternative technique for cerebral decompression: a scoping review. Neurosurgical Review, 2020, 43, 1493-1507.	1.2	26
159	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. Lancet Neurology, The, 2022, 21, 620-631.	4.9	26
160	ExtracellularN-Acetylaspartate in Human Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 319-329.	1.7	25
161	A Comparison of Oxidative Lactate Metabolism in Traumatically Injured Brain and Control Brain. Journal of Neurotrauma, 2018, 35, 2025-2035.	1.7	25
162	Multimodality neuromonitoring in severe pediatric traumatic brain injury. Pediatric Research, 2018, 83, 41-49.	1.1	25

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163	Metabolism and inflammation: implications for traumatic brain injury therapeutics. Expert Review of Neurotherapeutics, 2019, 19, 227-242.	1.4	25
164	Surgical microdiscectomy versus transforaminal epidural steroid injection in patients with sciatica secondary to herniated lumbar disc (NERVES): a phase 3, multicentre, open-label, randomised controlled trial and economic evaluation. Lancet Rheumatology, The, 2021, 3, e347-e356.	2.2	25
165	Decompressive craniectomy for traumatic brain injury: The jury is still out. British Journal of Neurosurgery, 2011, 25, 441-442.	0.4	24
166	Complex Autoantibody Responses Occur following Moderate to Severe Traumatic Brain Injury. Journal of Immunology, 2021, 207, 90-100.	0.4	24
167	Management of patients with head injury. Lancet, The, 2008, 372, 685-687.	6.3	23
168	Increased Blood Glucose is Related to Disturbed Cerebrovascular Pressure Reactivity After Traumatic Brain Injury. Neurocritical Care, 2015, 22, 20-25.	1.2	23
169	Statistical Cerebrovascular Reactivity Signal Properties after Secondary Decompressive Craniectomy in Traumatic Brain Injury: A CENTER-TBI Pilot Analysis. Journal of Neurotrauma, 2020, 37, 1306-1314.	1.7	23
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