

# Peter J A Hutchinson

## List of Publications by Citations

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356  
papers

13,368  
citations

60  
h-index

107  
g-index

392  
ext. papers

16,716  
ext. citations

5.9  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
356	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology, The</i> , <b>2017</b> , 16, 987-1048	24.1	851
355	Trial of Decompressive Craniectomy for Traumatic Intracranial Hypertension. <i>New England Journal of Medicine</i> , <b>2016</b> , 375, 1119-30	59.2	631
354	Use of drains versus no drains after burr-hole evacuation of chronic subdural haematoma: a randomised controlled trial. <i>Lancet, The</i> , <b>2009</b> , 374, 1067-73	40	424
353	Continuous determination of optimal cerebral perfusion pressure in traumatic brain injury. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 2456-63	1.4	348
352	Specialist neurocritical care and outcome from head injury. <i>Intensive Care Medicine</i> , <b>2002</b> , 28, 547-53	14.5	320
351	Cerebral extracellular chemistry and outcome following traumatic brain injury: a microdialysis study of 223 patients. <i>Brain</i> , <b>2011</b> , 134, 484-94	11.2	278
350	The cytokine response to human traumatic brain injury: temporal profiles and evidence for cerebral parenchymal production. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2011</b> , 31, 658-70	7.3	251
349	Incidence and mechanisms of cerebral ischemia in early clinical head injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2004</b> , 24, 202-11	7.3	241
348	Impact of intracranial pressure and cerebral perfusion pressure on severe disability and mortality after head injury. <i>Neurocritical Care</i> , <b>2006</b> , 4, 8-13	3.3	237
347	Consensus meeting on microdialysis in neurointensive care. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 2166-9	14.5	231
346	Consensus statement from the 2014 International Microdialysis Forum. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 1517-28	14.5	197
345	Clinical cerebral microdialysis: a methodological study. <i>Journal of Neurosurgery</i> , <b>2000</b> , 93, 37-43	3.2	192
344	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care : a statement for healthcare professionals from the Neurocritical Care Society and the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , <b>2014</b> , 40, 1189-209	14.5	190
343	Chronic subdural haematoma: modern management and emerging therapies. <i>Nature Reviews Neurology</i> , <b>2014</b> , 10, 570-8	15	189
342	Simvastatin in aneurysmal subarachnoid haemorrhage (STASH): a multicentre randomised phase 3 trial. <i>Lancet Neurology, The</i> , <b>2014</b> , 13, 666-75	24.1	176
341	Effect of hyperoxia on regional oxygenation and metabolism after severe traumatic brain injury: preliminary findings. <i>Critical Care Medicine</i> , <b>2008</b> , 36, 273-81	1.4	176
340	Inflammation in human brain injury: intracerebral concentrations of IL-1alpha, IL-1beta, and their endogenous inhibitor IL-1ra. <i>Journal of Neurotrauma</i> , <b>2007</b> , 24, 1545-57	5.4	166

339	Pathophysiology of chronic subdural haematoma: inflammation, angiogenesis and implications for pharmacotherapy. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 108	10.1	165
338	Effect of cerebral perfusion pressure augmentation on regional oxygenation and metabolism after head injury. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 189-95; discussion 255-7	1.4	161
337	Cytokines and innate inflammation in the pathogenesis of human traumatic brain injury. <i>Progress in Neurobiology</i> , <b>2011</b> , 95, 352-72	10.9	152
336	Effect of decompressive craniectomy on intracranial pressure and cerebrospinal compensation following traumatic brain injury. <i>Journal of Neurosurgery</i> , <b>2008</b> , 108, 66-73	3.2	152
335	The human brain utilizes lactate via the tricarboxylic acid cycle: a <sup>13</sup> C-labelled microdialysis and high-resolution nuclear magnetic resonance study. <i>Brain</i> , <b>2009</b> , 132, 2839-49	11.2	146
334	Correlation between cerebral blood flow, substrate delivery, and metabolism in head injury: a combined microdialysis and triple oxygen positron emission tomography study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2002</b> , 22, 735-45	7.3	146
333	Age, intracranial pressure, autoregulation, and outcome after brain trauma. <i>Journal of Neurosurgery</i> , <b>2005</b> , 102, 450-4	3.2	140
332	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. <i>Lancet Neurology</i> , <b>2019</b> , 18, 923-934 <sup>24.1</sup>		139
331	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: a statement for healthcare professionals from the Neurocritical Care Society and the European Society of Intensive Care Medicine. <i>Neurocritical Care</i> , <b>2014</b> , 21 Suppl 2, S1-26	3.3	139
330	Continuous monitoring of cerebrovascular pressure reactivity in patients with head injury. <i>Neurosurgical Focus</i> , <b>2008</b> , 25, E2	4.2	138
329	Decompressive craniectomy: past, present and future. <i>Nature Reviews Neurology</i> , <b>2013</b> , 9, 405-15	15	133
328	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 1783-1794	14.5	124
327	In vivo assessment of high-grade glioma biochemistry using microdialysis: a study of energy-related molecules, growth factors and cytokines. <i>Journal of Neuro-Oncology</i> , <b>2010</b> , 97, 11-23	4.8	116
326	Recombinant human interleukin-1 receptor antagonist in severe traumatic brain injury: a phase II randomized control trial. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2014</b> , 34, 845-51	7.3	114
325	Predictive value of initial computerized tomography scan, intracranial pressure, and state of autoregulation in patients with traumatic brain injury. <i>Journal of Neurosurgery</i> , <b>2006</b> , 104, 731-7	3.2	114
324	Ultrasound non-invasive measurement of intracranial pressure in neurointensive care: A prospective observational study. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002356	11.6	109
323	Effect of cerebral perfusion pressure augmentation with dopamine and norepinephrine on global and focal brain oxygenation after traumatic brain injury. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 791-7	14.5	105
322	Adverse cerebral events detected after subarachnoid hemorrhage using brain oxygen and microdialysis probes. <i>Neurosurgery</i> , <b>2002</b> , 50, 1213-21; discussion 1221-2	3.2	105

321	Microdialysis of cytokines: methodological considerations, scanning electron microscopy, and determination of relative recovery. <i>Journal of Neurotrauma</i> , <b>2009</b> , 26, 549-61	5.4	97
320	Glycolysis and the significance of lactate in traumatic brain injury. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 112	5.1	92
319	Patient-specific thresholds of intracranial pressure in severe traumatic brain injury. <i>Journal of Neurosurgery</i> , <b>2014</b> , 120, 893-900	3.2	87
318	The management and outcome for patients with chronic subdural hematoma: a prospective, multicenter, observational cohort study in the United Kingdom. <i>Journal of Neurosurgery</i> , <b>2017</b> , 127, 732-739	3.3	87
317	The effect of intravenous interleukin-1 receptor antagonist on inflammatory mediators in cerebrospinal fluid after subarachnoid haemorrhage: a phase II randomised controlled trial. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 1	10.1	86
316	Consensus statement from the International Consensus Meeting on the Role of Decompressive Craniectomy in the Management of Traumatic Brain Injury : Consensus statement. <i>Acta Neurochirurgica</i> , <b>2019</b> , 161, 1261-1274	3	82
315	Intracranial pressure: more than a number. <i>Neurosurgical Focus</i> , <b>2007</b> , 22, E10	4.2	78
314	Principal component analysis of the cytokine and chemokine response to human traumatic brain injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e39677	3.7	78
313	Outcome following evacuation of acute subdural haematomas: a comparison of craniotomy with decompressive craniectomy. <i>Acta Neurochirurgica</i> , <b>2012</b> , 154, 1555-61	3	77
312	Cerebral microdialysis methodology--evaluation of 20 kDa and 100 kDa catheters. <i>Physiological Measurement</i> , <b>2005</b> , 26, 423-8	2.9	76
311	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 919-929	14.5	74
310	Magnetic resonance imaging changes in the pituitary gland following acute traumatic brain injury. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 468-75	14.5	74
309	Surgery for brain edema. <i>Neurosurgical Focus</i> , <b>2007</b> , 22, E14	4.2	73
308	Clinical applications of intracranial pressure monitoring in traumatic brain injury : report of the Milan consensus conference. <i>Acta Neurochirurgica</i> , <b>2014</b> , 156, 1615-22	3	71
307	Review article: the surgical approach to the management of increased intracranial pressure after traumatic brain injury. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 111, 736-48	3.9	70
306	Decompressive craniectomy following traumatic brain injury: developing the evidence base. <i>British Journal of Neurosurgery</i> , <b>2016</b> , 30, 246-50	1	69
305	Mapping traumatic axonal injury using diffusion tensor imaging: correlations with functional outcome. <i>PLoS ONE</i> , <b>2011</b> , 6, e19214	3.7	68
304	A Consensus-Based Interpretation of the Benchmark Evidence from South American Trials: Treatment of Intracranial Pressure Trial. <i>Journal of Neurotrauma</i> , <b>2015</b> , 32, 1722-4	5.4	67

303	Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 as Outcome Predictors in Traumatic Brain Injury. <i>World Neurosurgery</i> , <b>2016</b> , 87, 8-20	2.1	67
302	Hyperglycemia and brain tissue pH after traumatic brain injury. <i>Neurosurgery</i> , <b>2004</b> , 55, 877-81; discussion 882	3.2	67
301	Monitoring the Neuroinflammatory Response Following Acute Brain Injury. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 351	4.1	66
300	Interaction between brain chemistry and physiology after traumatic brain injury: impact of autoregulation and microdialysis catheter location. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 849-60	5.4	64
299	Working toward rational and evidence-based treatment of chronic subdural hematoma. <i>Clinical Neurosurgery</i> , <b>2010</b> , 57, 112-22		62
298	Human Serum Metabolites Associate With Severity and Patient Outcomes in Traumatic Brain Injury. <i>EBioMedicine</i> , <b>2016</b> , 12, 118-126	8.8	61
297	Recombinant human interleukin-1 receptor antagonist promotes M1 microglia biased cytokines and chemokines following human traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1434-48	7.3	61
296	Glycolysis and the pentose phosphate pathway after human traumatic brain injury: microdialysis studies using 1,2-(13)C2 glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 111-20	7.3	59
295	Cerebral microdialysis in clinical studies of drugs: pharmacokinetic applications. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , <b>2013</b> , 40, 343-58	2.7	59
294	Cerebral oxygen and microdialysis monitoring during aneurysm surgery: effects of blood pressure, cerebrospinal fluid drainage, and temporary clipping on infarction. <i>Journal of Neurosurgery</i> , <b>2002</b> , 96, 1013-9	3.2	59
293	Antibiotic or silver versus standard ventriculoperitoneal shunts (BASICS): a multicentre, single-blinded, randomised trial and economic evaluation. <i>Lancet, The</i> , <b>2019</b> , 394, 1530-1539	4.0	58
292	Glucose metabolism following human traumatic brain injury: methods of assessment and pathophysiological findings. <i>Metabolic Brain Disease</i> , <b>2015</b> , 30, 615-32	3.9	58
291	The Levels of Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 During the First Week After a Traumatic Brain Injury: Correlations With Clinical and Imaging Findings. <i>Neurosurgery</i> , <b>2016</b> , 79, 456-64	3.2	58
290	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> , <b>2015</b> , 35, 248-56	7.3	56
289	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: a list of recommendations and additional conclusions: a statement for healthcare professionals from the Neurocritical Care Society and the European Society of Intensive Care Medicine. <i>Neurocritical Care</i> , <b>2014</b> , 21 Suppl 2, S282-96	3.3	54
288	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> , <b>2019</b> , 9, e030727	3	54
287	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: evidentiary tables: a statement for healthcare professionals from the Neurocritical Care Society and the European Society of Intensive Care Medicine. <i>Neurocritical Care</i> , <b>2014</b> , 21 Suppl 2, S297-361	3.3	53
286	Biological effects of acute pravastatin treatment in patients after aneurysmal subarachnoid hemorrhage: a double-blind, placebo-controlled trial. <i>Journal of Neurosurgery</i> , <b>2007</b> , 107, 1092-100	3.2	53

285	Twenty-Five Years of Intracranial Pressure Monitoring After Severe Traumatic Brain Injury: A Retrospective, Single-Center Analysis. <i>Neurosurgery</i> , <b>2019</b> , 85, E75-E82	3.2	53
284	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> , <b>2018</b> , 35, 1107-1115	5.4	53
283	Traumatic brain injury in adults. <i>Practical Neurology</i> , <b>2013</b> , 13, 228-35	2.4	52
282	Trial of Dexamethasone for Chronic Subdural Hematoma. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 2616-2627	59.2	51
281	Craniectomy in diffuse traumatic brain injury. <i>New England Journal of Medicine</i> , <b>2011</b> , 365, 375; author reply 376	59.2	51
280	Lactate uptake by the injured human brain: evidence from an arteriovenous gradient and cerebral microdialysis study. <i>Journal of Neurotrauma</i> , <b>2013</b> , 30, 2031-7	5.4	50
279	Glial Fibrillary Acidic Protein and Ubiquitin C-Terminal Hydrolase-L1 Are Not Specific Biomarkers for Mild CT-Negative Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2017</b> ,	5.4	50
278	A combined microdialysis and FDG-PET study of glucose metabolism in head injury. <i>Acta Neurochirurgica</i> , <b>2009</b> , 151, 51-61; discussion 61	3	50
277	Matrix Metalloproteinase Expression in Contusional Traumatic Brain Injury: A Paired Microdialysis Study. <i>Journal of Neurotrauma</i> , <b>2015</b> , 32, 1553-9	5.4	48
276	Plateau waves in head injured patients requiring neurocritical care. <i>Neurocritical Care</i> , <b>2009</b> , 11, 143-50	3.3	47
275	Prospective, multicentre study of external ventricular drainage-related infections in the UK and Ireland. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 120-126	5.5	46
274	Dynamic Changes in White Matter Abnormalities Correlate With Late Improvement and Deterioration Following TBI: A Diffusion Tensor Imaging Study. <i>Neurorehabilitation and Neural Repair</i> , <b>2016</b> , 30, 49-62	4.7	45
273	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> , <b>2017</b> , 14, e1002353	11.6	44
272	(13)C-labelled microdialysis studies of cerebral metabolism in TBI patients. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 87-97	5.1	44
271	The screening and management of pituitary dysfunction following traumatic brain injury in adults: British Neurotrauma Group guidance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 971-987	5.5	44
270	Autonomic Impairment in Severe Traumatic Brain Injury: A Multimodal Neuromonitoring Study. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1173-81	1.4	44
269	The reporting of study and population characteristics in degenerative cervical myelopathy: A systematic review. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172564	3.7	43
268	Cerebrospinal Fluid and Microdialysis Cytokines in Severe Traumatic Brain Injury: A Scoping Systematic Review. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 331	4.1	41

267	Microstructural basis of contusion expansion in traumatic brain injury: insights from diffusion tensor imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2013</b> , 33, 855-62	7.3	41
266	Decompressive craniectomy in head injury. <i>Current Opinion in Critical Care</i> , <b>2004</b> , 10, 101-4	3.5	41
265	Systemic, local, and imaging biomarkers of brain injury: more needed, and better use of those already established?. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 26	4.1	40
264	Primary decompressive craniectomy for acute subdural haematomas: results of an international survey. <i>Acta Neurochirurgica</i> , <b>2012</b> , 154, 1563-5	3	40
263	Twist-drill craniostomy with hollow screws for evacuation of chronic subdural hematoma. <i>Journal of Neurosurgery</i> , <b>2014</b> , 121, 176-83	3.2	39
262	Reported Outcome Measures in Degenerative Cervical Myelopathy: A Systematic Review. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157263	3.7	39
261	A noninvasive estimation of cerebral perfusion pressure using critical closing pressure. <i>Journal of Neurosurgery</i> , <b>2015</b> , 123, 638-48	3.2	37
260	A systematic review of cerebral microdialysis and outcomes in TBI: relationships to patient functional outcome, neurophysiologic measures, and tissue outcome. <i>Acta Neurochirurgica</i> , <b>2017</b> , 159, 2245-2273	3	36
259	Focally perfused succinate potentiates brain metabolism in head injury patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 2626-2638	7.3	36
258	The pharmacology of chlormethiazole: a potential neuroprotective agent?. <i>CNS Neuroscience &amp; Therapeutics</i> , <b>2004</b> , 10, 281-94		36
257	Continuous Multimodality Monitoring in Children after Traumatic Brain Injury-Preliminary Experience. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148817	3.7	35
256	Surgical trainee research collaboratives in the UK: an observational study of research activity and publication productivity. <i>BMJ Open</i> , <b>2016</b> , 6, e010374	3	34
255	International multidisciplinary consensus conference on multimodality monitoring: cerebral metabolism. <i>Neurocritical Care</i> , <b>2014</b> , 21 Suppl 2, S148-58	3.3	34
254	Decompressive craniectomies, facts and fiction: a retrospective analysis of 526 cases. <i>Acta Neurochirurgica</i> , <b>2012</b> , 154, 919-26	3	34
253	Traumatic brain injury: global collaboration for a global challenge. <i>Lancet Neurology</i> , <b>2019</b> , 18, 136-137	13.1	32
252	Cerebrovascular pressure reactivity monitoring using wavelet analysis in traumatic brain injury patients: A retrospective study. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002348	11.6	32
251	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> , <b>2018</b> , 35, 963-974	5.4	31
250	Dexamethasone for adult patients with a symptomatic chronic subdural haematoma (Dex-CSDH) trial: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2018</b> , 19, 670	2.8	31

249	Core Outcomes and Common Data Elements in Chronic Subdural Hematoma: A Systematic Review of the Literature Focusing on Reported Outcomes. <i>Journal of Neurotrauma</i> , <b>2016</b> , 33, 1212-9	5.4	30
248	Assessing Metabolism and Injury in Acute Human Traumatic Brain Injury with Magnetic Resonance Spectroscopy: Current and Future Applications. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 426	4.1	30
247	The current status of decompressive craniectomy in traumatic brain injury. <i>Current Trauma Reports</i> , <b>2018</b> , 4, 326-332	0.5	30
246	Elevated Baseline C-Reactive Protein as a Predictor of Outcome After Aneurysmal Subarachnoid Hemorrhage: Data From the Simvastatin in Aneurysmal Subarachnoid Hemorrhage (STASH) Trial. <i>Neurosurgery</i> , <b>2015</b> , 77, 786-92; discussion 792-3	3.2	29
245	Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 2178-2189	5.4	27
244	Continuous cerebrovascular reactivity monitoring in moderate/severe traumatic brain injury: a narrative review of advances in neurocritical care. <i>British Journal of Anaesthesia</i> , <b>2020</b> ,	5.4	26
243	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> , <b>2015</b> , 43, 1952-63	1.4	26
242	Extracellular brain pH with or without hypoxia is a marker of profound metabolic derangement and increased mortality after traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2013</b> , 33, 422-7	7.3	26
241	Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 1551-1560	5.4	26
240	Improved long-term survival with subdural drains following evacuation of chronic subdural haematoma. <i>Acta Neurochirurgica</i> , <b>2017</b> , 159, 903-905	3	25
239	Proposal for establishment of the UK Cranial Reconstruction Registry (UKCRR). <i>British Journal of Neurosurgery</i> , <b>2014</b> , 28, 310-4	1	25
238	Inappropriate acute neurosurgical bed occupancy and short falls in rehabilitation: implications for the National Service Framework. <i>British Journal of Neurosurgery</i> , <b>2006</b> , 20, 36-9	1	25
237	Microdialysis Monitoring in Clinical Traumatic Brain Injury and Its Role in Neuroprotective Drug Development. <i>AAPS Journal</i> , <b>2017</b> , 19, 367-376	3.7	24
236	Elucidating Pro-Inflammatory Cytokine Responses after Traumatic Brain Injury in a Human Stem Cell Model. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 341-352	5.4	24
235	The effect of succinate on brain NADH/NAD redox state and high energy phosphate metabolism in acute traumatic brain injury. <i>Scientific Reports</i> , <b>2018</b> , 8, 11140	4.9	24
234	Brain microdialysis study of meropenem in two patients with acute brain injury. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 3502-4	5.9	24
233	Spatial and Temporal Pattern of Ischemia and Abnormal Vascular Function Following Traumatic Brain Injury. <i>JAMA Neurology</i> , <b>2020</b> , 77, 339-349	17.2	24
232	Proposal for a prospective multi-centre audit of chronic subdural haematoma management in the United Kingdom and Ireland. <i>British Journal of Neurosurgery</i> , <b>2014</b> , 28, 199-203	1	22



231	The British Neurosurgical Trainee Research Collaborative: Five years on. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 23-28	3	21
230	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. <i>Journal of Neurotrauma</i> , <b>2016</b> , 33, 1569-75	5.4	21
229	Correlating optic nerve sheath diameter with opening intracranial pressure in pediatric traumatic brain injury. <i>Pediatric Research</i> , <b>2017</b> , 81, 443-447	3.2	21
228	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?. <i>Neurosurgical Focus</i> , <b>2019</b> , 47, E5	4.2	21
227	Concordant biology underlies discordant imaging findings: diffusivity behaves differently in grey and white matter post acute neurotrauma. <i>Acta Neurochirurgica Supplementum</i> , <b>2008</b> , 102, 247-51	1.7	21
226	Genetic drivers of cerebral blood flow dysfunction in TBI: a speculative synthesis. <i>Nature Reviews Neurology</i> , <b>2019</b> , 15, 25-39	15	21
225	Succinate supplementation improves metabolic performance of mixed glial cell cultures with mitochondrial dysfunction. <i>Scientific Reports</i> , <b>2017</b> , 7, 1003	4.9	20
224	Increased blood glucose is related to disturbed cerebrovascular pressure reactivity after traumatic brain injury. <i>Neurocritical Care</i> , <b>2015</b> , 22, 20-5	3.3	20
223	Decompressive craniectomy for traumatic brain injury: the jury is still out. <i>British Journal of Neurosurgery</i> , <b>2011</b> , 25, 441-2	1	20
222	WSES consensus conference guidelines: monitoring and management of severe adult traumatic brain injury patients with polytrauma in the first 24 hours. <i>World Journal of Emergency Surgery</i> , <b>2019</b> , 14, 53	9.2	20
221	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 1080-1092	5.4	20
220	The History of Decompressive Craniectomy in Traumatic Brain Injury. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 458	4.1	19
219	Incidence of pituitary dysfunction following traumatic brain injury: A prospective study from a regional neurosurgical centre. <i>British Journal of Neurosurgery</i> , <b>2016</b> , 30, 302-6	1	19
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