Andrew I R Maas

List of Publications by Citations

288 papers	24,792 citations	78 h-index	155 g-index
316 ext. papers	29,714 ext. citations	7.7 avg, IF	6.83 L-index

#	Paper	IF	Citations
288	Moderate and severe traumatic brain injury in adults. *Lancet Neurology, The*, **2008**, 7, 728-41	24.1	1393
287	Multivariable prognostic analysis in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 329-37	5.4	976
286	Position statement: definition of traumatic brain injury. *Archives of Physical Medicine and Rehabilitation*, **2010**, 91, 1637-40	2.8	858
285	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. *Lancet Neurology, The*, **2017**, 16, 987-1048	24.1	851
284	Changing patterns in the epidemiology of traumatic brain injury. *Nature Reviews Neurology*, **2013**, 9, 231-6	15	815
283	Early prognosis in traumatic brain injury: from prophecies to predictions. *Lancet Neurology, The*, **2010**, 9, 543-54	24.1	806
282	Classification of traumatic brain injury for targeted therapies. *Journal of Neurotrauma*, **2008**, 25, 719-38	5.4	757
281	Clinical trials in head injury. *Journal of Neurotrauma*, **2002**, 19, 503-57	5.4	727
280	Predicting outcome after traumatic brain injury: development and international validation of prognostic scores based on admission characteristics. *PLoS Medicine*, **2008**, 5, e165; discussion e165	11.6	726
279	Prediction of outcome in traumatic brain injury with computed tomographic characteristics: a comparison between the computed tomographic classification and combinations of computed tomographic predictors. *Neurosurgery*, **2005**, 57, 1173-82; discussion 1173-82	3.2	551
278	Prediction of outcome after moderate and severe traumatic brain injury: external validation of the International Mission on Prognosis and Analysis of Clinical Trials (IMPACT) and Corticoid Randomisation After Significant Head injury (CRASH) prognostic models. *Critical Care Medicine*, **2012**, 40, 1609-17	1.4	487
277	Patient age and outcome following severe traumatic brain injury: an analysis of 5600 patients. *Journal of Neurosurgery*, **2003**, 99, 666-73	3.2	409
276	The Glasgow Coma Scale at 40 years: standing the test of time. *Lancet Neurology, The*, **2014**, 13, 844-54	24.1	407
275	Epidemiology of traumatic brain injury in Europe. *Acta Neurochirurgica*, **2015**, 157, 1683-96	3	382
274	Severe head injuries in three countries. *Journal of Neurology, Neurosurgery and Psychiatry*, **1977**, 40, 291-8	3.5	371
273	Continuous monitoring of partial pressure of brain tissue oxygen in patients with severe head injury. *Neurosurgery*, **1996**, 38, 21-31	3.2	343
272	A clinical trial of progesterone for severe traumatic brain injury. *New England Journal of Medicine*, **2014**, 371, 2467-76	59.2	331

271	Early management of severe traumatic brain injury. *Lancet, The*, **2012**, 380, 1088-98	40	320
270	Brain oxygen tension in severe head injury. *Neurosurgery*, **2000**, 46, 868-76; discussion 876-8	3.2	294
269	The European Brain Injury Consortium survey of head injuries. *Acta Neurochirurgica*, **1999**, 141, 223-36	3	294
268	Prognostic value of secondary insults in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 287-93	5.4	279
267	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI): a prospective longitudinal observational study. *Neurosurgery*, **2015**, 76, 67-80	3.2	276
266	Prognosis and clinical trial design in traumatic brain injury: the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 232-8	5.4	274
265	Magnetic resonance imaging improves 3-month outcome prediction in mild traumatic brain injury. *Annals of Neurology*, **2013**, 73, 224-35	9.4	272
264	A multicenter trial on the efficacy of using tirilazad mesylate in cases of head injury. *Journal of Neurosurgery*, **1998**, 89, 519-25	3.2	260
263	Acute biomarkers of traumatic brain injury: relationship between plasma levels of ubiquitin C-terminal hydrolase-L1 and glial fibrillary acidic protein. *Journal of Neurotrauma*, **2014**, 31, 19-25	5.4	257
262	Prognostic value of the Glasgow Coma Scale and pupil reactivity in traumatic brain injury assessed pre-hospital and on enrollment: an IMPACT analysis. *Journal of Neurotrauma*, **2007**, 24, 270-80	5.4	225
261	Predicting outcome after traumatic brain injury: development and validation of a prognostic score based on admission characteristics. *Journal of Neurotrauma*, **2005**, 22, 1025-39	5.4	220
260	Spreading depolarisations and outcome after traumatic brain injury: a prospective observational study. *Lancet Neurology, The*, **2011**, 10, 1058-64	24.1	217
259	Efficacy and safety of dexanabinol in severe traumatic brain injury: results of a phase III randomised, placebo-controlled, clinical trial. *Lancet Neurology, The*, **2006**, 5, 38-45	24.1	214
258	Clinical trials in traumatic brain injury: past experience and current developments. *Neurotherapeutics*, **2010**, 7, 115-26	6.4	212
257	Living systematic review: 1. Introduction-the why, what, when, and how. *Journal of Clinical Epidemiology*, **2017**, 91, 23-30	5.7	211
256	Failure of the competitive N-methyl-D-aspartate antagonist Selfotel (CGS 19755) in the treatment of severe head injury: results of two phase III clinical trials. The Selfotel Investigators. *Journal of Neurosurgery*, **1999**, 91, 737-43	3.2	207
255	Transforming research and clinical knowledge in traumatic brain injury pilot: multicenter implementation of the common data elements for traumatic brain injury. *Journal of Neurotrauma*, **2013**, 30, 1831-44	5.4	201
254	Epidemiology of traumatic brain injuries in Europe: a cross-sectional analysis. *Lancet Public Health, The*, **2016**, 1, e76-e83	22.4	199

253	Prognostic value of demographic characteristics in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 259-69	5.4	196
252	Prognostic value of computerized tomography scan characteristics in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 303-14	5.4	193
251	Brain Oxygen Tension in Severe Head Injury. *Neurosurgery*, **2000**, 46, 868-878	3.2	193
250	IMPACT database of traumatic brain injury: design and description. *Journal of Neurotrauma*, **2007**, 24, 239-50	5.4	178
249	Traumatic intracranial hypertension. *New England Journal of Medicine*, **2014**, 370, 2121-30	59.2	177
248	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. *Journal of Cerebral Blood Flow and Metabolism*, **2017**, 37, 1595-1625	7.3	173
247	Hyperventilation in head injury: a review. *Chest*, **2005**, 127, 1812-27	5.3	173
246	Progression of traumatic intracerebral hemorrhage: a prospective observational study. *Journal of Neurotrauma*, **2008**, 25, 629-39	5.4	161
245	Diffusion tensor imaging for outcome prediction in mild traumatic brain injury: a TRACK-TBI study. *Journal of Neurotrauma*, **2014**, 31, 1457-77	5.4	157
244	Living systematic reviews: 2. Combining human and machine effort. *Journal of Clinical Epidemiology*, **2017**, 91, 31-37	5.7	156
243	Prognostic value of admission laboratory parameters in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 315-28	5.4	151
242	Re-orientation of clinical research in traumatic brain injury: report of an international workshop on comparative effectiveness research. *Journal of Neurotrauma*, **2012**, 29, 32-46	5.4	148
241	Quality of Life after Brain Injury (QOLIBRI): scale validity and correlates of quality of life. *Journal of Neurotrauma*, **2010**, 27, 1157-65	5.4	146
240	Quality of Life after Brain Injury (QOLIBRI): scale development and metric properties. *Journal of Neurotrauma*, **2010**, 27, 1167-85	5.4	141
239	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	24.1	139
238	A systematic review finds methodological improvements necessary for prognostic models in determining traumatic brain injury outcomes. *Journal of Clinical Epidemiology*, **2008**, 61, 331-43	5.7	133
237	GFAP-BDP as an acute diagnostic marker in traumatic brain injury: results from the prospective transforming research and clinical knowledge in traumatic brain injury study. *Journal of Neurotrauma*, **2013**, 30, 1490-7	5.4	126
236	Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. *Intensive Care Medicine*, **2015**, 41, 1067-76	14.5	122

235	Outcome prediction after mild and complicated mild traumatic brain injury: external validation of existing models and identification of new predictors using the TRACK-TBI pilot study. *Journal of Neurotrauma*, **2015**, 32, 83-94	5.4	121
234	IMPACT recommendations for improving the design and analysis of clinical trials in moderate to severe traumatic brain injury. *Neurotherapeutics*, **2010**, 7, 127-34	6.4	121
233	Common data elements for traumatic brain injury: recommendations from the interagency working group on demographics and clinical assessment. *Archives of Physical Medicine and Rehabilitation*, **2010**, 91, 1641-9	2.8	119
232	Comparing Plasma Phospho Tau, Total Tau, and Phospho Tau-Total Tau Ratio as Acute and Chronic Traumatic Brain Injury Biomarkers. *JAMA Neurology*, **2017**, 74, 1063-1072	17.2	118
231	Design and analysis of phase III trials with ordered outcome scales: the concept of the sliding dichotomy. *Journal of Neurotrauma*, **2005**, 22, 511-7	5.4	117
230	Standardizing data collection in traumatic brain injury. *Journal of Neurotrauma*, **2011**, 28, 177-87	5.4	113
229	Recombinant factor VIIA in traumatic intracerebral hemorrhage: results of a dose-escalation clinical trial. *Neurosurgery*, **2008**, 62, 776-86; discussion 786-8	3.2	112
228	Intensive care management of head-injured patients in Europe: a survey from the European brain injury consortium. *Intensive Care Medicine*, **2001**, 27, 400-6	14.5	109
227	The reliability of the Glasgow Coma Scale: a systematic review. *Intensive Care Medicine*, **2016**, 42, 3-15	14.5	106
226	Prognostic value of admission blood pressure in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 294-302	5.4	106
225	Advancing care for traumatic brain injury: findings from the IMPACT studies and perspectives on future research. *Lancet Neurology, The*, **2013**, 12, 1200-10	24.1	102
224	Quality of life after traumatic brain injury: the clinical use of the QOLIBRI, a novel disease-specific instrument. *Brain Injury*, **2010**, 24, 1272-91	2.1	101
223	Why Have Recent Trials of Neuroprotective Agents in Head Injury Failed to Show Convincing Efficacy? A Pragmatic Analysis and Theoretical Considerations. *Neurosurgery*, **1999**, 44, 1286-1298	3.2	99
222	The management of patients with intradural post-traumatic mass lesions: a multicenter survey of current approaches to surgical management in 729 patients coordinated by the European Brain Injury Consortium. *Neurosurgery*, **2005**, 57, 1183-92; discussion 1183-92	3.2	98
221	CO2 reactivity and brain oxygen pressure monitoring in severe head injury. *Critical Care Medicine*, **2000**, 28, 3268-74	1.4	98
220	The added value of ordinal analysis in clinical trials: an example in traumatic brain injury. *Critical Care*, **2011**, 15, R127	10.8	94
219	Does the extended Glasgow Outcome Scale add value to the conventional Glasgow Outcome Scale?. *Journal of Neurotrauma*, **2012**, 29, 53-8	5.4	91
218	Neuroprotection in acute brain injury: an up-to-date review. *Critical Care*, **2015**, 19, 186	10.8	89

217	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. *Journal of Neurotrauma*, **2016**, 33, 215-25	5.4	88
216	Agreement between physicians on assessment of outcome following severe head injury. *Journal of Neurosurgery*, **1983**, 58, 321-5	3.2	84
215	Consensus statement from the International Consensus Meeting on the Role of Decompressive Craniectomy in the Management of Traumatic Brain Injury : Consensus statement. *Acta Neurochirurgica*, **2019**, 161, 1261-1274	3	82
214	Living systematic reviews: 4. Living guideline recommendations. *Journal of Clinical Epidemiology*, **2017**, 91, 47-53	5.7	81
213	Regional differences in patient characteristics, case management, and outcomes in traumatic brain injury: experience from the tirilazad trials. *Journal of Neurosurgery*, **2002**, 97, 549-57	3.2	81
212	Large between-center differences in outcome after moderate and severe traumatic brain injury in the international mission on prognosis and clinical trial design in traumatic brain injury (IMPACT) study. *Neurosurgery*, **2011**, 68, 601-7; discussion 607-8	3.2	79
211	Traumatic brain injury: an international knowledge-based approach. *JAMA - Journal of the American Medical Association*, **2013**, 310, 473-4	27.4	78
210	Prognosis in moderate and severe traumatic brain injury: external validation of the IMPACT models and the role of extracranial injuries. *Journal of Trauma and Acute Care Surgery*, **2013**, 74, 639-46	3.3	78
209	A simulation study evaluating approaches to the analysis of ordinal outcome data in randomized controlled trials in traumatic brain injury: results from the IMPACT Project. *Clinical Trials*, **2010**, 7, 44-57	2.2	78
208	Measurement of the glial fibrillary acidic protein and its breakdown products GFAP-BDP biomarker for the detection of traumatic brain injury compared to computed tomography and magnetic resonance imaging. *Journal of Neurotrauma*, **2015**, 32, 527-33	5.4	77
207	The impact of previous traumatic brain injury on health and functioning: a TRACK-TBI study. *Journal of Neurotrauma*, **2013**, 30, 2014-20	5.4	77
206	A State-of-the-Science Overview of Randomized Controlled Trials Evaluating Acute Management of Moderate-to-Severe Traumatic Brain Injury. *Journal of Neurotrauma*, **2016**, 33, 1461-78	5.4	74
205	Living systematic reviews: 3. Statistical methods for updating meta-analyses. *Journal of Clinical Epidemiology*, **2017**, 91, 38-46	5.7	74
204	Prognostic value of major extracranial injury in traumatic brain injury: an individual patient data meta-analysis in 39,274 patients. *Neurosurgery*, **2012**, 70, 811-8; discussion 818	3.2	70
203	Resting-State Functional Connectivity Alterations Associated with Six-Month Outcomes in Mild Traumatic Brain Injury. *Journal of Neurotrauma*, **2017**, 34, 1546-1557	5.4	69
202	QOLIBRI overall scale: a brief index of health-related quality of life after traumatic brain injury. *Journal of Neurology, Neurosurgery and Psychiatry*, **2012**, 83, 1041-7	5.5	69
201	Predicting 14-day mortality after severe traumatic brain injury: application of the IMPACT models in the brain trauma foundation TBI-trac New York State database. *Journal of Neurotrauma*, **2012**, 29, 1306-12	5.4	62
200	Years of life lost due to traumatic brain injury in Europe: A cross-sectional analysis of 16 countries. *PLoS Medicine*, **2017**, 14, e1002331	11.6	61

199	A review and rationale for the use of cellular transplantation as a therapeutic strategy for traumatic brain injury. *Journal of Neurotrauma*, **2004**, 21, 1501-38	5.4	60
198	Advanced monitoring in the intensive care unit: brain tissue oxygen tension. *Current Opinion in Critical Care*, **2002**, 8, 115-20	3.5	59
197	Blood biomarkers on admission in acute traumatic brain injury: Relations to severity, CT findings and care path in the CENTER-TBI study. *EBioMedicine*, **2020**, 56, 102785	8.8	58
196	Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. *Critical Care*, **2017** , 21, 233	10.8	58
195	Prognostic value of cause of injury in traumatic brain injury: results from the IMPACT study. *Journal of Neurotrauma*, **2007**, 24, 281-6	5.4	57
194	Baseline characteristics and statistical power in randomized controlled trials: selection, prognostic targeting, or covariate adjustment?. *Critical Care Medicine*, **2009**, 37, 2683-90	1.4	56
193	Adjustment for strong predictors of outcome in traumatic brain injury trials: 25% reduction in sample size requirements in the IMPACT study. *Journal of Neurotrauma*, **2006**, 23, 1295-303	5.4	56
192	Observer variation in the assessment of outcome in traumatic brain injury: experience from a multicenter, international randomized clinical trial. *Neurosurgery*, **2007**, 61, 123-8; discussion 128-9	3.2	56
191	Neuroprotective agents in traumatic brain injury. *Expert Opinion on Investigational Drugs*, **2001**, 10, 753-67	5.9	54
190	Plasma Anti-Glial Fibrillary Acidic Protein Autoantibody Levels during the Acute and Chronic Phases of Traumatic Brain Injury: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Pilot Study. *Journal of Neurotrauma*, **2016**, 33, 1270-7	5.4	53
189	Blood-Based Protein Biomarkers for the Management of Traumatic Brain Injuries in Adults Presenting to Emergency Departments with Mild Brain Injury: A Living Systematic Review and Meta-Analysis. *Journal of Neurotrauma*, **2021**, 38, 1086-1106	5.4	53
188	Statistical approaches to the univariate prognostic analysis of the IMPACT database on traumatic brain injury. *Journal of Neurotrauma*, **2007**, 24, 251-8	5.4	51
187	Some prognostic models for traumatic brain injury were not valid. *Journal of Clinical Epidemiology*, **2006**, 59, 132-43	5.7	51
186	Traumatic brain injury in 2014. Progress, failures and new approaches for TBI research. *Nature Reviews Neurology*, **2015**, 11, 71-2	15	49
185	Predicting outcome after traumatic brain injury. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2015**, 128, 455-74	3	49
184	Imminent brain death: point of departure for potential heart-beating organ donor recognition. *Intensive Care Medicine*, **2010**, 36, 1488-94	14.5	48
183	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. *Journal of Clinical Epidemiology*, **2020**, 122, 95-107	5.7	47
182	Organ donations and unused potential donations in traumatic brain injury, subarachnoid haemorrhage and intracerebral haemorrhage. *Intensive Care Medicine*, **2006**, 32, 217-222	14.5	47

181	Effects of Glasgow Outcome Scale misclassification on traumatic brain injury clinical trials. *Journal of Neurotrauma*, **2008**, 25, 641-51	5.4	46
180	Current recommendations for neurotrauma. *Current Opinion in Critical Care*, **2000**, 6, 281-292	3.5	42
179	Changes of cerebral blood flow during the secondary expansion of a cortical contusion assessed by 14C-iodoantipyrine autoradiography in mice using a non-invasive protocol. *Journal of Neurotrauma*, **2008**, 25, 739-53	5.4	40
178	Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. *PLoS ONE*, **2016**, 11, e0161367	3.7	40
177	Management of Mild Traumatic Brain Injury at the Emergency Department and Hospital Admission in Europe: A Survey of 71 Neurotrauma Centers Participating in the CENTER-TBI Study. *Journal of Neurotrauma*, **2017**, 34, 2529-2535	5.4	38
176	Prognosis in Moderate and Severe Traumatic Brain Injury: A Systematic Review of Contemporary Models and Validation Studies. *Journal of Neurotrauma*, **2020**, 37, 1-13	5.4	38
175	New considerations in the design of clinical trials for traumatic brain injury. *Clinical Investigation*, **2012**, 2, 153-162		37
174	Differential effects of the Glasgow Coma Scale Score and its Components: An analysis of 54,069 patients with traumatic brain injury. *Injury*, **2017**, 48, 1932-1943	2.5	36
173	Lack of Standardization in the Use of the Glasgow Coma Scale: Results of International Surveys. *Journal of Neurotrauma*, **2016**, 33, 89-94	5.4	35
172	Variation in general supportive and preventive intensive care management of traumatic brain injury: a survey in 66 neurotrauma centers participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) study. *Critical Care*, **2018**, 22, 90	10.8	34
171	Subgroup analysis and covariate adjustment in randomized clinical trials of traumatic brain injury: a systematic review. *Neurosurgery*, **2005**, 57, 1244-53; discussion 1244-53	3.2	34
170	Primum non nocere: a call for balance when reporting on CTE. *Lancet Neurology, The*, **2019**, 18, 231-233	24.1	34
169	Interpreting Quality of Life after Brain Injury Scores: Cross-Walk with the Short Form-36. *Journal of Neurotrauma*, **2017**, 34, 59-65	5.4	32
168	Traumatic brain injury: Changing concepts and approaches. *Chinese Journal of Traumatology - English Edition*, **2016**, 19, 3-6	2.3	32
167	ED disposition of the Glasgow Coma Scale 13 to 15 traumatic brain injury patient: analysis of the Transforming Research and Clinical Knowledge in TBI study. *American Journal of Emergency Medicine*, **2014**, 32, 844-50	2.9	31
166	Medical research in emergency research in the European Union member states: tensions between theory and practice. *Intensive Care Medicine*, **2014**, 40, 496-503	14.5	30
165	Assessment of Health-Related Quality of Life after TBI: Comparison of a Disease-Specific (QOLIBRI) with a Generic (SF-36) Instrument. *Behavioural Neurology*, **2016**, 2016, 7928014	3	30
164	Cerebral Perfusion Pressure Insults and Associations with Outcome in Adult Traumatic Brain Injury. *Journal of Neurotrauma*, **2017**, 34, 2425-2431	5.4	29

163	The influence of enrollment criteria on recruitment and outcome distribution in traumatic brain injury studies: results from the impact study. *Journal of Neurotrauma*, **2009**, 26, 1069-75	5.4	29
162	Post-Concussion Symptoms in Complicated vs. Uncomplicated Mild Traumatic Brain Injury Patients at Three and Six Months Post-Injury: Results from the CENTER-TBI Study. *Journal of Clinical Medicine*, **2019**, 8,	5.1	29
161	Variation in neurosurgical management of traumatic brain injury: a survey in 68 centers participating in the CENTER-TBI study. *Acta Neurochirurgica*, **2019**, 161, 435-449	3	29
160	Traumatic brain injury: rethinking ideas and approaches. *Lancet Neurology, The*, **2012**, 11, 12-3	24.1	27
159	Evolution of Evidence and Guideline Recommendations for the Medical Management of Severe Traumatic Brain Injury. *Journal of Neurotrauma*, **2019**, 36, 3183-3189	5.4	26
158	Post-Traumatic Stress Disorder after Civilian Traumatic Brain Injury: A Systematic Review and Meta-Analysis of Prevalence Rates. *Journal of Neurotrauma*, **2019**, 36, 3220-3232	5.4	26
157	Traumatic intracranial hypertension. *New England Journal of Medicine*, **2014**, 371, 972	59.2	26
156	Massive swelling of Surgicel® Fibrillar™ hemostat after spinal surgery. Case report and a review of the literature. *Minimally Invasive Neurosurgery*, **2011**, 54, 257-9		26
155	Combined effects of mechanical and ischemic injury to cortical cells: secondary ischemia increases damage and decreases effects of neuroprotective agents. *Neuropharmacology*, **2005**, 49, 985-95	5.5	26
154	Apolipoprotein E4 Polymorphism and Outcomes from Traumatic Brain Injury: A Living Systematic Review and Meta-Analysis. *Journal of Neurotrauma*, **2021**, 38, 1124-1136	5.4	26
153	Changing Epidemiological Patterns in Traumatic Brain Injury: A Longitudinal Hospital-Based Study in Belgium. *Neuroepidemiology*, **2017**, 48, 63-70	5.4	25
152	Association between Cerebrovascular Reactivity Monitoring and Mortality Is Preserved When Adjusting for Baseline Admission Characteristics in Adult Traumatic Brain Injury: A CENTER-TBI Study. *Journal of Neurotrauma*, **2020**, 37, 1233-1241	5.4	25
151	Automatic Quantification of Computed Tomography Features in Acute Traumatic Brain Injury. *Journal of Neurotrauma*, **2019**, 36, 1794-1803	5.4	24
150	Genetic Influences on Patient-Oriented Outcomes in Traumatic Brain Injury: A Living Systematic Review of Non-Apolipoprotein E Single-Nucleotide Polymorphisms. *Journal of Neurotrauma*, **2021**, 38, 1107-1123	5.4	24
149	Reliability and Validity of the Therapy Intensity Level Scale: Analysis of Clinimetric Properties of a Novel Approach to Assess Management of Intracranial Pressure in Traumatic Brain Injury. *Journal of Neurotrauma*, **2016**, 33, 1768-1774	5.4	23
148	Factors Influencing the Reliability of the Glasgow Coma Scale: A Systematic Review. *Neurosurgery*, **2017**, 80, 829-839	3.2	22
147	Genetic data sharing and privacy. *Neuroinformatics*, **2015**, 13, 1-6	3.2	22
146	Between-centre differences and treatment effects in randomized controlled trials: a case study in traumatic brain injury. *Trials*, **2011**, 12, 201	2.8	22

145	Rehabilitation after traumatic brain injury: A survey in 70 European neurotrauma centres participating in the CENTER-TBI study. *Journal of Rehabilitation Medicine*, **2017**, 49, 395-401	3.4	21
144	Ventricular Drainage Catheters versus Intracranial Parenchymal Catheters for Intracranial Pressure Monitoring-Based Management of Traumatic Brain Injury: A Systematic Review and Meta-Analysis. *Journal of Neurotrauma*, **2019**, 36, 988-995	5.4	21
143	Handling of Missing Outcome Data in Traumatic Brain Injury Research: A Systematic Review. *Journal of Neurotrauma*, **2019**, 36, 2743-2752	5.4	20
142	WSES consensus conference guidelines: monitoring and management of severe adult traumatic brain injury patients with polytrauma in the first 24 hours. *World Journal of Emergency Surgery*, **2019**, 14, 53	9.2	20
141	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. *Journal of Neurotrauma*, **2019**, 36, 1080-1092	5.4	20
140	Adjusting for confounding by indication in observational studies: a case study in traumatic brain injury. *Clinical Epidemiology*, **2018**, 10, 841-852	5.9	19
139	External Validation of the International Mission for Prognosis and Analysis of Clinical Trials in Traumatic Brain Injury: Prognostic Models for Traumatic Brain Injury on the Study of the Neuroprotective Activity of Progesterone in Severe Traumatic Brain Injuries Trial. *Journal of Neurotrauma*, **2016**, 33, 1535-43	5.4	18
138	Importance of screening logs in clinical trials for severe traumatic brain injury. *Neurosurgery*, **2008**, 62, 1321-8; discussion 1328-9	3.2	18
137	Admission of patients with severe and moderate traumatic brain injury to specialized ICU facilities: a search for triage criteria. *Intensive Care Medicine*, **2005**, 31, 799-806	14.5	18
136	Clinical characteristics and outcomes in patients with traumatic brain injury in China: a prospective, multicentre, longitudinal, observational study. *Lancet Neurology, The*, **2020**, 19, 670-677	24.1	18
135	Expert Panel Survey to Update the American Congress of Rehabilitation Medicine Definition of Mild Traumatic Brain Injury. *Archives of Physical Medicine and Rehabilitation*, **2021**, 102, 76-86	2.8	18
134	Endothelial dysfunction in acute brain injury and the development of cerebral ischemia. *Journal of Neuroscience Research*, **2015**, 93, 866-72	4.4	17
133	Diffusion Tensor Imaging: A Possible Biomarker in Severe Traumatic Brain Injury and Aneurysmal Subarachnoid Hemorrhage?. *Neurosurgery*, **2016**, 79, 786-793	3.2	17
132	Monitoring cerebral oxygenation in traumatic brain injury. *Progress in Brain Research*, **2007**, 161, 207-16	2.9	15
131	Variation in Blood Transfusion and Coagulation Management in Traumatic Brain Injury at the Intensive Care Unit: A Survey in 66 Neurotrauma Centers Participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Study. *Journal of Neurotrauma*, **2018**, 35, 323-332	5.4	14
130	Hypothermia and the complexity of trials in patients with traumatic brain injury. *Lancet Neurology, The*, **2011**, 10, 111-3	24.1	14
129	Preliminary validation of the Dutch version of the Posttraumatic stress disorder checklist for DSM-5 (PCL-5) after traumatic brain injury in a civilian population. *PLoS ONE*, **2020**, 15, e0231857	3.7	14
128	Questioning the value of intracranial pressure (ICP) monitoring in patients with brain injuries. *Journal of Trauma*, **2008**, 65, 966-7		13

127	Neurological picture. Armoured brain: case report of a symptomatic calcified chronic subdural haematoma. *Journal of Neurology, Neurosurgery and Psychiatry*, **2007**, 78, 542-3	5.5	13
126	Early Detection of Increased Intracranial Pressure Episodes in Traumatic Brain Injury: External Validation in an Adult and in a Pediatric Cohort. *Critical Care Medicine*, **2017**, 45, e316-e320	1.4	12
125	Variation in Guideline Implementation and Adherence Regarding Severe Traumatic Brain Injury Treatment: A CENTER-TBI Survey Study in Europe. *World Neurosurgery*, **2019**, 125, e515-e520	2.1	12
124	Incidence, Risk Factors, and Effects on Outcome of Ventilator-Associated Pneumonia in Patients With Traumatic Brain Injury: Analysis of a Large, Multicenter, Prospective, Observational Longitudinal Study. *Chest*, **2020**, 158, 2292-2303	5.3	12
123	Changing care pathways and between-center practice variations in intensive care for traumatic brain injury across Europe: a CENTER-TBI analysis. *Intensive Care Medicine*, **2020**, 46, 995-1004	14.5	12
122	ALERT-TBI study on biomarkers for TBI: has science suffered?. *Lancet Neurology, The*, **2018**, 17, 737-738	24.1	12
121	Raising awareness for spinal cord injury research. *Lancet Neurology, The*, **2018**, 17, 581-582	24.1	12
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