

David W Nelson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,247
citations

18
h-index

35
g-index

47
ext. papers

1,739
ext. citations

6
avg, IF

4.36
L-index

#	Paper	IF	Citations
41	Temporal patterns of organ dysfunction after severe trauma. <i>Critical Care</i> , 2021 , 25, 165	10.8	3
40	Variability in Serum Sodium Concentration and Prognostic Significance in Severe Traumatic Brain Injury: A Multicenter Observational Study. <i>Neurocritical Care</i> , 2021 , 34, 899-907	3.3	2
39	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. <i>Journal of Neurotrauma</i> , 2021 , 38, 1377-1388	5.4	11
38	Use and impact of high intensity treatments in patients with traumatic brain injury across Europe: a CENTER-TBI analysis. <i>Critical Care</i> , 2021 , 25, 78	10.8	3
37	Cerebrospinal fluid cell count variability is a major confounding factor in external ventricular drain-associated infection surveillance diagnostics: a prospective observational study. <i>Critical Care</i> , 2021 , 25, 291	10.8	1
36	Imputation strategies for missing baseline neurological assessment covariates after traumatic brain injury: A CENTER-TBI study. <i>PLoS ONE</i> , 2021 , 16, e0253425	3.7	1
35	Navigation system for percutaneous tracheotomy. <i>Acta Oto-Laryngologica</i> , 2021 , 141, 953-959	1.6	
34	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis. <i>Journal of Neurotrauma</i> , 2020 , 37, 2069-2080	5.4	9
33	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , 2020 , 122, 95-107	5.7	47
32	Changing care pathways and between-center practice variations in intensive care for traumatic brain injury across Europe: a CENTER-TBI analysis. <i>Intensive Care Medicine</i> , 2020 , 46, 995-1004	14.5	12
31	Influence of Blood-Brain Barrier Integrity on Brain Protein Biomarker Clearance in Severe Traumatic Brain Injury: A Longitudinal Prospective Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 1381-1391	5.4	27
30	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	3.7	14
29	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 1002-1010	5.4	9
28	Comparison of high versus low frequency cerebral physiology for cerebrovascular reactivity assessment in traumatic brain injury: a multi-center pilot study. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 971-994	2	9
27	Early Osmotherapy in Severe Traumatic Brain Injury: An International Multicenter Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 178-184	5.4	8
26	Delayed Neurosurgical Intervention in Traumatic Brain Injury Patients Referred From Primary Hospitals Is Not Associated With an Unfavorable Outcome. <i>Frontiers in Neurology</i> , 2020 , 11, 610192	4.1	1
25	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study 2020 , 15, e0243427		

24	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study 2020 , 15, e0243427		
23	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study 2020 , 15, e0243427		
22	Impact of duration and magnitude of raised intracranial pressure on outcome after severe traumatic brain injury: A CENTER-TBI high-resolution group study 2020 , 15, e0243427		
21	How to Translate Time: The Temporal Aspects of Rodent and Human Pathobiological Processes in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 1724-1737	5.4	21
20	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> , 2019 , 18, 923-934	24.1	139
19	A Serum Protein Biomarker Panel Improves Outcome Prediction in Human Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 2850-2862	5.4	78
18	Variation in Guideline Implementation and Adherence Regarding Severe Traumatic Brain Injury Treatment: A CENTER-TBI Survey Study in Europe. <i>World Neurosurgery</i> , 2019 , 125, e515-e520	2.1	12
17	Prognostic performance of computerized tomography scoring systems in civilian penetrating traumatic brain injury: an observational study. <i>Acta Neurochirurgica</i> , 2019 , 161, 2467-2478	3	1
16	The Role of Glycerol-Containing Drugs in Cerebral Microdialysis: A Retrospective Study on the Effects of Intravenously Administered Glycerol. <i>Neurocritical Care</i> , 2019 , 30, 590-600	3.3	1
15	Intensive care admission criteria for traumatic brain injury patients across Europe. <i>Journal of Critical Care</i> , 2019 , 49, 158-161	4	8
14	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. <i>Critical Care</i> , 2018 , 22, 90	10.8	34
13	Assessment of Platelet Function in Traumatic Brain Injury-A Retrospective Observational Study in the Neuro-Critical Care Setting. <i>Frontiers in Neurology</i> , 2018 , 9, 15	4.1	20
12	Prehospital Intubation and Outcome in Traumatic Brain Injury-Assessing Intervention Efficacy in a Modern Trauma Cohort. <i>Frontiers in Neurology</i> , 2018 , 9, 194	4.1	9
11	A review of the clinical utility of serum S100B protein levels in the assessment of traumatic brain injury. <i>Acta Neurochirurgica</i> , 2017 , 159, 209-225	3	155
10	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. <i>Critical Care</i> , 2017 , 21, 233	10.8	58
9	Serial Sampling of Serum Protein Biomarkers for Monitoring Human Traumatic Brain Injury Dynamics: A Systematic Review. <i>Frontiers in Neurology</i> , 2017 , 8, 300	4.1	112
8	Evaluation of novel computerized tomography scoring systems in human traumatic brain injury: An observational, multicenter study. <i>PLoS Medicine</i> , 2017 , 14, e1002368	11.6	45
7	Utility of neuron-specific enolase in traumatic brain injury; relations to S100B levels, outcome, and extracranial injury severity. <i>Critical Care</i> , 2016 , 20, 285	10.8	77

6	Comparative Assessment of the Prognostic Value of Biomarkers in Traumatic Brain Injury Reveals an Independent Role for Serum Levels of Neurofilament Light. <i>PLoS ONE</i> , 2015 , 10, e0132177	3.7	88
5	Microdialysis Monitoring of CSF Parameters in Severe Traumatic Brain Injury Patients: A Novel Approach. <i>Frontiers in Neurology</i> , 2014 , 5, 159	4.1	23
4	Multivariate outcome prediction in traumatic brain injury with focus on laboratory values. <i>Journal of Neurotrauma</i> , 2012 , 29, 2613-24	5.4	21
3	Analyses of cerebral microdialysis in patients with traumatic brain injury: relations to intracranial pressure, cerebral perfusion pressure and catheter placement. <i>BMC Medicine</i> , 2011 , 9, 21	11.4	38
2	Extended analysis of early computed tomography scans of traumatic brain injured patients and relations to outcome. <i>Journal of Neurotrauma</i> , 2010 , 27, 51-64	5.4	96
1	Cerebral microdialysis of patients with severe traumatic brain injury exhibits highly individualistic patterns as visualized by cluster analysis with self-organizing maps. <i>Critical Care Medicine</i> , 2004 , 32, 2428-36	1.4	54