E Peter Thelin

List of Publications by Year
in descending order

88	2,970	172457	189892
papers	citations	29 h-index	50 g-index

94	94	94	3298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Astrocytes display cell autonomous and diverse early reactive states in familial amyotrophic lateral sclerosis. Brain, 2022, 145, 481-489.	7.6	26
2	Monthlong Intubated Patient with Life-Threatening COVID-19 and Cerebral Microbleeds Suffers Only Mild Cognitive Sequelae at 8-Month Follow-up: A Case Report. Archives of Clinical Neuropsychology, 2022, 37, 531-543.	0.5	4
3	Focally administered succinate improves cerebral metabolism in traumatic brain injury patients with mitochondrial dysfunction. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 39-55.	4.3	17
4	Extended Analysis of Axonal Injuries Detected Using Magnetic Resonance Imaging in Critically Ill Traumatic Brain Injury Patients. Journal of Neurotrauma, 2022, 39, 58-66.	3.4	5
5	Meso-scale network analysis of resting state-fMRI brain network connectivity performs poorly as a prognostic tool in critically ill traumatic brain injury patients. NeuroImage Reports, 2022, 2, 100079.	1.0	1
6	Clinical Significance of Vascular Occlusive Events following Moderate-to-Severe Traumatic Brain Injury: An Observational Cohort Study. Seminars in Thrombosis and Hemostasis, 2022, , .	2.7	1
7	Proteomic profiles in cerebrospinal fluid predicted death and disability in term infants with perinatal asphyxia: a pilot study. Acta Paediatrica, International Journal of Paediatrics, 2022, , .	1.5	2
8	Dynamic prediction of mortality after traumatic brain injury using a machine learning algorithm. Npj Digital Medicine, 2022, 5, .	10.9	14
9	Time Course of Hemostatic Disruptions After Traumatic Brain Injury: A Systematic Review of the Literature. Neurocritical Care, 2021, 34, 635-656.	2.4	26
10	Cerebrospinal fluid brevican and neurocan fragment patterns in human traumatic brain injury. Clinica Chimica Acta, 2021, 512, 74-83.	1.1	8
11	Inflammation, Neurovascular Clearance and Associated Pathologies: A Translational Review Focusing on Traumatic Brain Injury. , 2021, , 90-96.		0
12	Predictors of brain infarction in adult patients on extracorporeal membrane oxygenation: an observational cohort study. Scientific Reports, 2021, 11, 3809.	3.3	16
13	Fluid proteomics of CSF and serum reveal important neuroinflammatory proteins in bloodâ€“brain barrier disruption and outcome prediction following severe traumatic brain injury: a prospective, observational study. Critical Care, 2021, 25, 103.	5.8	31
14	Complex Autoantibody Responses Occur following Moderate to Severe Traumatic Brain Injury. Journal of Immunology, 2021, 207, 90-100.	0.8	24
15	Integrative Neuroinformatics for Precision Prognostication and Personalized Therapeutics in Moderate and Severe Traumatic Brain Injury. Frontiers in Neurology, 2021, 12, 729184.	2.4	13
16	Systemic inflammation alters the neuroinflammatory response: a prospective clinical trial in traumatic brain injury. Journal of Neuroinflammation, 2021, 18, 221.	7.2	16
17	Comparison of high versus low frequency cerebral physiology for cerebrovascular reactivity assessment in traumatic brain injury: a multi-center pilot study. Journal of Clinical Monitoring and Computing, 2020, 34, 971-994.	1.6	22
18	Dextran 500 Improves Recovery of Inflammatory Markers: An In Vitro Microdialysis Study. Journal of Neurotrauma, 2020, 37, 106-114.	3.4	8

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19	Delineating Astrocytic Cytokine Responses in a Human Stem Cell Model of Neural Trauma. Journal of Neurotrauma, 2020, 37, 93-105.	3.4	16
20	Continuous Near-infrared Spectroscopy Monitoring in Adult Traumatic Brain Injury: A Systematic Review. Journal of Neurosurgical Anesthesiology, 2020, 32, 288-299.	1.2	40
21	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.	3.4	50
22	Dynamics of cerebrospinal fluid levels of matrix metalloproteinases in human traumatic brain injury. Scientific Reports, 2020, 10, 18075.	3.3	19
23	Human stem cell-derived astrocytes exhibit region-specific heterogeneity in their secretory profiles. Brain, 2020, 143, e85-e85.	7.6	7
24	Trial of Dexamethasone for Chronic Subdural Hematoma. New England Journal of Medicine, 2020, 383, 2616-2627.	27.0	139
25	Cellular infiltration in traumatic brain injury. Journal of Neuroinflammation, 2020, 17, 328.	7.2	119
26	Alternative continuous intracranial pressure-derived cerebrovascular reactivity metrics in traumatic brain injury: a scoping overview. Acta Neurochirurgica, 2020, 162, 1647-1662.	1.7	17
27	Influence of Bloodâ€“Brain Barrier Integrity on Brain Protein Biomarker Clearance in Severe Traumatic Brain Injury: A Longitudinal Prospective Study. Journal of Neurotrauma, 2020, 37, 1381-1391.	3.4	46
28	Delayed Neurosurgical Intervention in Traumatic Brain Injury Patients Referred From Primary Hospitals Is Not Associated With an Unfavorable Outcome. Frontiers in Neurology, 2020, 11, 610192.	2.4	3
29	Serum Protein Biomarkers in the Management of Severe Traumatic Brain Injury. , 2020, , 343-355.		0
30	Prognostic performance of computerized tomography scoring systems in civilian penetrating traumatic brain injury: an observational study. Acta Neurochirurgica, 2019, 161, 2467-2478.	1.7	8
31	Head trauma in sports and risk for dementia. Journal of Internal Medicine, 2019, 285, 591-593.	6.0	3
32	Serial S100B Sampling Detects Intracranial Lesion Development in Patients on Extracorporeal Membrane Oxygenation. Frontiers in Neurology, 2019, 10, 512.	2.4	9
33	A Serum Protein Biomarker Panel Improves Outcome Prediction in Human Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 2850-2862.	3.4	129
34	Treatments and rehabilitation in the acute and chronic state of traumatic brain injury. Journal of Internal Medicine, 2019, 285, 608-623.	6.0	48
35	Modelling human pathology of traumatic brain injury in animal models. Journal of Internal Medicine, 2019, 285, 594-607.	6.0	22
36	Dex-CSDH randomised, placebo-controlled trial of dexamethasone for chronic subdural haematoma: report of the internal pilot phase. Scientific Reports, 2019, 9, 5885.	3.3	10

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37	Dynamics of extracellular matrix proteins in cerebrospinal fluid and serum and their relation to clinical outcome in human traumatic brain injury. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1565-1573.	2.3	11
38	TP1-4â€…In vitro induced cytokine response of astrocytes modelling conditions in human traumatic brain injury. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, e11.1-e11.	1.9	0
39	TP1-3â€…Final phase of recruitment and statistics analysis plan for Dex-CSDH trial. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, e10.4-e11.	1.9	0
40	Statistical analysis plan for the Dex-CSDH trial: a randomised, double-blind, placebo-controlled trial of a 2-week course of dexamethasone for adult patients with a symptomatic chronic subdural haematoma. Trials, 2019, 20, 698.	1.6	7
41	The Role of Glycerol-Containing Drugs in Cerebral Microdialysis: A Retrospective Study on the Effects of Intravenously Administered Glycerol. Neurocritical Care, 2019, 30, 590-600.	2.4	2
42	Continuous Thermal Diffusion-Based Cerebral Blood Flow Monitoring in Adult Traumatic Brain Injury: A Scoping Systematic Review. Journal of Neurotrauma, 2019, 36, 1707-1723.	3.4	12
43	Genetic drivers of cerebral blood flow dysfunction in TBI: a speculative synthesis. Nature Reviews Neurology, 2019, 15, 25-39.	10.1	33
44	CNS Regeneration in Nerve Grafts: Practical Aspects of Complete Thoracic Spinal Cord Injury in Rodents. Neuromethods, 2019, , 187-198.	0.3	0
45	Secondary Insults in Experimental Traumatic Brain Injury: The Addition of Hypoxia. Neuromethods, 2019, , 223-242.	0.3	1
46	Extracellular vesicles: pathogenetic, diagnostic and therapeutic value in traumatic brain injury. Expert Review of Proteomics, 2018, 15, 451-461.	3.0	34
47	Intracranial and Extracranial Injury Burden as Drivers of Impaired Cerebrovascular Reactivity in Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 1569-1577.	3.4	29
48	Protein profiling in serum after traumatic brain injury in rats reveals potential injury markers. Behavioural Brain Research, 2018, 340, 71-80.	2.2	32
49	Elucidating Pro-Inflammatory Cytokine Responses after Traumatic Brain Injury in a Human Stem Cell Model. Journal of Neurotrauma, 2018, 35, 341-352.	3.4	37
50	Dexamethasone for adult patients with a symptomatic chronic subdural haematoma (Dex-CSDH) trial: study protocol for a randomised controlled trial. Trials, 2018, 19, 670.	1.6	37
51	Incidence, Outcome, and Predictors of Intracranial Hemorrhage in Adult Patients on Extracorporeal Membrane Oxygenation: A Systematic and Narrative Review. Frontiers in Neurology, 2018, 9, 548.	2.4	64
52	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.	3.3	43
53	Assessment of Platelet Function in Traumatic Brain Injuryâ€”A Retrospective Observational Study in the Neuro-Critical Care Setting. Frontiers in Neurology, 2018, 9, 15.	2.4	29
54	Editorial: Monitoring Pathophysiology in the Injured Brain. Frontiers in Neurology, 2018, 9, 193.	2.4	0

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55	Prehospital Intubation and Outcome in Traumatic Brain Injuryâ€"Assessing Intervention Efficacy in a Modern Trauma Cohort. Frontiers in Neurology, 2018, 9, 194.	2.4	15
56	Microdialysis Monitoring in Clinical Traumatic Brain Injury and Its Role in Neuroprotective Drug Development. AAPS Journal, 2017, 19, 367-376.	4.4	32
57	Î²-Blocker after severe traumatic brain injury is associated with better long-term functional outcome: a matched case control study. European Journal of Trauma and Emergency Surgery, 2017, 43, 783-789.	1.7	27
58	A review of the clinical utility of serum S100B protein levels in the assessment of traumatic brain injury. Acta Neurochirurgica, 2017, 159, 209-225.	1.7	220
59	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.	1.7	53
60	Health-Related Quality of Life Dynamics 2 Years Following Aneurysmal Subarachnoid Hemorrhage: A Prospective Cohort Study Using EQ-5D. Neurosurgery, 2017, 81, 650-658.	1.1	10
61	Predictors of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation: an observational cohort study. Journal of Intensive Care, 2017, 5, 27.	2.9	77
62	Serial Sampling of Serum Protein Biomarkers for Monitoring Human Traumatic Brain Injury Dynamics: A Systematic Review. Frontiers in Neurology, 2017, 8, 300.	2.4	185
63	Cerebrospinal Fluid and Microdialysis Cytokines in Severe Traumatic Brain Injury: A Scoping Systematic Review. Frontiers in Neurology, 2017, 8, 331.	2.4	51
64	Monitoring the Neuroinflammatory Response Following Acute Brain Injury. Frontiers in Neurology, 2017, 8, 351.	2.4	85
65	Cerebrospinal Fluid and Microdialysis Cytokines in Aneurysmal Subarachnoid Hemorrhage: A Scoping Systematic Review. Frontiers in Neurology, 2017, 8, 379.	2.4	27
66	Cerebral autoregulation monitoring in acute traumatic brain injury: what's the evidence?. Minerva Anestesiologica, 2017, 83, 844-857.	1.0	21
67	Management of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation (ECMO): An observational cohort study. PLoS ONE, 2017, 12, e0190365.	2.5	38
68	Evaluation of novel computerized tomography scoring systems in human traumatic brain injury: An observational, multicenter study. PLoS Medicine, 2017, 14, e1002368.	8.4	74
69	Lesion Size Is Exacerbated in Hypoxic Rats Whereas Hypoxia-Inducible Factor-1 Alpha and Vascular Endothelial Growth Factor Increase in Injured Normoxic Rats: A Prospective Cohort Study of Secondary Hypoxia in Focal Traumatic Brain Injury. Frontiers in Neurology, 2016, 7, 23.	2.4	26
70	A Review of the Segmental Diameter of the Healthy Human Spinal Cord. Frontiers in Neurology, 2016, 7, 238.	2.4	57
71	Kinetic modelling of serum S100b after traumatic brain injury. BMC Neurology, 2016, 16, 93.	1.8	69
72	Positive blood alcohol level in severe traumatic brain injury is associated with better long-term functional outcome. Brain Injury, 2016, 30, 1256-1260.	1.2	11

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73	Experimental Models Combining Traumatic Brain Injury and Hypoxia. Methods in Molecular Biology, 2016, 1462, 459-479.	0.9	5
74	Functional resting-state fMRI connectivity correlates with serum levels of the S100B protein in the acute phase of traumatic brain injury. NeuroImage: Clinical, 2016, 12, 1004-1012.	2.7	52
75	Utility of neuron-specific enolase in traumatic brain injury; relations to S100B levels, outcome, and extracranial injury severity. Critical Care, 2016, 20, 285.	5.8	116
76	Assessing bicycle-related trauma using the biomarker S100B reveals a correlation with total injury severity. European Journal of Trauma and Emergency Surgery, 2016, 42, 617-625.	1.7	23
77	Neuron-Specific Enolase Is Correlated to Compromised Cerebral Metabolism in Patients Suffering from Acute Bacterial Meningitis; An Observational Cohort Study. PLoS ONE, 2016, 11, e0152268.	2.5	16
78	Positive Serum Ethanol in Severe Traumatic Brain Injury is Associated with Better Long-Term Functional Outcomes. Journal of the American College of Surgeons, 2015, 221, S97.	0.5	0
79	Biochemical Response to Hyperbaric Oxygen Treatment of a Transhemispheric Penetrating Cerebral Gunshot Injury. Frontiers in Neurology, 2015, 6, 62.	2.4	4
80	The Effect of Î²â€blockade on Survival After Isolated Severe Traumatic Brain Injury. World Journal of Surgery, 2015, 39, 2076-2083.	1.6	29
81	Comparative Assessment of the Prognostic Value of Biomarkers in Traumatic Brain Injury Reveals an Independent Role for Serum Levels of Neurofilament Light. PLoS ONE, 2015, 10, e0132177.	2.5	114
82	Microdialysis Monitoring of CSF Parameters in Severe Traumatic Brain Injury Patients: A Novel Approach. Frontiers in Neurology, 2014, 5, 159.	2.4	29
83	Secondary Peaks of S100B in Serum Relate to Subsequent Radiological Pathology in Traumatic Brain Injury. Neurocritical Care, 2014, 20, 217-229.	2.4	87
84	S100B Is an Important Outcome Predictor in Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 519-528.	3.4	115
85	In Response to Comments Made in â€œS100B Protein and Chronic Subdural Hematomaâ€• Frontiers in Neurology, 2013, 4, 26.	2.4	0
86	Case Report: Extreme Levels of Serum S-100B in a Patient with Chronic Subdural Hematoma. Frontiers in Neurology, 2012, 3, 170.	2.4	5
87	The rise and decline of serum S100B in traumatic brain injury in humans with focus on the temporal profile and correlation to outcome. Frontiers in Neurology, 0, 1, .	2.4	0
88	The cerebrospinal fluid proteome of preterm infants predicts neurodevelopmental outcome. Frontiers in Pediatrics, 0, 10, .	1.9	1