

E Peter Thelin

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,970
citations

172457

29
h-index

189892

50
g-index

94
all docs

94
docs citations

94
times ranked

3298
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	220
2	Serial Sampling of Serum Protein Biomarkers for Monitoring Human Traumatic Brain Injury Dynamics: A Systematic Review. <i>Frontiers in Neurology</i> , 2017, 8, 300.	2.4	185
3	Trial of Dexamethasone for Chronic Subdural Hematoma. <i>New England Journal of Medicine</i> , 2020, 383, 2616-2627.	27.0	139
4	A Serum Protein Biomarker Panel Improves Outcome Prediction in Human Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2850-2862.	3.4	129
5	Cellular infiltration in traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2020, 17, 328.	7.2	119
6	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.	5.8	116
7	S100B Is an Important Outcome Predictor in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 519-528.	3.4	115
8	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.	2.5	114
9	Secondary Peaks of S100B in Serum Relate to Subsequent Radiological Pathology in Traumatic Brain Injury. <i>Neurocritical Care</i> , 2014, 20, 217-229.	2.4	87
10	Monitoring the Neuroinflammatory Response Following Acute Brain Injury. <i>Frontiers in Neurology</i> , 2017, 8, 351.	2.4	85
11	Predictors of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation: an observational cohort study. <i>Journal of Intensive Care</i> , 2017, 5, 27.	2.9	77
12	Evaluation of novel computerized tomography scoring systems in human traumatic brain injury: An observational, multicenter study. <i>PLoS Medicine</i> , 2017, 14, e1002368.	8.4	74
13	Kinetic modelling of serum S100b after traumatic brain injury. <i>BMC Neurology</i> , 2016, 16, 93.	1.8	69
14	Incidence, Outcome, and Predictors of Intracranial Hemorrhage in Adult Patients on Extracorporeal Membrane Oxygenation: A Systematic and Narrative Review. <i>Frontiers in Neurology</i> , 2018, 9, 548.	2.4	64
15	A Review of the Segmental Diameter of the Healthy Human Spinal Cord. <i>Frontiers in Neurology</i> , 2016, 7, 238.	2.4	57
16	A systematic review of cerebral microdialysis and outcomes in TBI: relationships to patient functional outcome, neurophysiologic measures, and tissue outcome. <i>Acta Neurochirurgica</i> , 2017, 159, 2245-2273.	1.7	53
17	Functional resting-state fMRI connectivity correlates with serum levels of the S100B protein in the acute phase of traumatic brain injury. <i>NeuroImage: Clinical</i> , 2016, 12, 1004-1012.	2.7	52
18	Cerebrospinal Fluid and Microdialysis Cytokines in Severe Traumatic Brain Injury: A Scoping Systematic Review. <i>Frontiers in Neurology</i> , 2017, 8, 331.	2.4	51

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19	Association between Cerebrovascular Reactivity Monitoring and Mortality Is Preserved When Adjusting for Baseline Admission Characteristics in Adult Traumatic Brain Injury: A CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1233-1241.	3.4	50
20	Treatments and rehabilitation in the acute and chronic state of traumatic brain injury. <i>Journal of Internal Medicine</i> , 2019, 285, 608-623.	6.0	48
21	Influence of Bloodâ€“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.	3.4	46
22	The effect of succinate on brain NADH/NAD+ redox state and high energy phosphate metabolism in acute traumatic brain injury. <i>Scientific Reports</i> , 2018, 8, 11140.	3.3	43
23	Continuous Near-infrared Spectroscopy Monitoring in Adult Traumatic Brain Injury: A Systematic Review. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 288-299.	1.2	40
24	Management of intracranial hemorrhage in adult patients on extracorporeal membrane oxygenation (ECMO): An observational cohort study. <i>PLoS ONE</i> , 2017, 12, e0190365.	2.5	38
25	Elucidating Pro-Inflammatory Cytokine Responses after Traumatic Brain Injury in a Human Stem Cell Model. <i>Journal of Neurotrauma</i> , 2018, 35, 341-352.	3.4	37
26	Dexamethasone for adult patients with a symptomatic chronic subdural haematoma (Dex-CSDH) trial: study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 670.	1.6	37
27	Extracellular vesicles: pathogenetic, diagnostic and therapeutic value in traumatic brain injury. <i>Expert Review of Proteomics</i> , 2018, 15, 451-461.	3.0	34
28	Genetic drivers of cerebral blood flow dysfunction in TBI: a speculative synthesis. <i>Nature Reviews Neurology</i> , 2019, 15, 25-39.	10.1	33
29	Microdialysis Monitoring in Clinical Traumatic Brain Injury and Its Role in Neuroprotective Drug Development. <i>AAPS Journal</i> , 2017, 19, 367-376.	4.4	32
30	Protein profiling in serum after traumatic brain injury in rats reveals potential injury markers. <i>Behavioural Brain Research</i> , 2018, 340, 71-80.	2.2	32
31	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. <i>Critical Care</i> , 2021, 25, 103.	5.8	31
32	Microdialysis Monitoring of CSF Parameters in Severe Traumatic Brain Injury Patients: A Novel Approach. <i>Frontiers in Neurology</i> , 2014, 5, 159.	2.4	29
33	The Effect of Î²-blockade on Survival After Isolated Severe Traumatic Brain Injury. <i>World Journal of Surgery</i> , 2015, 39, 2076-2083.	1.6	29
34	Intracranial and Extracranial Injury Burden as Drivers of Impaired Cerebrovascular Reactivity in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1569-1577.	3.4	29
35	Assessment of Platelet Function in Traumatic Brain Injuryâ€“A Retrospective Observational Study in the Neuro-Critical Care Setting. <i>Frontiers in Neurology</i> , 2018, 9, 15.	2.4	29
36	Î²-Blocker after severe traumatic brain injury is associated with better long-term functional outcome: a matched case control study. <i>European Journal of Trauma and Emergency Surgery</i> , 2017, 43, 783-789.	1.7	27

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37	Cerebrospinal Fluid and Microdialysis Cytokines in Aneurysmal Subarachnoid Hemorrhage: A Scoping Systematic Review. <i>Frontiers in Neurology</i> , 2017, 8, 379.	2.4	27
38	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. <i>Frontiers in Neurology</i> , 2016, 7, 23.	2.4	26
39	Time Course of Hemostatic Disruptions After Traumatic Brain Injury: A Systematic Review of the Literature. <i>Neurocritical Care</i> , 2021, 34, 635-656.	2.4	26
40	Astrocytes display cell autonomous and diverse early reactive states in familial amyotrophic lateral sclerosis. <i>Brain</i> , 2022, 145, 481-489.	7.6	26
41	Complex Autoantibody Responses Occur following Moderate to Severe Traumatic Brain Injury. <i>Journal of Immunology</i> , 2021, 207, 90-100.	0.8	24
42	Assessing bicycle-related trauma using the biomarker S100B reveals a correlation with total injury severity. <i>European Journal of Trauma and Emergency Surgery</i> , 2016, 42, 617-625.	1.7	23
43	Modelling human pathology of traumatic brain injury in animal models. <i>Journal of Internal Medicine</i> , 2019, 285, 594-607.	6.0	22
44	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.	1.6	22
45	Cerebral autoregulation monitoring in acute traumatic brain injury: what's the evidence?. <i>Minerva Anestesiologica</i> , 2017, 83, 844-857.	1.0	21
46	Dynamics of cerebrospinal fluid levels of matrix metalloproteinases in human traumatic brain injury. <i>Scientific Reports</i> , 2020, 10, 18075.	3.3	19
47	Alternative continuous intracranial pressure-derived cerebrovascular reactivity metrics in traumatic brain injury: a scoping overview. <i>Acta Neurochirurgica</i> , 2020, 162, 1647-1662.	1.7	17
48	Focally administered succinate improves cerebral metabolism in traumatic brain injury patients with mitochondrial dysfunction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 39-55.	4.3	17
49	Delineating Astrocytic Cytokine Responses in a Human Stem Cell Model of Neural Trauma. <i>Journal of Neurotrauma</i> , 2020, 37, 93-105.	3.4	16
50	Predictors of brain infarction in adult patients on extracorporeal membrane oxygenation: an observational cohort study. <i>Scientific Reports</i> , 2021, 11, 3809.	3.3	16
51	Systemic inflammation alters the neuroinflammatory response: a prospective clinical trial in traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 221.	7.2	16
52	Neuron-Specific Enolase Is Correlated to Compromised Cerebral Metabolism in Patients Suffering from Acute Bacterial Meningitis; An Observational Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0152268.	2.5	16
53	Prehospital Intubation and Outcome in Traumatic Brain Injury—Assessing Intervention Efficacy in a Modern Trauma Cohort. <i>Frontiers in Neurology</i> , 2018, 9, 194.	2.4	15
54	Dynamic prediction of mortality after traumatic brain injury using a machine learning algorithm. <i>Npj Digital Medicine</i> , 2022, 5, .	10.9	14

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55	Integrative Neuroinformatics for Precision Prognostication and Personalized Therapeutics in Moderate and Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2021, 12, 729184.	2.4	13
56	Continuous Thermal Diffusion-Based Cerebral Blood Flow Monitoring in Adult Traumatic Brain Injury: A Scoping Systematic Review. <i>Journal of Neurotrauma</i> , 2019, 36, 1707-1723.	3.4	12
57	Positive blood alcohol level in severe traumatic brain injury is associated with better long-term functional outcome. <i>Brain Injury</i> , 2016, 30, 1256-1260.	1.2	11
58	Dynamics of extracellular matrix proteins in cerebrospinal fluid and serum and their relation to clinical outcome in human traumatic brain injury. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1565-1573.	2.3	11
59	Health-Related Quality of Life Dynamics 2 Years Following Aneurysmal Subarachnoid Hemorrhage: A Prospective Cohort Study Using EQ-5D. <i>Neurosurgery</i> , 2017, 81, 650-658.	1.1	10
60	Dex-CSDH randomised, placebo-controlled trial of dexamethasone for chronic subdural haematoma: report of the internal pilot phase. <i>Scientific Reports</i> , 2019, 9, 5885.	3.3	10
61	Serial S100B Sampling Detects Intracranial Lesion Development in Patients on Extracorporeal Membrane Oxygenation. <i>Frontiers in Neurology</i> , 2019, 10, 512.	2.4	9
62	Prognostic performance of computerized tomography scoring systems in civilian penetrating traumatic brain injury: an observational study. <i>Acta Neurochirurgica</i> , 2019, 161, 2467-2478.	1.7	8
63	Dextran 500 Improves Recovery of Inflammatory Markers: An <i>In Vitro</i> Microdialysis Study. <i>Journal of Neurotrauma</i> , 2020, 37, 106-114.	3.4	8
64	Cerebrospinal fluid brevicin and neurocan fragment patterns in human traumatic brain injury. <i>Clinica Chimica Acta</i> , 2021, 512, 74-83.	1.1	8
65	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. <i>Trials</i> , 2019, 20, 698.	1.6	7
66	Human stem cell-derived astrocytes exhibit region-specific heterogeneity in their secretory profiles. <i>Brain</i> , 2020, 143, e85-e85.	7.6	7
67	Case Report: Extreme Levels of Serum S-100B in a Patient with Chronic Subdural Hematoma. <i>Frontiers in Neurology</i> , 2012, 3, 170.	2.4	5
68	Experimental Models Combining Traumatic Brain Injury and Hypoxia. <i>Methods in Molecular Biology</i> , 2016, 1462, 459-479.	0.9	5
69	Extended Analysis of Axonal Injuries Detected Using Magnetic Resonance Imaging in Critically Ill Traumatic Brain Injury Patients. <i>Journal of Neurotrauma</i> , 2022, 39, 58-66.	3.4	5
70	Biochemical Response to Hyperbaric Oxygen Treatment of a Transhemispheric Penetrating Cerebral Gunshot Injury. <i>Frontiers in Neurology</i> , 2015, 6, 62.	2.4	4
71	Monthlong Intubated Patient with Life-Threatening COVID-19 and Cerebral Microbleeds Suffers Only Mild Cognitive Sequelae at 8-Month Follow-up: A Case Report. <i>Archives of Clinical Neuropsychology</i> , 2022, 37, 531-543.	0.5	4
72	Head trauma in sports and risk for dementia. <i>Journal of Internal Medicine</i> , 2019, 285, 591-593.	6.0	3

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73	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.	2.4	3
74	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.	2.4	2
75	Proteomic profiles in cerebrospinal fluid predicted death and disability in term infants with perinatal asphyxia: a pilot study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, , .	1.5	2
76	Secondary Insults in Experimental Traumatic Brain Injury: The Addition of Hypoxia. <i>Neuromethods</i> , 2019, , 223-242.	0.3	1
77	Meso-scale network analysis of resting state-fMRI brain network connectivity performs poorly as a prognostic tool in critically ill traumatic brain injury patients. <i>NeuroImage Reports</i> , 2022, 2, 100079.	1.0	1
78	Clinical Significance of Vascular Occlusive Events following Moderate-to-Severe Traumatic Brain Injury: An Observational Cohort Study. <i>Seminars in Thrombosis and Hemostasis</i> , 2022, , .	2.7	1
79	The cerebrospinal fluid proteome of preterm infants predicts neurodevelopmental outcome. <i>Frontiers in Pediatrics</i> , 0, 10, .	1.9	1
80	In Response to Comments Made in "S100B Protein and Chronic Subdural Hematoma". <i>Frontiers in Neurology</i> , 2013, 4, 26.	2.4	0
81	Positive Serum Ethanol in Severe Traumatic Brain Injury is Associated with Better Long-Term Functional Outcomes. <i>Journal of the American College of Surgeons</i> , 2015, 221, S97.	0.5	0
82	Editorial: Monitoring Pathophysiology in the Injured Brain. <i>Frontiers in Neurology</i> , 2018, 9, 193.	2.4	0
83	TP1-4...In vitro induced cytokine response of astrocytes modelling conditions in human traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, e11.1-e11.	1.9	0
84	TP1-3...Final phase of recruitment and statistics analysis plan for Dex-CSDH trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, e10.4-e11.	1.9	0
85	Inflammation, Neurovascular Clearance and Associated Pathologies: A Translational Review Focusing on Traumatic Brain Injury. , 2021, , 90-96.		0
86	The rise and decline of serum S100B in traumatic brain injury in humans with focus on the temporal profile and correlation to outcome. <i>Frontiers in Neurology</i> , 0, 1, .	2.4	0
87	CNS Regeneration in Nerve Grafts: Practical Aspects of Complete Thoracic Spinal Cord Injury in Rodents. <i>Neuromethods</i> , 2019, , 187-198.	0.3	0
88	Serum Protein Biomarkers in the Management of Severe Traumatic Brain Injury. , 2020, , 343-355.		0