

Inflammation and Neuroprotection in Traumatic Brain

JAMA Neurology

72, 355

DOI: [10.1001/jamaneurol.2014.3558](https://doi.org/10.1001/jamaneurol.2014.3558)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Mild Traumatic Brain Injury and Attention-Deficit Hyperactivity Disorder in Young Student Athletes. <i>Journal of Nervous and Mental Disease</i> , 2015, 203, 813-819.	0.5	60
2	A Review of Neuroimaging Findings in Repetitive Brain Trauma. <i>Brain Pathology</i> , 2015, 25, 318-349.	2.1	107
3	Low serum ficolin-3 levels are associated with severity and poor outcome in traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2015, 12, 226.	3.1	19
4	Traumatic brain injury. <i>Current Opinion in Neurology</i> , 2015, 28, 565-573.	1.8	47
5	Blood Biomarkers in Moderate-To-Severe Traumatic Brain Injury: Potential Utility of a Multi-Marker Approach in Characterizing Outcome. <i>Frontiers in Neurology</i> , 2015, 6, 110.	1.1	83
6	Cathepsin B is a New Drug Target for Traumatic Brain Injury Therapeutics: Evidence for E64d as a Promising Lead Drug Candidate. <i>Frontiers in Neurology</i> , 2015, 6, 178.	1.1	76
7	Microglial Kv1.3 Channels and P2Y12 Receptors Differentially Regulate Cytokine and Chemokine Release from Brain Slices of Young Adult and Aged Mice. <i>PLoS ONE</i> , 2015, 10, e0128463.	1.1	42
8	Early Dynamics of Cerebrospinal CD14+ Monocytes and CD15+ Granulocytes in Patients after Severe Traumatic Brain Injury: A Cohort Study. <i>Mediators of Inflammation</i> , 2015, 2015, 1-7.	1.4	1
9	Lipocalin-2 in the Inflammatory Activation of Brain Astrocytes. <i>Critical Reviews in Immunology</i> , 2015, 35, 77-84.	1.0	57
10	Risk of Coronary Artery Disease in Patients With Traumatic Intracranial Hemorrhage. <i>Medicine (United States)</i> , 2015, 94, 100-104.	0.784314	3
11	Neural tissue regeneration in experimental brain injury model with channeled scaffolds of acrylate copolymers. <i>Neuroscience Letters</i> , 2015, 598, 96-101.	1.0	6
12	Peripheral Total Tau in Military Personnel Who Sustain Traumatic Brain Injuries During Deployment. <i>JAMA Neurology</i> , 2015, 72, 1109.	4.5	152
13	Clinical implications of leukocyte infiltration at the choroid plexus in (neuro)inflammatory disorders. <i>Drug Discovery Today</i> , 2015, 20, 928-941.	3.2	52
14	Elucidation of monocyte/macrophage dynamics and function by intravital imaging. <i>Journal of Leukocyte Biology</i> , 2015, 98, 319-332.	1.5	34
15	Stress sounds the alarmin: The role of the danger-associated molecular pattern HMGB1 in stress-induced neuroinflammatory priming. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 1-7.	2.0	178
16	Immune Surveillance of the CNS following Infection and Injury. <i>Trends in Immunology</i> , 2015, 36, 637-650.	2.9	143
17	Cannabinoids in Neurodegenerative Disorders and Stroke/Brain Trauma: From Preclinical Models to Clinical Applications. <i>Neurotherapeutics</i> , 2015, 12, 793-806.	2.1	108
18	Oxidation-Reduction Potential as a Biomarker for Severity and Acute Outcome in Traumatic Brain Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	27

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19	ATP Induces Disruption of Tight Junction Proteins via IL-1 Beta-Dependent MMP-9 Activation of Human Blood-Brain Barrier <i>In Vitro</i> . <i>Neural Plasticity</i> , 2016, 2016, 1-12.	1.0	56
20	Emerging Roles for the Immune System in Traumatic Brain Injury. <i>Frontiers in Immunology</i> , 2016, 7, 556.	2.2	198
21	Older Age Results in Differential Gene Expression after Mild Traumatic Brain Injury and Is Linked to Imaging Differences at Acute Follow-up. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 168.	1.7	22
22	Neuroimaging Assessment of Cerebrovascular Reactivity in Concussion: Current Concepts, Methodological Considerations, and Review of the Literature. <i>Frontiers in Neurology</i> , 2016, 7, 61.	1.1	76
23	Neurovascular and Immuno-Imaging: From Mechanisms to Therapies. Proceedings of the Inaugural Symposium. <i>Frontiers in Neuroscience</i> , 2016, 10, 46.	1.4	3
24	Combined [18F]DPA-714 micro-positron emission tomography and autoradiography imaging of microglia activation after closed head injury in mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 140.	3.1	59
25	Distinct Contributions of Astrocytes and Pericytes to Neuroinflammation Identified in a 3D Human Blood-Brain Barrier on a Chip. <i>PLoS ONE</i> , 2016, 11, e0150360.	1.1	335
26	Dynamic Profiling: Modeling the Dynamics of Inflammation and Predicting Outcomes in Traumatic Brain Injury Patients. <i>Frontiers in Pharmacology</i> , 2016, 7, 383.	1.6	13
27	Resolution of Concussion Symptoms After Osteopathic Manipulative Treatment: A Case Report. <i>Journal of Osteopathic Medicine</i> , 2016, 116, e13-e17.	0.4	15
28	Post-ischemic salubrinal treatment results in a neuroprotective role in global cerebral ischemia. <i>Journal of Neurochemistry</i> , 2016, 138, 295-306.	2.1	35
29	Systematic Review of Traumatic Brain Injury and the Impact of Antioxidant Therapy on Clinical Outcomes. <i>Worldviews on Evidence-Based Nursing</i> , 2016, 13, 380-389.	1.2	44
30	EphB3 signaling propagates synaptic dysfunction in the traumatic injured brain. <i>Neurobiology of Disease</i> , 2016, 94, 73-84.	2.1	27
31	Brain trauma elicits non-canonical macrophage activation states. <i>Journal of Neuroinflammation</i> , 2016, 13, 117.	3.1	127
32	Rhein and rhubarb similarly protect the blood-brain barrier after experimental traumatic brain injury via gp91phox subunit of NADPH oxidase/ROS/ERK/MMP-9 signaling pathway. <i>Scientific Reports</i> , 2016, 6, 37098.	1.6	45
33	Mapping the Connectome Following Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 44.	2.0	33
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35	Protective effects of PARP inhibitor, PJ34, is related to down-regulation of calpain and NF- κ B in a mouse model of TBI. <i>Brain Injury</i> , 2016, , 1-11.	0.6	3
36	Hydroxysafflor yellow A exerts antioxidant effects in a rat model of traumatic brain injury. <i>Molecular Medicine Reports</i> , 2016, 14, 3690-3696.	1.1	47

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37	Differential regulation of NSC phenotype and genotype by chronically activated microglia within cocultures. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 1145-1157.	0.6	7
38	Neurogenic inflammation after traumatic brain injury and its potentiation of classical inflammation. <i>Journal of Neuroinflammation</i> , 2016, 13, 264.	3.1	235
39	A potential role for glia-derived extracellular matrix remodeling in postinjury epilepsy. <i>Journal of Neuroscience Research</i> , 2016, 94, 794-803.	1.3	33
40	Inflammatory neuroprotection following traumatic brain injury. <i>Science</i> , 2016, 353, 783-785.	6.0	297
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48	Neuroinflammation: the devil is in the details. <i>Journal of Neurochemistry</i> , 2016, 139, 136-153.	2.1	915
49	Vascular-directed responses of microglia produced by methamphetamine exposure: indirect evidence that microglia are involved in vascular repair?. <i>Journal of Neuroinflammation</i> , 2016, 13, 64.	3.1	21
50	Effects of Hyperbaric Oxygen Therapy on Inflammasome Signaling after Traumatic Brain Injury. <i>NeuroImmunoModulation</i> , 2016, 23, 122-129.	0.9	19
51	Inflammatory mediators in human epilepsy: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 63, 177-190.	2.9	203
52	Human neural progenitor cells in central nervous system lesions. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 31, 69-81.	1.4	7
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54	Change of serum levels of thioredoxin in patients with severe traumatic brain injury. <i>Clinica Chimica Acta</i> , 2016, 453, 62-66.	0.5	12

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59	Bexarotene protects against traumatic brain injury in mice partially through apolipoprotein E. <i>Neuroscience</i> , 2017, 343, 434-448.	1.1	46
60	Upregulation of 3-MST Relates to Neuronal Autophagy After Traumatic Brain Injury in Mice. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 291-302.	1.7	26
61	The use of antioxidants in the treatment of traumatic brain injury. <i>Journal of Advanced Nursing</i> , 2017, 73, 1331-1338.	1.5	18
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63	The P2X7 receptor links mechanical strain to cytokine IL-6 upregulation and release in neurons and astrocytes. <i>Journal of Neurochemistry</i> , 2017, 141, 436-448.	2.1	40
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65	Age modulates the injury-induced metallomic profile in the brain. <i>Metallomics</i> , 2017, 9, 402-410.	1.0	21
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68	Interleukin-33 Promotes Recruitment of Microglia/Macrophages in Response to Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3173-3182.	1.7	45
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70	Rhein exhibits antioxidative effects similar to Rhubarb in a rat model of traumatic brain injury. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 140.	3.7	33
71	Severe traumatic brain injury: targeted management in the intensive care unit. <i>Lancet Neurology</i> , The, 2017, 16, 452-464.	4.9	277
72	Intestinal microbial dysbiosis aggravates the progression of Alzheimer's disease in <i>Drosophila</i> . <i>Nature Communications</i> , 2017, 8, 24.	5.8	181

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74	Early heparin administration after traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 406-412.	1.1	19
75	Sexual dimorphism in the inflammatory response to traumatic brain injury. <i>Glia</i> , 2017, 65, 1423-1438.	2.5	230
76	Cytokine cascades induced by mechanical trauma injury alter voltage-gated sodium channel activity in intact cortical neurons. <i>Journal of Neuroinflammation</i> , 2017, 14, 73.	3.1	17
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80	A Protective Role for Interleukin-1 Signaling during Mouse Adenovirus Type 1-Induced Encephalitis. <i>Journal of Virology</i> , 2017, 91, .	1.5	12
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83	Brain-Derived Microparticles in Patients with Severe Isolated TBI. <i>Brain Injury</i> , 2017, 31, 1856-1862.	0.6	35
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85	Dimethyl fumarate treatment after traumatic brain injury prevents depletion of antioxidative brain glutathione and confers neuroprotection. <i>Journal of Neurochemistry</i> , 2017, 143, 523-533.	2.1	33
86	Hyperbaric oxygen alleviates the activation of NLRP-3-inflammasomes in traumatic brain injury. <i>Molecular Medicine Reports</i> , 2017, 16, 3922-3928.	1.1	39
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95	Protective Functions of PJ34, a Poly(ADP-ribose) Polymerase Inhibitor, Are Related to Down-Regulation of Calpain and Nuclear Factor- κ B in a Mouse Model of Traumatic Brain Injury. <i>World Neurosurgery</i> , 2017, 107, 888-899.	0.7	5
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99	Progranulin protects against exaggerated axonal injury and astrogliosis following traumatic brain injury. <i>Glia</i> , 2017, 65, 278-292.	2.5	65
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101	Treatment of traumatic brain injury with 17β -ethinylestradiol-3-sulfate in a rat model. <i>Journal of Neurosurgery</i> , 2017, 127, 23-31.	0.9	28
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104	Pumping the Brakes: Neurotrophic Factors for the Prevention of Cognitive Impairment and Dementia after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 971-986.	1.7	15
105	The Emerging Role of GLP-1 Receptors in DNA Repair: Implications in Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1861.	1.8	15
106	Therapeutic Potential of Intravenous Immunoglobulin in Acute Brain Injury. <i>Frontiers in Immunology</i> , 2017, 8, 875.	2.2	19
107	The P2X7 Receptor Primes IL- 1β and the NLRP3 Inflammasome in Astrocytes Exposed to Mechanical Strain. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 227.	1.8	109
108	Protective Effect of N-Acetylcysteine Amide on Blast-Induced Increase in Intracranial Pressure in Rats. <i>Frontiers in Neurology</i> , 2017, 8, 219.	1.1	20

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109	Considerations for Experimental Animal Models of Concussion, Traumatic Brain Injury, and Chronic Traumatic Encephalopathy—These Matters Matter. <i>Frontiers in Neurology</i> , 2017, 8, 240.	1.1	60
110	Cerebrospinal Fluid and Microdialysis Cytokines in Severe Traumatic Brain Injury: A Scoping Systematic Review. <i>Frontiers in Neurology</i> , 2017, 8, 331.	1.1	51
111	Traumatic Brain Injury and Stem Cell: Pathophysiology and Update on Recent Treatment Modalities. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	36
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115	Neurobiology of Opioid Use Disorder and Comorbid Traumatic Brain Injury. <i>JAMA Psychiatry</i> , 2018, 75, 642.	6.0	3
116	Distinct myeloid cell subsets promote meningeal remodeling and vascular repair after mild traumatic brain injury. <i>Nature Immunology</i> , 2018, 19, 442-452.	7.0	101
117	Exosomes in Acquired Neurological Disorders: New Insights into Pathophysiology and Treatment. <i>Molecular Neurobiology</i> , 2018, 55, 9280-9293.	1.9	86
118	Brain docosahexaenoic acid uptake and metabolism. <i>Molecular Aspects of Medicine</i> , 2018, 64, 109-134.	2.7	120
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124	Opioid Use Disorder After Self-medicating Pain From Traumatic Brain Injury. <i>JAMA Psychiatry</i> , 2018, 75, 649.	6.0	4
125	Adenosine, lidocaine, and Mg ²⁺ (ALM) resuscitation fluid protects against experimental traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 908-916.	1.1	20
126	Nano-Pulsed Laser Therapy Is Neuroprotective in a Rat Model of Blast-Induced Neurotrauma. <i>Journal of Neurotrauma</i> , 2018, 35, 1510-1522.	1.7	25

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127	Neuroprotection in Oxidative Stress-Related Neurodegenerative Diseases: Role of Endocannabinoid System Modulation. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 75-108.	2.5	80
128	Microglial Function during Glucose Deprivation: Inflammatory and Neuropsychiatric Implications. <i>Molecular Neurobiology</i> , 2018, 55, 1477-1487.	1.9	44
129	MicroRNAs: Roles in Regulating Neuroinflammation. <i>Neuroscientist</i> , 2018, 24, 221-245.	2.6	184
130	Exploring the potential of natural and synthetic neuroprotective steroids against neurodegenerative disorders: A literature review. <i>Medicinal Research Reviews</i> , 2018, 38, 1126-1158.	5.0	35
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132	Pathophysiological Bases of Comorbidity: Traumatic Brain Injury and Post-Traumatic Stress Disorder. <i>Journal of Neurotrauma</i> , 2018, 35, 210-225.	1.7	91
133	TiO ₂ -Nanowired Delivery of DL-3-n-butylphthalide (DL-NBP) Attenuates Blood-Brain Barrier Disruption, Brain Edema Formation, and Neuronal Damages Following Concussive Head Injury. <i>Molecular Neurobiology</i> , 2018, 55, 350-358.	1.9	30
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135	Rat Model of Brain Injury to Occupants of Vehicles Targeted by Land Mines: Mitigation by Elastomeric Frame Designs. <i>Journal of Neurotrauma</i> , 2018, 35, 1192-1203.	1.7	9
136	Applications of Proteomics in Traumatic Brain Injury. <i>Chinese Medical Journal</i> , 2018, 131, 2143-2145.	0.9	3
137	Untangling PTSD and TBI: Challenges and Strategies in Clinical Care and Research. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 106.	2.0	30
138	A mathematical model of neuroinflammation in severe clinical traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 345.	3.1	14
139	Early Microglial Activation Following Closed-Head Concussive Injury Is Dominated by Pro-Inflammatory M-1 Type. <i>Frontiers in Neurology</i> , 2018, 9, 964.	1.1	57
140	Inflammation: the link between comorbidities, genetics, and Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 276.	3.1	353
141	Dysregulated Glucose Metabolism as a Therapeutic Target to Reduce Post-traumatic Epilepsy. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 350.	1.8	16
142	Neuroprotective Effects of Platonin, a Therapeutic Immunomodulating Medicine, on Traumatic Brain Injury in Mice after Controlled Cortical Impact. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1100.	1.8	15
143	The evolving role of neuro-immune interaction in brain repair after cerebral ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1100-1114.	1.9	81
144	Pathophysiology of severe traumatic brain injury. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 542-548.	0.3	32

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145	Expression profile of plasma microRNAs and their roles in diagnosis of mild to severe traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0204051.	1.1	32
146	Comparison of the detrimental features of microglia and infiltrated macrophages in traumatic brain injury: A study using a hypnotic bromovalerylurea. <i>Glia</i> , 2018, 66, 2158-2173.	2.5	47
147	Design synthesis in silico in vitro and in vivo evaluation of novel l-cysteine derivatives as multi-target-directed ligands for the treatment of neurodegenerative diseases. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2018, 7, 452-460.	0.8	1
148	Selective NLRP3 inflammasome inhibitor reduces neuroinflammation and improves long-term neurological outcomes in a murine model of traumatic brain injury. <i>Neurobiology of Disease</i> , 2018, 117, 15-27.	2.1	161
150	Oxidized phospholipid signaling in traumatic brain injury. <i>Free Radical Biology and Medicine</i> , 2018, 124, 493-503.	1.3	63
151	Neurochemical Aspects of Traumatic Brain Injury. , 2018, , 239-286.		0
153	Role of the immune response in initiating central nervous system regeneration in vertebrates: learning from the fish. <i>International Journal of Developmental Biology</i> , 2018, 62, 403-417.	0.3	20
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