

# W Dalton Dietrich

## List of Articles by Year in descending order

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290

PR articles

21,658

PR citations

6980

74

PR h-index

8395

145

g-index

310

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25727

doc citations

6517

81

h-index

22934

citing authors

#	ARTICLE	IF	CITATIONS
1	Treating amyotrophic lateral sclerosis with allogeneic Schwann cellâ€‘derived exosomal vesicles: a case report. <i>Neural Regeneration Research</i> , 2025, 20, 1207-1216.	5.3	13
2	Catecholamine-Induced Inflammasome Activation in the Heart Following Photothrombotic Stroke. <i>Translational Stroke Research</i> , 2025, 16, 1317-1330.	3.1	1
3	Comparison of cellular-based therapies following a long-segmental peripheral nerve defect in a rat model. <i>PLoS ONE</i> , 2025, 20, e0313292.	2.3	2
4	Comparison of Methods of Detecting IL-1Î² in the Blood of Alzheimerâ€™s Disease Subjects. <i>International Journal of Molecular Sciences</i> , 2025, 26, 831.	4.4	5
5	3,3â€‘Diindolylmethane improves pathology and neurological outcome following traumatic brain injury. <i>Neurotherapeutics</i> , 2025, 22, e00531.	6.1	4
6	Human Schwann cell exosome treatment attenuates secondary injury mechanisms, histopathological consequences, and behavioral deficits after traumatic brain injury. <i>Neurotherapeutics</i> , 2025, 22, e00555.	6.1	9
7	Stool-derived extracellular vesicles increase inflammasome signaling and regulate the gut-brain axis after stroke in Alzheimer's disease transgenic mice. <i>Experimental Neurology</i> , 2025, 390, 115269.	4.0	1
8	Single cell RNA sequencing after moderate traumatic brain injury: effects of therapeutic hypothermia. <i>Journal of Neuroinflammation</i> , 2025, 22, .	9.0	6
9	Casdemir-D Genetic Knockout Reduces Inflammasome-Induced Disruption of the Gut-Brain Axis After Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2025, 26, 3512.	4.4	1
10	Acute Neurovascular Inflammatory Profile in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Biomolecules</i> , 2025, 15, 613.	4.2	3
11	Effects of iron accumulation and its chelation on oxidative stress in intracortical implants. <i>Acta Biomaterialia</i> , 2025, 200, 703-723.	9.3	4
12	Effects of Acute Probenecid Administration on Histopathological and Functional Outcomes after Spinal Cord Injury in Rats. <i>Neurotrauma Reports</i> , 2025, 6, 425-434.	1.6	1
13	Predictive Value of Nervous Cell Injury Biomarkers in Moderate-to-Severe Traumatic Brain Injury. <i>Neurology</i> , 2025, 105, .	1.0	5
14	Covert Tracking to Immersive Stimuli in Traumatic Brain Injury Subjects With Disorders of Consciousness. <i>Journal of Neurotrauma</i> , 2024, 41, 646-659.	3.6	2
15	Prognostic and Diagnostic Utility of Serum Biomarkers in Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2024, 41, 106-122.	3.6	17
16	Association of regionâ€‘specific hippocampal reduction of neurogranin with inflammasome proteins in post mortem brains of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2024, 10, .	4.8	2
17	Beneficial Effects of Human Schwann Cell-Derived Exosomes in Mitigating Secondary Damage After Penetrating Ballistic-Like Brain Injury. <i>Journal of Neurotrauma</i> , 2024, 41, 2395-2412.	3.6	10
18	Serum Levels of NLRP3 Inflammasome Signaling Protein ASC - A Prognostic Tool in Pediatric Traumatic Brain Injury (P9-8.007). <i>Neurology</i> , 2024, 102, .	1.0	0

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19	Extracellular vesicles mediate inflammasome signaling in the brain and heart of Alzheimer's disease mice. <i>Frontiers in Molecular Neuroscience</i> , 2024, 17, .	3.4	8
20	The Inflammasome Adaptor Protein ASC in Plasma as a Biomarker of Early Cognitive Changes. <i>International Journal of Molecular Sciences</i> , 2024, 25, 7758.	4.4	4
21	Inflammasome Proteins Are Reliable Biomarkers of the Inflammatory Response in Aneurysmal Subarachnoid Hemorrhage. <i>Cells</i> , 2024, 13, 1370.	4.7	6
22	Administration of low intensity vibration and a RANKL inhibitor, alone or in combination, reduces bone loss after spinal cord injury-induced immobilization in rats. <i>Bone Reports</i> , 2024, 23, 101808.	0.7	1
23	Improvement in edema and cognitive recovery after moderate traumatic brain injury with the neurosteroid prodrug NTS-104. <i>Neurotherapeutics</i> , 2024, 21, e00456.	6.1	1
24	Inflammasome activation in traumatic brain injury and Alzheimer's disease. <i>Translational Research</i> , 2023, 254, 1-12.	4.0	61
25	Genetic predisposition to Alzheimer's disease alters inflammasome activity after traumatic brain injury. <i>Translational Research</i> , 2023, 257, 66-77.	4.0	15
26	Dose-dependent modulation of microglia activation in rats after penetrating traumatic brain injury (pTBI) by transplanted human neural stem cells. <i>PLoS ONE</i> , 2023, 18, e0285633.	2.3	6
27	Association between Cerebrospinal Fluid and Serum Biomarker Levels and Diagnosis, Injury Severity, and Short-Term Outcomes in Patients with Acute Traumatic Spinal Cord Injury. <i>Diagnostics</i> , 2023, 13, 1814.	2.8	11
28	Multimodal magnetic resonance imaging after experimental moderate and severe traumatic brain injury: A longitudinal correlative assessment of structural and cerebral blood flow changes. <i>PLoS ONE</i> , 2023, 18, e0289786.	2.3	4
29	Increasing Rigor of Preclinical Research to Maximize Opportunities for Translation. <i>Neurotherapeutics</i> , 2023, 20, 1433-1445.	6.1	7
30	GSDMD gene knockout alleviates hyperoxia-induced hippocampal brain injury in neonatal mice. <i>Journal of Neuroinflammation</i> , 2023, 20, .	9.0	12
31	Inflammasome-Regulated Pyroptotic Cell Death in Disruption of the Gut-Brain Axis After Stroke. <i>Translational Stroke Research</i> , 2022, 13, 898-912.	3.1	19
32	Inflammatory Biomarkers of Traumatic Brain Injury. <i>Pharmaceuticals</i> , 2022, 15, 660.	4.2	38
33	Cohort study on the differential expression of inflammatory and angiogenic factors in thrombi, cerebral and peripheral plasma following acute large vessel occlusion stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1827-1839.	4.7	21
34	Post-stroke low-frequency whole-body vibration improves cognition in middle-aged rats of both sexes. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	4.0	9
35	Additive Protective Effects of Delayed Mild Therapeutic Hypothermia and Antioxidants on PC12 Cells Exposed to Oxidative Stress. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021, 11, 77-87.	1.7	7
36	An Exploratory Report on Electrographic Changes in the Cerebral Cortex Following Mild Traumatic Brain Injury with Hyperthermia in the Rat. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021, 11, 10-18.	1.7	0

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37	Enoxaparin Attenuates Acute Lung Injury and Inflammasome Activation after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 646-654.	3.6	31
38	Netosis and Inflammasomes in Large Vessel Occlusion Thrombi. <i>Frontiers in Pharmacology</i> , 2021, 11, .	3.8	36
39	Neurophysiological Changes in the First Year After Cell Transplantation in Sub-acute Complete Paraplegia. <i>Frontiers in Neurology</i> , 2021, 11, .	2.4	19
40	Hyperoxia-activated circulating extracellular vesicles induce lung and brain injury in neonatal rats. <i>Scientific Reports</i> , 2021, 11, .	3.4	36
41	The Interdisciplinary Stem Cell Institute's Use of Food and Drug Administration-Expanded Access Guidelines to Provide Experimental Cell Therapy to Patients With Rare Serious Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, .	3.6	4
42	Use of Machine Learning to Re-Assess Patterns of Multivariate Functional Recovery after Fluid Percussion Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2021, 38, 1670-1678.	3.6	10
43	Kollidon VA64 Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2021, 38, 2454-2472.	3.6	6
44	Implantable brain-computer interface for neuroprosthetic-enabled volitional hand grasp restoration in spinal cord injury. <i>Brain Communications</i> , 2021, 3, .	3.6	45
45	Selective Myostatin Inhibition Spares Sublesional Muscle Mass and Myopenia-Related Dysfunction after Severe Spinal Cord Contusion in Mice. <i>Journal of Neurotrauma</i> , 2021, 38, 3440-3455.	3.6	5
46	Circulating extracellular vesicles activate the pyroptosis pathway in the brain following ventilation-induced lung injury. <i>Journal of Neuroinflammation</i> , 2021, 18, .	9.0	28
47	Neural-respiratory inflammasome axis in traumatic brain injury. <i>Experimental Neurology</i> , 2020, 323, 113080.	4.0	53
48	Age as a determinant of inflammatory response and survival of glia and axons after human traumatic spinal cord injury. <i>Experimental Neurology</i> , 2020, 332, 113401.	4.0	14
49	The Inflammasome in Times of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, .	4.9	100
50	IC100: a novel anti-ASC monoclonal antibody improves functional outcomes in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020, 17, .	9.0	66
51	The Inflammasome Adaptor Protein ASC in Mild Cognitive Impairment and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4674.	4.4	61
52	Therapeutic hypothermia reduces cortical inflammation associated with Utah array implants. <i>Journal of Neural Engineering</i> , 2020, 17, 026035.	3.4	8
53	Clinical and Neurophysiological Changes after Targeted Intrathecal Injections of Bone Marrow Stem Cells in a C3 Tetraplegic Subject. <i>Journal of Neurotrauma</i> , 2019, 36, 500-516.	3.6	19
54	Serum-Based Phospho-Neurofilament-Heavy Protein as Theranostic Biomarker in Three Models of Traumatic Brain Injury: An Operation Brain Trauma Therapy Study. <i>Journal of Neurotrauma</i> , 2019, 36, 348-359.	3.6	35

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55	Human Lung Cell Pyroptosis Following Traumatic Brain Injury. <i>Cells</i> , 2019, 8, 69.	4.7	53
56	Caspase-1 Inhibition Attenuates Hyperoxia-induced Lung and Brain Injury in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 341-354.	3.8	60
57	The role of microglial inflammasome activation in pyroptotic cell death following penetrating traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2019, 16, .	9.0	96
58	Neurotherapeutic capacity of P7C3 agents for the treatment of Traumatic Brain Injury. <i>Neuropharmacology</i> , 2019, 145, 268-282.	4.3	34
59	Operation Brain Trauma Therapy: 2016 Update. <i>Military Medicine</i> , 2018, 183, 303-312.	0.9	44
60	Traumatic Brain Injury-Induced Acute Lung Injury: Evidence for Activation and Inhibition of a Neural-Respiratory-Inflammasome Axis. <i>Journal of Neurotrauma</i> , 2018, 35, 2067-2076.	3.6	95
61	Microglial Inflammasome Activation in Penetrating Ballistic-Like Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1681-1693.	3.6	82
62	A negative allosteric modulator of PDE4D enhances learning after traumatic brain injury. <i>Neurobiology of Learning and Memory</i> , 2018, 148, 38-49.	1.7	27
63	Investigation of Microbiota Alterations and Intestinal Inflammation Post-Spinal Cord Injury in Rat Model. <i>Journal of Neurotrauma</i> , 2018, 35, 2159-2166.	3.6	89
64	Gadolinium DTPA Enhancement Characteristics of the Rat Sciatic Nerve after Crush Injury at 4.7T. <i>American Journal of Neuroradiology</i> , 2018, 39, 177-183.	2.6	15
65	Hyperthermia and Mild Traumatic Brain Injury: Effects on Inflammation and the Cerebral Vasculature. <i>Journal of Neurotrauma</i> , 2018, 35, 940-952.	3.6	21
66	Inflammasome proteins as biomarkers of traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0210128.	2.3	110
67	Inflammasome Proteins in Serum and Serum-Derived Extracellular Vesicles as Biomarkers of Stroke. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, .	3.4	93
68	Whole Body Vibration Therapy after Ischemia Reduces Brain Damage in Reproductively Senescent Female Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2749.	4.4	41
69	Pre-Clinical Testing of Therapies for Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2737-2754.	3.6	81
70	Inflammasome Proteins As Biomarkers of Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, .	2.4	110
71	Defective Inflammatory Pathways in Never-Treated Depressed Patients Are Associated with Poor Treatment Response. <i>Neuron</i> , 2018, 99, 914-924.e3.	11.0	212
72	Multi-Center Pre-clinical Consortia to Enhance Translation of Therapies and Biomarkers for Traumatic Brain Injury: Operation Brain Trauma Therapy and Beyond. <i>Frontiers in Neurology</i> , 2018, 9, .	2.4	47

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73	The neuroprotective compound P7C3-A20 promotes neurogenesis and improves cognitive function after ischemic stroke. <i>Experimental Neurology</i> , 2017, 290, 63-73.	4.0	52
74	Safety of Autologous Human Schwann Cell Transplantation in Subacute Thoracic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2950-2963.	3.6	235
75	Increased Expression of Epileptiform Spike/Wave Discharges One Year after Mild, Moderate, or Severe Fluid Percussion Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2017, 34, 2467-2474.	3.6	7
76	Introduction to the Special Issue on Locomotor Rehabilitation after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1711-1712.	3.6	5
77	Human Schwann cells exhibit long-term cell survival, are not tumorigenic and promote repair when transplanted into the contused spinal cord. <i>Glia</i> , 2017, 65, 1278-1301.	5.0	49
78	Corrigendum to "The neuroprotective compound P7C3-A20 promotes neurogenesis and improves cognitive function after stroke" [Exp. Neurol. 290 (2017) 63-73]. <i>Experimental Neurology</i> , 2017, 298, 134.	4.0	0
79	Automated approach to detecting behavioral states using EEG-DABS. <i>Heliyon</i> , 2017, 3, e00344.	3.3	1
80	New astroglial injury-defined biomarkers for neurotrauma assessment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3278-3299.	4.7	70
81	Posttraumatic therapeutic hypothermia alters microglial and macrophage polarization toward a beneficial phenotype. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2952-2962.	4.7	72
82	Identifying the Long-Term Role of Inducible Nitric Oxide Synthase after Contusive Spinal Cord Injury Using a Transgenic Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 245.	4.4	16
83	Beneficial Effects of Delayed P7C3-A20 Treatment After Transient MCAO in Rats. <i>Translational Stroke Research</i> , 2017, 9, 146-156.	3.1	20
84	Is temperature an important variable in recovery after mild traumatic brain injury?. <i>F1000Research</i> , 2017, 6, 2031.	0.5	13
85	Therapeutic benefits of phosphodiesterase 4B inhibition after traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0178013.	2.3	35
86	Chronic Cognitive Dysfunction after Traumatic Brain Injury Is Improved with a Phosphodiesterase 4B Inhibitor. <i>Journal of Neuroscience</i> , 2016, 36, 7095-7108.	3.7	58
87	Cyclosporine Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 553-566.	3.6	49
88	Hypothermia in Traumatic Brain Injury. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 489-497.	1.4	34
89	A cool approach to reducing electrode-induced trauma: Localized therapeutic hypothermia conserves residual hearing in cochlear implantation. <i>Hearing Research</i> , 2016, 339, 32-39.	2.4	31
90	The Use of Autologous Schwann Cells to Supplement Sciatic Nerve Repair with a Large Gap: First in Human Experience. <i>Cell Transplantation</i> , 2016, 25, 1395-1403.	2.7	71

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91	Differential Neuroproteomic and Systems Biology Analysis of Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2379-2395.	3.0	39
92	Exosome-mediated inflammasome signaling after central nervous system injury. <i>Journal of Neurochemistry</i> , 2016, 136, 39-48.	3.8	214
93	Therapeutics targeting the inflammasome after central nervous system injury. <i>Translational Research</i> , 2016, 167, 35-45.	4.0	102
94	Erythropoietin Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 538-552.	3.6	55
95	Nicotinamide Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 523-537.	3.6	72
96	Simvastatin Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 567-580.	3.6	43
97	Synthesis of Findings, Current Investigations, and Future Directions: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 606-614.	3.6	62
98	Insight into Pre-Clinical Models of Traumatic Brain Injury Using Circulating Brain Damage Biomarkers: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 595-605.	3.6	77
99	Levetiracetam Treatment in Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 581-594.	3.6	67
100	Therapeutic hypothermia and targeted temperature management in traumatic brain injury: Clinical challenges for successful translation. <i>Brain Research</i> , 2016, 1640, 94-103.	2.5	84
101	Approach to Modeling, Therapy Evaluation, Drug Selection, and Biomarker Assessments for a Multicenter Pre-Clinical Drug Screening Consortium for Acute Therapies in Severe Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Neurotrauma</i> , 2016, 33, 513-522.	3.6	87
102	Protection and Repair After Spinal Cord Injury: Accomplishments and Future Directions. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2015, 21, 174-187.	0.6	24
103	Female Rats Demonstrate Improved Locomotor Recovery and Greater Preservation of White and Gray Matter after Traumatic Spinal Cord Injury Compared to Males. <i>Journal of Neurotrauma</i> , 2015, 32, 1146-1157.	3.6	72
104	Chaperone-Mediated Autophagy after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1449-1457.	3.6	47
105	Neural progenitor cell transplantation promotes neuroprotection, enhances hippocampal neurogenesis, and improves cognitive outcomes after traumatic brain injury. <i>Experimental Neurology</i> , 2015, 264, 67-81.	4.0	72
106	Long-Term Consequences of Traumatic Brain Injury: Current Status of Potential Mechanisms of Injury and Neurological Outcomes. <i>Journal of Neurotrauma</i> , 2015, 32, 1834-1848.	3.6	448
107	Commentary Regarding the Recent Publication by Tabakow et al., "Functional Regeneration of Supraspinal Connections in a Patient with Transected Spinal Cord following Transplantation of Bulbar Olfactory Ensheathing Cells with Peripheral Nerve Bridging". <i>Journal of Neurotrauma</i> , 2015, 32, 1176-1178.	3.6	8
108	Acute Diagnostic Biomarkers for Spinal Cord Injury: Review of the Literature and Preliminary Research Report. <i>World Neurosurgery</i> , 2015, 83, 867-878.	1.5	102

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109	Emergence of cognitive deficits after mild traumatic brain injury due to hyperthermia. <i>Experimental Neurology</i> , 2015, 263, 254-262.	4.0	42
110	Does being female provide a neuroprotective advantage following spinal cord injury?. <i>Neural Regeneration Research</i> , 2015, 10, 1533.	5.3	25
111	Age-Dependent Transcriptome and Proteome Following Transection of Neonatal Spinal Cord of <i>Monodelphis domestica</i> (South American Grey Short-Tailed Opossum). <i>PLoS ONE</i> , 2014, 9, e99080.	2.3	29
112	Pyroptotic Neuronal Cell Death Mediated by the AIM2 Inflammasome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 621-629.	4.7	264
113	Neuroprotective Efficacy of a Proneurogenic Compound after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 476-486.	3.6	84
114	The Potential Utility of Blood-Derived Biochemical Markers as Indicators of Early Clinical Trends Following Severe Traumatic Brain Injury. <i>World Neurosurgery</i> , 2014, 81, 151-158.	1.5	36
115	Activation and Regulation of Cellular Inflammasomes: Gaps in Our Knowledge for Central Nervous System Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 369-375.	4.7	309
116	Pattern recognition receptors and central nervous system repair. <i>Experimental Neurology</i> , 2014, 258, 5-16.	4.0	443
117	RIG-1 receptor expression in the pathology of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2014, 11, .	9.0	39
118	Intraoperative Temperature Management. <i>Therapeutic Hypothermia and Temperature Management</i> , 2014, 4, 67-71.	1.7	2
119	EEGgui: a program used to detect electroencephalogram anomalies after traumatic brain injury. <i>Source Code for Biology and Medicine</i> , 2013, 8, .	0.5	8
120	MicroRNA overexpression increases cortical neuronal vulnerability to injury. <i>Brain Research</i> , 2013, 1533, 122-130.	2.5	54
121	Genetically modified mesenchymal stem cells (MSCs) promote axonal regeneration and prevent hypersensitivity after spinal cord injury. <i>Experimental Neurology</i> , 2013, 248, 369-380.	4.0	65
122	Involvement of the inflammasome in abnormal semen quality of men with spinal cord injury. <i>Fertility and Sterility</i> , 2013, 99, 118-124.e2.	2.9	48
123	Deep Tissue Injury in Development of Pressure Ulcers: A Decrease of Inflammasome Activation and Changes in Human Skin Morphology in Response to Aging and Mechanical Load. <i>PLoS ONE</i> , 2013, 8, e69223.	2.3	67
124	Effects of Therapeutic Hypothermia on Inflammasome Signaling after Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1939-1947.	4.7	86
125	Mild Hyperthermia Worsens the Neuropathological Damage Associated with Mild Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2012, 29, 313-321.	3.6	58
126	Temperature Management in Neurological and Neurosurgical Intensive Care Unit. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 104-108.	1.7	0

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127	The Effects of Posttraumatic Hypothermia on Diffuse Axonal Injury Following Parasagittal Fluid Percussion Brain Injury in Rats. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 14-23.	1.7	20
128	Temporal Profile of Cerebrospinal Fluid, Plasma, and Brain Interleukin-6 After Normothermic Fluid-Percussion Brain Injury: Effect of Secondary Hypoxia. <i>Therapeutic Hypothermia and Temperature Management</i> , 2012, 2, 167-175.	1.7	10
129	Acute Molecular Perturbation of Inducible Nitric Oxide Synthase with an Antisense Approach Enhances Neuronal Preservation and Functional Recovery after Contusive Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 2244-2249.	3.6	20
130	Phosphodiesterase isoform-specific expression induced by traumatic brain injury. <i>Journal of Neurochemistry</i> , 2012, 123, 1019-1029.	3.8	27
131	Proinflammatory cytokine regulation of cyclic AMP-phosphodiesterase 4 signaling in microglia in vitro and following CNS injury. <i>Glia</i> , 2012, 60, 1839-1859.	5.0	91
132	Anti-CD11d monoclonal antibody treatment for rat spinal cord compression injury. <i>Experimental Neurology</i> , 2012, 233, 606-611.	4.0	19
133	A reassessment of P2X7 receptor inhibition as a neuroprotective strategy in rat models of contusion injury. <i>Experimental Neurology</i> , 2012, 233, 687-692.	4.0	31
134	Posttraumatic hypothermia increases doublecortin expressing neurons in the dentate gyrus after traumatic brain injury in the rat. <i>Experimental Neurology</i> , 2012, 233, 821-828.	4.0	51
135	Astrogliosis involves activation of retinoic acid-inducible gene-like signaling in the innate immune response after spinal cord injury. <i>Glia</i> , 2012, 60, 414-421.	5.0	47
136	Preconditioning for Traumatic Brain Injury. <i>Translational Stroke Research</i> , 2012, 4, 25-39.	3.1	38
137	Systemic hypothermia in acute cervical spinal cord injury: a case-controlled study. <i>Spinal Cord</i> , 2012, 51, 395-400.	1.9	120
138	A Novel Multicenter Preclinical Drug Screening and Biomarker Consortium for Experimental Traumatic Brain Injury: Operation Brain Trauma Therapy. <i>Journal of Trauma</i> , 2011, 71, S15-S24.	2.1	48
139	Therapeutic hypothermia alters microRNA responses to traumatic brain injury in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1897-1907.	4.7	93
140	Hypothermic Treatment for Acute Spinal Cord Injury. <i>Neurotherapeutics</i> , 2011, 8, 229-239.	6.1	93
141	Oligodendrocyte Vulnerability Following Traumatic Brain Injury in Rats: Effect of Moderate Hypothermia. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 43-51.	1.7	29
142	Post-Traumatic Seizures Exacerbate Histopathological Damage after Fluid-Percussion Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 35-42.	3.6	54
143	The Use of Hypothermia Therapy in Traumatic Ischemic/Reperfusional Brain Injury: Review of the Literatures. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 185-192.	1.7	24
144	Temperature Management in the Neurological and Neurosurgical ICU. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 117-122.	1.7	0

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145	The Use of Systemic Hypothermia for the Treatment of an Acute Cervical Spinal Cord Injury in a Professional Football Player. <i>Spine</i> , 2010, 35, E57-E62.	2.4	65
146	Clinical Outcomes Using Modest Intravascular Hypothermia After Acute Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2010, 66, 670-677.	2.0	216
147	The Evidence for Hypothermia as a Neuroprotectant in Traumatic Brain Injury. <i>Neurotherapeutics</i> , 2010, 7, 43-50.	6.1	135
148	Post-traumatic seizure susceptibility is attenuated by hypothermia therapy. <i>European Journal of Neuroscience</i> , 2010, 32, 1912-1920.	3.5	77
149	Protection in Animal Models of Brain and Spinal Cord Injury with Mild to Moderate Hypothermia. <i>Journal of Neurotrauma</i> , 2009, 26, 301-312.	3.6	136
150	Clinical Application of Modest Hypothermia after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 407-415.	3.6	159
151	Alterations in Blood-Brain Barrier Permeability to Large and Small Molecules and Leukocyte Accumulation after Traumatic Brain Injury: Effects of Post-Traumatic Hypothermia. <i>Journal of Neurotrauma</i> , 2009, 26, 1123-1134.	3.6	160
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