Donald W Marion

List of Publications by Year
in descending order

53 papers	7,157 citations	136740 32 h-index	253896 43 g-index
56 all docs	56 docs citations	56 times ranked	3338 citing authors

#	Article	IF	Citations
1	Lack of Effect of Induction of Hypothermia after Acute Brain Injury. New England Journal of Medicine, 2001, 344, 556-563.	13.9	1,462
2	Treatment of Traumatic Brain Injury with Moderate Hypothermia. New England Journal of Medicine, 1997, 336, 540-546.	13.9	1,321
3	The use of moderate therapeutic hypothermia for patients with severe head injuries: a preliminary report. Journal of Neurosurgery, 1993, 79, 354-362.	0.9	481
4	Traumatic Brain Injury-Induced Excitotoxicity Assessed in a Controlled Cortical Impact Model. Journal of Neurochemistry, 1993, 61, 2015-2024.	2.1	373
5	Increases in Bclâ€2 and cleavage of caspaseâ€1 and caspaseâ€3 in human brain after head injury. FASEB Journal, 1999, 13, 813-821.	0.2	259
6	Hyperthermia in the Neurosurgical Intensive Care Unit. Neurosurgery, 2000, 47, 850-856.	0.6	236
7	Biochemical, cellular, and molecular mechanisms in the evolution of secondary damage after severe traumatic brain injury in infants and children: Lessons learned from the bedside. Pediatric Critical Care Medicine, 2000, 1, 4-19.	0.2	227
8	Cerebrovascular Response in Infants and Young Children following Severe Traumatic Brain Injury: A Preliminary Report. Pediatric Neurosurgery, 1997, 26, 200-207.	0.4	217
9	Effect of hyperventilation on extracellular concentrations of glutamate, lactate, pyruvate, and local cerebral blood flow in patients with severe traumatic brain injury*. Critical Care Medicine, 2002, 30, 2619-2625.	0.4	191
10	Interleukin-8 is increased in cerebrospinal fluid of children with severe head injury. Critical Care Medicine, 2000, 28, 929-934.	0.4	173
11	Intercenter variance in clinical trials of head traumaâ€"experience of the National Acute Brain Injury Study: Hypothermia. Journal of Neurosurgery, 2001, 95, 751-755.	0.9	170
12	Reduction of Cognitive and Motor Deficits after Traumatic Brain Injury in Mice Deficient in Poly(ADP-Ribose) Polymerase. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 835-842.	2.4	151
13	Mild Posttraumatic Hypothermia Reduces Mortality after Severe Controlled Cortical Impact in Rats. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 253-261.	2.4	148
14	Comparison of Brain Temperature with Bladder and Rectal Temperatures in Adults with Severe Head Injury. Neurosurgery, 1998, 42, 1071-1075.	0.6	148
15	Hypothermia on Admission in Patients with Severe Brain Injury. Journal of Neurotrauma, 2002, 19, 293-301.	1.7	136
16	Excitatory amino acid concentrations in ventricular cerebrospinal fluid after severe traumatic brain injury in infants and children: The role of child abuse. Journal of Pediatrics, 2001, 138, 18-25.	0.9	129
17	Current and Future Role of Therapeutic Hypothermia. Journal of Neurotrauma, 2009, 26, 455-467.	1.7	111
18	Contemporary Management of Traumatic Intracranial Hypertension: Is There a Role for Therapeutic Hypothermia?. Neurocritical Care, 2009, 11, 427-436.	1.2	108

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19	Interleukm-1 receptor antagonist suppresses neurotrophin response in injured rat brain. Annals of Neurology, 1996, 39, 123-127.	2.8	107
20	The Effect of Hypothermia on the Incidence of Delayed Traumatic Intracerebral Hemorrhage. Neurosurgery, 1994, 34, 252-256.	0.6	105
21	Treatment of Experimental Brain Injury with Moderate Hypothermia and 21-Aminosteroids. Journal of Neurotrauma, 1996, 13, 139-147.	1.7	89
22	Controlled normothermia in neurologic intensive care. Critical Care Medicine, 2004, 32, S43-S45.	0.4	85
23	Changes in the management of severe traumatic brain injury: 1991-1997. Critical Care Medicine, 2000, 28, 16-18.	0.4	75
24	Increased adenosine in cerebrospinal fluid after severe traumatic brain injury in infants and children: Association with severity of injury and excitotoxicity. Critical Care Medicine, 2001, 29, 2287-2293.	0.4	71
25	Early perfusion after controlled cortical impact in rats: Quantification by arterial spin-labeled MRI and the influence of spin-lattice relaxation time heterogeneity. Magnetic Resonance in Medicine, 1999, 42, 673-681.	1.9	69
26	Acute systemic administration of interleukin-10 suppresses the beneficial effects of moderate hypothermia following traumatic brain injury in rats. Brain Research, 2002, 937, 22-31.	1.1	66
27	Reduced brain edema after traumatic brain injury in mice deficient in P-selectin and intercellular adhesion molecule-1. Journal of Leukocyte Biology, 2000, 67, 160-168.	1.5	54
28	Evaluation of combined fibroblast growth factor-2 and moderate hypothermia therapy in traumatically brain injured rats. Brain Research, 2000, 887, 134-143.	1.1	48
29	Dose response to cerebrospinal fluid drainage on cerebral perfusion in traumatic brainâ€“injured adults. Neurosurgical Focus, 2001, 11, 1-7.	1.0	37
30	No long-term benefit from hypothermia after severe traumatic brain injury with secondary insult in rats. Critical Care Medicine, 2000, 28, 3218-3223.	0.4	36
31	Moderate hypothermia in severe head injuries: the present and the future. Current Opinion in Critical Care, 2002, 8, 111-114.	1.6	32
32	Evidenced-Based Guidelines for Traumatic Brain Injuries. , 2006, 19, 171-196.		30
33	Increased Adrenomedullin in Cerebrospinal Fluid after Traumatic Brain Injury in Infants and Children. Journal of Neurotrauma, 2001, 18, 861-868.	1.7	29
34	The Effect of Cerebrospinal Fluid Drainage on Cerebral Perfusion in Traumatic Brain Injured Adults. Journal of Neurosurgical Anesthesiology, 2000, 12, 324-333.	0.6	21
35	Decompressive craniectomy in diffuse traumatic brain injury. Lancet Neurology, The, 2011, 10, 497-498.	4.9	20
36	Use of Perioperative Steroids with Microvascular Decompression Operations. Neurosurgery, 1988, 22, 353-357.	0.6	19

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37	Assessment of the effect of 2-chloroadenosine in normal rat brain using spin-labeled MRI measurement of perfusion. Magnetic Resonance in Medicine, 2001, 45, 924-929.	1.9	19
38	Cerebrospinal fluid procalcitonin and severe traumatic brain injury in children. Pediatric Critical Care Medicine, 2002, 3, 39-44.	0.2	12
39	Revisiting therapeutic hypothermia for severe traumatic brain injuryâ€¦ again. Critical Care, 2014, 18, 160.	2.5	12
40	Optimum serum glucose levels for patients with severe traumatic brain injury. F1000 Medicine Reports, 2009, 1, .	2.9	11
41	Therapeutic Moderate Hypothermia for Severe Traumatic Brain Injury. Journal of Intensive Care Medicine, 1997, 12, 239-248.	1.3	9
42	Effects of non-neurological complications on traumatic brain injury outcome. Critical Care, 2012, 16, 128.	2.5	8
43	Coma due to cardiac arrest: prognosis and contemporary treatment. F1000 Medicine Reports, 2009, 1, .	2.9	4
44	Current Diagnostic and Therapeutic Challenges. , 2012, , 313-323.		2
45	Resuscitative Moderate Hypothermia for Severe Traumatic Brain Injury. Prehospital and Disaster Medicine, 1997, 12, S12-S12.	0.7	0
46	Traumatic Brain Injury: Clinical Studies. , 2005, , 87-99.		0
47	New Insights into the Acute Care of Patients with Aneurysmal Subarachnoid Hemorrhage. Neurocritical Care, 2008, 8, 313-315.	1.2	0
48	Temperature Management in the Neurological and Neurosurgical ICU. Therapeutic Hypothermia and Temperature Management, 2011, 1, 117-122.	0.3	0
49	Effect of Therapeutic Moderate Hypothermia on Extracellular and CSF Intermediates of Secondary Brain Injury. , 2000, , 99-102.		0
50	Role of Genetic Background: Influence of Apolipoprotein E Genotype in Alzheimerâ€™s Disease and After Head Injury. , 2001, , 317-347.		0
51	Ischemic Mechanisms in Traumatic Brain Injury. , 2003, , 60-71.		0
52	Is Hypothermia Beneficial by Preventing Fever?. , 2004, , 79-83.		0
53	The Effect of Hypothermia on the Incidence of Delayed Traumatic Intracerebral Hemorrhage. Neurosurgery, 1994, , .	0.6	0