

## Diffuse Axonal Injury

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### Recent Publications on Diffuse Axonal Injury:



- [Metabolic levels in the corpus callosum and their structural and behavioral correlates following moderate to severe pediatric TBI.](#)  
*Diffuse axonal injury secondary to traumatic brain injury (TBI)...*21st November, 2009  
UCLA School of Medicine, Psychiatry and Biobehavioral Sciences, Los- J Neurotrauma. 2009 Nov 19. ([DOI Direct Link](#))
- [Consequences of intraventricular hemorrhage in a rabbit pup model.](#)  
*BACKGROUND AND PURPOSE: Intraventricular hemorrhage (IVH) is a common...*18th November, 2009  
Department of Pediatrics, New York Medical College-Westchester Medical- Stroke. 2009 Oct;40(10):3369-77. Epub 2009 Aug 6. ([DOI Direct Link](#))
- [Accidental fall due to abnormal behavior after experiencing a Streptococcus pyogenes infection: febrile delirium or pediatric autoimmune neuropsychiatric disorder associated with streptococcal infection?](#)  
*An 11-year-old boy with a high fever (39.4 degrees C) presented at a local...*17th November, 2009  
Department of Traumatology and Critical Care Medicine, National Defense- Pediatr Emerg Care. 2009 Aug;25(8):523-4. ([DOI Direct Link](#))
- [TRANSCRIPTOMICS OF TRAUMATIC BRAIN INJURY: GENE EXPRESSION AND MOLECULAR PATHWAYS OF DIFFERENT GRADES OF INSULT IN A RAT ORGANOTYPIC HIPPOCAMPAL CULTURE MODEL.](#)  
*Traumatic brain injury (TBI) is the commonest form of trauma and remains a...*12th November, 2009  
University of Southampton, Clinical Neurosciences, Southampton, United- J Neurotrauma. 2009 Nov 10. ([DOI Direct Link](#))
- [Fornix injury in a patient with diffuse axonal injury.](#)  
*Traumatic brain injury (TBI) is the commonest form of trauma and remains a...*11th November, 2009  
Department of Physical Medicine and Rehabilitation, College of Medicine,- Arch Neurol. 2009 Nov;66(11):1424-5. ([DOI Direct Link](#))
- [Stereology of cerebral cortex after traumatic brain injury matched to the Glasgow Outcome Score.](#)  
*Magnetic resonance imaging provides evidence for loss of both white and...*10th November, 2009  
1 Anatomy, Thomson Building, Institute of Biomedical and Life Sciences,- Brain. 2009 Nov 6. ([DOI Direct Link](#))
- [Challenges of diffuse axonal injury diagnosis.](#)  
*"This can't be right. Jay is in a vegetative state following a severe...*6th November, 2009  
Shepherd Center,- Rehabil Nurs. 2009 Sep-Oct;34(5):179-80.
- [Prevalence and impact of diffuse axonal injury in patients with moderate and severe head injury: a](#)

[cohort study of early magnetic resonance imaging findings and 1-year outcome.](#)

*Object In this prospective cohort study the authors examined patients with...*27th October, 2009  
Departments of Neuroscience and.- J Neurosurg. 2009 Oct 23. ([DOI Direct Link](#))

- [Time to recover consciousness in patients with diffuse axonal injury : assessment with reference to magnetic resonance grading.](#)  
*OBJECTIVE: This study was conducted to investigate the correlation between...*22nd October, 2009  
Department of Neurosurgery, Cheongju Saint Mary's Hospital, Cheongju,- J Korean Neurosurg Soc. 2009 Sep;46(3):205-9. Epub 2009 Sep 30. ([DOI Direct Link](#))
- [Long-term recovery of motor function in a quadriplegic patient with diffuse axonal injury and traumatic hemorrhage: a case report.](#)  
*There have been no studies on motor recovery in severe quadriplegic...*14th October, 2009  
Department of Physical Medicine and Rehabilitation, College of Medicine,- NeuroRehabilitation. 2009;25(2):117-22. ([DOI Direct Link](#))
- [Cognitive deficits after traumatic coma.](#)  
*Survivors from a coma due to severe traumatic brain injury (TBI)...*13th October, 2009  
AP-HP, Department of Physical Medicine and Rehabilitation, Raymond- Prog Brain Res. 2009;177:89-110. ([DOI Direct Link](#))
- [Heat stress preconditioning improves cognitive outcome after diffuse axonal injury in rats.](#)  
*This study investigates the influence of heat stress preconditioning on...*30th September, 2009  
School of Medicine, Ministry of Education, College of Life Science, Nankai- J Neurotrauma. 2009 Oct;26(10):1695-706. ([DOI Direct Link](#))
- [Fully-automated white matter hyperintensity detection with anatomical prior knowledge and without FLAIR.](#)  
*This paper presents a method for detection of cerebral white matter...*24th September, 2009  
Computer Science Department, University of California, Davis, CA 95618,- Inf Process Med Imaging. 2009;21:239-51.
- [Traumatic brain injury affects the frontomedian cortex-An event-related fMRI study on evaluative judgments.](#)  
*Traumatic brain injuries represent the leading cause of death and...*15th September, 2009  
Max-Planck-Institute for Human Cognitive and Brain Sciences, Stephanstr.- Neuropsychologia. 2009 Sep 10. ([DOI Direct Link](#))
- [\[Differential proteomic analysis of thalamus in rats with diffuse axonal injury\]](#)  
*OBJECTIVE: To examine the differential expression of protein of thalamus...*8th September, 2009  
Department of Neurosurgery, Xiangya Hospital, Central South University,- Zhong Nan Da Xue Xue Bao Yi Xue Ban. 2009 Aug;34(8):785-9.

## Diffuse Axonal Injury Patents:



- 7611858- [Detection of cannabinoid receptor biomarkers and uses thereof](#)
- 6614226- [Diffusion imaging of tissues](#)
- 6610497- [Angiotensin converting enzyme homolog and therapeutic and diagnostic uses therefor](#)
- 6592865- [Methods and compositions for modulating ACE-2 activity](#)
- 6589746- [Method of detecting axonally-derived protein tau in patients with traumatic CNS injury](#)
- 6588431- [Apparatus for simulating traumatic brain injury and method for inducing spinal cord injury](#)

- 6503916- [Treatment of ischemic brain injury](#)
- 6469049- [Method of treating, preventing or inhibiting central nervous system injuries and diseases](#)
- 6194556- [Angiotensin converting enzyme homolog and therapeutic and diagnostic uses therefor](#)
- 6096716- [Liposome-mediated transfection of central nervous system cells](#)
- 5978972- [Helmet system including at least three accelerometers and mass memory and method for recording in real-time orthogonal acceleration data of a head](#)
- 5747260- [Method of prognosing chronic neurodegenerative pathology following a head injury](#)
- 5648336- [Bradykinin antagonist peptides containing indane-substituted amino acids](#)
- 5560360- [Image neurography and diffusion anisotropy imaging](#)
- 5550124- [Use of peripheral-type benzodiazepine sites for treatment of CNS trauma or disease](#)
- 5488297- [Three dimensional anisotropy contrast magnetic resonance imaging](#)
- 6632830- [ACE-2 inhibiting compounds and methods of use thereof](#)
- 6656971- [Trisubstituted carbocyclic cyclophilin binding compounds and their use](#)
- 7588911- [Assays for detecting inhibitors of binding between COX-2 and PDZ proteins](#)
- 7563862- [Neural regeneration peptides and methods for their use in treatment of brain damage](#)
- 7521446- [Haloaryl substituted aminopurines, compositions thereof, and methods of treatment therewith](#)
- 7482171- [Angiotensin converting enzyme homolog and uses therefor](#)
- 7476662- [Substituted tetracyclic imidazole derivatives, processes for their preparation, pharmaceutical compositions comprising them and their use as a medicine](#)
- 7473687- [Methods for the treatment of a traumatic central nervous system injury](#)
- 7151084- [Compound and method of treating neurogenic conditions using non-steroidal anti-inflammatory drug complexes](#)
- 7045532- [ACE-2 modulating compounds and methods of use thereof](#)
- 6989363- [Angiotensin converting enzyme homolog and therapeutic and diagnostic uses therefor](#)
- 6901933- [Apparatus for simulating traumatic brain injury and method for inducing spinal cord injury](#)
- 6900033- [Methods and compositions for modulating ACE-2 activity](#)
- 6884771- [Angiotensin converting enzyme homolog and uses therefor](#)
- 6797478- [Method of detecting axonal damage, from associated disease states using tau monoclonal antibodies](#)
- 6726623- [Brain injury diagnostic system](#)
- 6699269- [Selective brain and spinal cord hypothermia method and apparatus](#)
- 5189018- [Method for reduction of central nervous system \(CNS\) edema resulting from head and spinal cord trauma](#)

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