

Spinothalamic Tracts

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Recent Publications on Spinothalamic Tracts:



- [\[Hyperalgesia with loss of temperature sensation in one side of the body due to pinpoint infarction of contralateral spinothalamic tract\]](#)
*We report a 67-year-old man who presented sudden loss of temperature...*23rd October, 2009
Department of Neurology and Clinical Neuroscience, Yamaguchi University- Rinsho Shinkeigaku. 2009 May;49(5):262-6.
- [Transient receptor potential vanilloid type 1 receptor regulates glutamatergic synaptic inputs to the spinothalamic tract neurons of the spinal cord deep dorsal horn.](#)
*The spinothalamic tract (STT) neurons in the spinal dorsal horn play an...*22nd October, 2009
Department of Physiology, Seoul National University College of Medicine,- Neuroscience. 2009 May 5;160(2):508-16. Epub 2009 Feb 21. ([DOI Direct Link](#))
- [Comparison of skin incision vs. skin plus deep tissue incision on ongoing pain and spontaneous activity in dorsal horn neurons.](#)
*Surgery injures both skin and deep tissue causing pain at rest and evoked...*1st October, 2009
Department of Pharmacology, University of Iowa Hospitals and Clinics, Iowa- Pain. 2009 Aug;144(3):329-39. Epub 2009 Jun 13. ([DOI Direct Link](#))
- [Paraventricular oxytocinergic hypothalamic prevention or interruption of long-term potentiation in dorsal horn nociceptive neurons: electrophysiological and behavioral evidence.](#)
*Spinal long-term potentiation (LTP) elicited by noxious stimulation...*1st October, 2009
Departamento de Neurobiología del Desarrollo y Neurofisiología, Instituto- Pain. 2009 Aug;144(3):320-8. Epub 2009 Jun 2. ([DOI Direct Link](#))
- [Cellular basis of itch sensation.](#)
*Itch and pain are two distinct sensations. Although our previous study...*29th September, 2009
Departments of Anesthesiology, Psychiatry, and Developmental Biology,- Science. 2009 Sep 18;325(5947):1531-4. Epub 2009 Aug 6. ([DOI Direct Link](#))
- [Network actions of pentobarbital in the rat mesopontine tegmentum on sensory inflow through the spinothalamic tract.](#)
*The recent discovery of a barbiturate-sensitive "general anesthesia..."*25th September, 2009
Faculty of Pharmaceutical Sciences, The University of British Columbia,- J Neurophysiol. 2009 Aug;102(2):700-13. Epub 2009 May 20. ([DOI Direct Link](#))
- [Neuropathic pain in spinal cord injury: significance of clinical and electrophysiological measures.](#)
*A large percentage of spinal cord-injured subjects suffer from neuropathic...*15th September, 2009
Spinal Cord Injury Center, University Hospital Balgrist, Zurich,- Eur J Neurosci. 2009 Jul;30(1):91-9. Epub 2009 Jun 25. ([DOI Direct Link](#))

- [What do general neurologists need to know about neuropathic pain?](#)
*Neuropathic pain (NP) is defined as pain caused by lesion or dysfunction...*2nd September, 2009
Department of Neurology, Hospital de Clinicas de Porto Alegre, Porto- Arq Neuropsiquiatr. 2009 Sep;67(3A):741-9.
- [Thalamic infarction disrupts spinothalamocortical projection to the mid-cingulate cortex and supplementary motor area.](#)
*Thalamic infarction presenting with heat anesthesia is rare. A 62-year-old...*13th August, 2009
Neurology Division, Department of Internal Medicine, Sakura Medical- J Neurol Sci. 2009 Jun 15;281(1-2):104-7. Epub 2009 Apr 5. ([DOI Direct Link](#))
- [Cheirobuccopedal syndrome.](#)
*OBJECTIVES: Restricted sensory syndrome provides an excellent chance for...*6th August, 2009
Department of Neurology, Chang Gung Memorial Hospital-Kaohsiung Medical- Acta Neurol Taiwan. 2009 Mar;18(1):34-6.
- [Relief of itch by scratching: state-dependent inhibition of primate spinothalamic tract neurons.](#)
*Itch is relieved by scratching, but the neural mechanisms that are...*25th June, 2009
University of Minnesota, Minneapolis, USA.- Nat Neurosci. 2009 May;12(5):544-6. Epub 2009 Apr 6. ([DOI Direct Link](#))
- [Corticofugal outputs facilitate acute, but inhibit chronic pain in rats.](#)
*It has been widely accepted that the primary somatosensory cortex (SI)...*11th June, 2009
Neuroscience Research Institute and Department of Neurobiology, Peking- Pain. 2009 Mar;142(1-2):108-15. Epub 2009 Jan 23. ([DOI Direct Link](#))
- [Computed tomography-guided percutaneous cordotomy for intractable pain in malignancy.](#)
*OBJECTIVE: Pain, usually a response to tissue damage, is accepted as an...*2nd May, 2009
Department of Neurosurgery, Ankara University School of Medicine, Sihhiye,- Neurosurgery. 2009 Mar;64(3 Suppl):187-93; discussion 193-4. ([DOI Direct Link](#))
- [Enhanced recovery of human spinothalamic function is associated with central neuropathic pain after SCI.](#)
*Spinothalamic tract (STT) dysfunction seems to be crucially involved in...*16th April, 2009
Spinal Cord Injury Centre, University Hospital Balgrist, Forchstrasse 340,- Exp Neurol. 2009 Apr;216(2):428-30. Epub 2009 Jan 7. ([DOI Direct Link](#))
- [Functional correlates of diffusion tensor imaging in spinal cord injury.](#)
*Diffusion tensor magnetic resonance imaging (DTI or DT-MRI) is sensitive...*15th January, 2009
Department of Biomedical Engineering, Marquette University, Milwaukee, WI,- Biomed Sci Instrum. 2008;44:28-33.

BioNews Results for Spinothalamic Tracts

- [Free flu vaccines](#)
Stanly News & Press: Nov 4 2009 7:21PM Matching: tracts

Spinothalamic Tracts Patents:



- 7524824- [Composition comprising Xanthoceras sorbifolia extracts, compounds isolated from same, methods for preparing same and uses thereof](#)
- 6410561- [Amide derivatives and nociceptin antagonists](#)
- 6903094- [Amide derivatives and nociceptin antagonists](#)
- 6978180- [System and method for stimulation of a person's brain stem](#)
- 7076307- [Method and system for modulating the vagus nerve \(10th cranial nerve\) with electrical pulses using implanted and external components, to provide therapy neurological and neuropsychiatric disorders](#)
- 7130691- [Method for eradicating pain of central origin resulting from spinal cord injury](#)
- 7191012- [Method and system for providing pulsed electrical stimulation to a cranial nerve of a patient to provide therapy for neurological and neuropsychiatric disorders](#)
- 7349743- [System, method, and resilient neurological stimulation lead for stimulation of a person's nerve tissue](#)
- 7374760- [Methods and compositions for nerve regeneration](#)
- 7444184- [Method and system for providing therapy for bulimia/eating disorders by providing electrical pulses to vagus nerve\(s\)](#)
- 7483734- [Treatment apparatus for applying electrical impulses to the body of a patient](#)
- 7486995- [System and method for stimulation of a person's brain stem](#)
- 5676691- [Treatment of vascular and tension headache, atypical facial pain, and cervical muscle hyperactivity](#)

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