

Axons

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Recent Publications on Axons:



- [Functional Heterogeneity at Dopamine Release Sites.](#)
*Although drugs used to treat several neurological diseases are presumed to...*20th November, 2009
Neuroscience Program, Garvan Institute of Medical Research, Sydney, New- J Neurosci. 2009 Nov 18;29(46):14670-14680. ([DOI Direct Link](#))
- [Schwann Cells Inhibit Ectopic Clustering of Axonal Sodium Channels.](#)
*The clustering of voltage-gated sodium channels at the axon initial...*20th November, 2009
Department of Developmental Biology, Stanford University School of- J Neurosci. 2009 Nov 18;29(46):14408-14414. ([DOI Direct Link](#))
- [A novel potassium channel blocker, 4-AP-3-MeOH, inhibits fast potassium channels and restores axonal conduction in injured guinea pig spinal cord white matter.](#)
*We have demonstrated that 4-AP-3-MeOH, a 4-aminopyridine derivative,...*20th November, 2009
Purdue University.- J Neurophysiol. 2009 Nov 18. ([DOI Direct Link](#))
- [Retrograde axon transport of herpes simplex virus and pseudorabies virus: a live-cell comparative analysis.](#)
*Upon entry, neuroinvasive herpesviruses traffic from axon terminals to the...*20th November, 2009
Department of Microbiology-Immunology, Northwestern University Feinberg- J Virol. 2009 Nov 18. ([DOI Direct Link](#))
- [Accessory mandibular foramina: Histological and immunohistochemical studies of their contents.](#)
*Although accessory foramina of a human mandible are consistent findings...*20th November, 2009
Department of Anatomy, Poznan University of Medical Sciences, 6 Swiecicki- Arch Oral Biol. 2009 Nov 16. ([DOI Direct Link](#))
- [Molecular targets for axon regeneration: focus on the intrinsic pathways.](#)
*Axonal damage and degeneration are prominent components of acute...*20th November, 2009
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- [Development of oral cladribine for the treatment of multiple sclerosis.](#)
*Multiple sclerosis (MS) is a chronic immune-mediated disorder of the CNS...*19th November, 2009
Department of Neurology, Heinrich-Heine-University, Moorenstr. 5, 40225,- J Neurol. 2009 Nov 18. ([DOI Direct Link](#))
- [Visualization of myelination in GFP-transgenic zebrafish.](#)
*The insulation of axons in the vertebrate nervous system by myelin is...*18th November, 2009
Department of Biology and GRAFT, Chungnam National University, Daejeon,- Dev Dyn. 2009 Nov 13. ([DOI Direct Link](#))

- [Novel microfluidic platform for culturing neurons: Culturing and biochemical analysis of neuronal components.](#)
*Neurons, one of the most polarized types of cells, are typically composed...*18th November, 2009
BioMEMS Team, Electronics and Telecommunication Research Institute,- Biotechnol J. 2009 Nov 13;4(11):1573-1577. ([DOI Direct Link](#))
- [Enhanced dendritic activity in awake rats.](#)
*Almost nothing is known about dendritic activity in awake animals and even...*18th November, 2009
Department of Physiology, University of Bern, Buhlplatz 5, CH-3012 Bern,- Proc Natl Acad Sci U S A. 2009 Nov 16. ([DOI Direct Link](#))
- [Regulation of neurite extension by expression of LECT2 and neurotrophins based on findings in LECT2-knockout mice.](#)
*Leukocyte cell-derived chemotaxin 2 (LECT2) was first isolated as a...*18th November, 2009
Department of Biomolecular Science, Graduate School of Science, Toho- Brain Res. 2009 Nov 13. ([DOI Direct Link](#))
- [The C5a anaphylatoxin receptor CD88 is expressed in presynaptic terminals of hippocampal mossy fibres.](#)
*ABSTRACT: BACKGROUND: In the periphery, C5a acts through the G-protein...*18th November, 2009
- J Neuroinflammation. 2009 Nov 16;6(1):34. ([DOI Direct Link](#))
- [Optimal axonal and dendritic branching strategies during the development of neural circuitry.](#)
*In developing brain, axons and dendrites are capable of connecting to each...*17th November, 2009
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- [Presynaptic translation: stepping out of the postsynaptic shadow.](#)
*The ability of the nervous system to convert transient experiences into...*17th November, 2009
Department of Neuroscience, Brown University Providence, RI, USA.- Front Neural Circuits. 2009;3:17. Epub 2009 Nov 4. ([DOI Direct Link](#))
- [Cocultures of Rat Sensorimotor Cortex and Spinal Cord Slices to Investigate Corticospinal Tract Sprouting.](#)
*STUDY DESIGN.: Experimental study of corticospinal axonal sprouting in an...*25th July, 2009
From the *University Hospital for Orthopaedic Surgery Friedrichsheim,- Spine (Phila Pa 1976). 2009 Nov 1;34(23):2494-2499. ([DOI Direct Link](#))

Axons Patents:



- 7595306- [Method of treating neurodegenerative disease](#)
- 7601829- [Nucleic acids and proteins of insect Or83b odorant receptor genes and uses thereof](#)
- 7603174- [Stimulation of the amygdalohippocampal complex to treat neurological conditions](#)
- 7604993- [Combined regulation of neural cell production](#)
- 7605128- [Neurogenerative or neurotrophic factors for mitigating a symptom of ischemia](#)
- 7605174- [Indane derivatives as modulators of ion channels](#)
- 7605185- [Treatment of arrhythmia by retinoids affecting signal transduction](#)
- 7605229- [PRO87299 polypeptides](#)
- 7605240- [Methods of treating diarrhea and bloating caused by small intestinal bacterial overgrowth](#)
- 7608259- [Methods of cancer diagnosis and therapy targeted against a cancer stem line](#)

- 7608263- [RG1 antibodies and uses thereof](#)
- 7601738- [Excitatory amino acid receptor antagonists](#)
- 7601718- [Compositions useful as inhibitors of protein kinases](#)
- 7595319- [Compounds having selective inhibiting effect at GSK3](#)
- 7595321- [Compounds having selective inhibiting effect at GSK3](#)
- 7596414- [Cuff electrode arrangement for nerve stimulation and methods of treating disorders](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7598356- [Method for purifying a protein of the cystine-knot superfamily](#)
- 7599736- [Method and apparatus for neuromodulation and physiologic modulation for the treatment of metabolic and neuropsychiatric disease](#)
- 7601394- [Gradient fabrication to direct transport on a surface](#)
- 7601514- [Nucleic acid encoding PRO10268 polypeptides](#)
- 7601525- [Alginate gel scaffold having a plurality of continuous parallel microtubular copper capillaries](#)
- 7601685- [Growth factor modified protein matrices for tissue engineering](#)
- 7608406- [Diagnostic markers of stroke and cerebral injury and methods of use thereof](#)
- 7608412- [P62 as a diagnostic tool for alzheimer's disease](#)
- 7608629- [\(Piperidinyloxy\)phenyl, \(piperidinyloxy\)pyridinyl, \(piperidinylsulfanyl\)phenyl and \(piperidinylsulfanyl\)pyridinyl compounds as 5-HT.sub.1F agonists](#)
- 7613520- [Spinal cord stimulation to treat auditory dysfunction](#)
- 7615373- [Electroprocessed collagen and tissue engineering](#)
- 7615540- [Formulations comprising antisense nucleotides to connexins](#)
- 7615563- [Compositions useful as inhibitors of voltage-gated sodium channels](#)
- 7615565- [VEGFR-2 and VEGFR-3 inhibitory anthranilamide pyridines](#)
- 7615569- [Inhibitors of ion channels](#)
- 7615676- [Transgenic screen and method for screening modulators of brain-derived neurotrophic factor \(BDNF\) production](#)
- 7616998- [Electrical stimulation of structures within the brain](#)
- 7617003- [System for selective activation of a nerve trunk using a transvascular reshaping lead](#)
- 7618622- [Treatment of Parkinson's disease and related disorders using postpartum derived cells](#)
- 7613519- [Peripheral nerve stimulation to treat auditory dysfunction](#)
- 7612880- [Advanced polarization imaging method, apparatus, and computer program product for retinal imaging, liquid crystal testing, active remote sensing, and other applications](#)
- 7608643- [Compounds for inhibiting KSP kinesin activity](#)
- 7608978- [Sensing systems utilizing acoustic wave devices](#)
- 7610096- [Methods for treating central nervous system damage](#)
- 7610100- [Methods and systems for treating osteoarthritis](#)
- 7610103- [Electrode arrangement for nerve stimulation and methods of treating disorders](#)
- 7611706- [RG1 antibodies and uses thereof](#)
- 7611858- [Detection of cannabinoid receptor biomarkers and uses thereof](#)
- 7612096- [Methods for treatment, modification and management of radiculopathy using 1-oxo-2-\(2,6-dioxopiperidin-3yl\)-4-aminoisoindoline](#)
- 7612183- [Humanised anti-mag antibody or functional fragment thereof](#)
- 7612226- [Amino acid derivatives](#)
- 7620456- [Systems and methods for reducing the likelihood of inducing collateral neural activity during neural stimulation threshold test procedures](#)

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