

Spreading Cortical Depression

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Recent Publications on Spreading Cortical Depression:



- [Propagation of spreading depression inversely correlates with cortical myelin content.](#)
*OBJECTIVE: Cortical myelin can be severely affected in patients with...*30th October, 2009
Department of Neuropathology, University Medical Center, Georg August- Ann Neurol. 2009 Sep;66(3):355-65. ([DOI Direct Link](#))
- [Unilateral cortical spreading depression induced by sound in rats.](#)
*Cortical spreading depression (SD) is thought to underlie the migraine...*21st October, 2009
Institute of Higher Nervous Activity and Neurophysiology, Russian Academy- Brain Res. 2009 Aug 25;1286:201-7. Epub 2009 Jun 25. ([DOI Direct Link](#))
- [Drug/nutrition interaction in the developing brain: dipyron enhances spreading depression in rats.](#)
*The abuse of pharmaceutical drugs and the inadequate ingestion of...*30th September, 2009
Department of Nutrition, Universidade Federal de Pernambuco, 50670901- Exp Neurol. 2009 Oct;219(2):492-8. Epub 2009 Jul 2. ([DOI Direct Link](#))
- [Persistent increase in oxygen consumption and impaired neurovascular coupling after spreading depression in rat neocortex.](#)
*Cortical spreading depression (CSD) is associated with a dramatic failure...*29th September, 2009
Department of Neuroscience and Pharmacology, The Panum Institute,- J Cereb Blood Flow Metab. 2009 Sep;29(9):1517-27. Epub 2009 Jun 10. ([DOI Direct Link](#))
- [Automated-parameterization of the motor evoked potential and cortical silent period induced by transcranial magnetic stimulation.](#)
*OBJECTIVE: To standardize the characterization of motor evoked potential...*29th August, 2009
Research Imaging Center, University of Texas Health Science Center at San- Clin Neurophysiol. 2009 Aug;120(8):1577-87. Epub 2009 Jun 25. ([DOI Direct Link](#))
- [Recurrent Wernicke's aphasia: migraine and not stroke!](#)
*We report the clinical findings of a 40-year-old woman with recurrent...*26th August, 2009
Department of Neurology, University Hospital of Lausanne, CHUV, Lausanne,- Headache. 2009 May;49(5):765-8. ([DOI Direct Link](#))
- [Molecular genetics of migraine.](#)
*Migraine is an episodic neurovascular disorder that is clinically divided...*26th August, 2009
Department of Human Genetics, Leiden University Medical Centre, PO Box- Hum Genet. 2009 Jul;126(1):115-32. Epub 2009 May 20. ([DOI Direct Link](#))
- [Identification of potential neuromotor mechanisms of manual therapy in patients with musculoskeletal disablement: rationale and description of a clinical trial.](#)
*BACKGROUND: Many health care practitioners use a variety of hands-on...*25th August, 2009

Neuroplasticity and Imaging Laboratory, Division of Biokinesiology and- BMC Neurol. 2009 May 21;9:20. ([DOI Direct Link](#))

- [Preliminary evidence that ketamine inhibits spreading depolarizations in acute human brain injury.](#)
*BACKGROUND AND PURPOSE: Spreading depolarizations, characterized by large...*20th August, 2009
Department of Neurosurgery, University of Heidelberg, Im Neuenheimer Feld- Stroke. 2009 Aug;40(8):e519-22. Epub 2009 Jun 11. ([DOI Direct Link](#))
- [Cardiac workup of ischemic stroke: can we improve our diagnostic yield?](#)
*BACKGROUND AND PURPOSE: Discovering potential cardiac sources of stroke is...*20th August, 2009
Department of Neurology, University of Massachusetts Medical Center, 55- Stroke. 2009 Aug;40(8):2893-8. Epub 2009 May 28. ([DOI Direct Link](#))
- [Early vibrissae removal facilitates cortical spreading depression propagation in the brain of well-nourished and malnourished developing rats.](#)
*Reduced sensory input activity during brain development can induce...*13th August, 2009
Department of Nutrition, Laboratory of Physiology, Universidade Federal de- Int J Dev Neurosci. 2009 Aug;27(5):431-7. Epub 2009 May 19. ([DOI Direct Link](#))
- [Suppression of spreading depression-like events in locusts by inhibition of the NO/cGMP/PKG pathway.](#)
*Despite considerable research attention focused on mechanisms underlying...*6th August, 2009
Department of Biology, Queen's University, Kingston, Ontario K7L 3N6,- J Neurosci. 2009 Jun 24;29(25):8225-35. ([DOI Direct Link](#))
- [L-glutamine supplementation during the lactation period facilitates cortical spreading depression in well-nourished and early-malnourished rats.](#)
*AIMS: Glutamine (Gln) participates in the so-called "brain..."*31st July, 2009
Department of Nutrition, Universidade Federal de Pernambuco, 50670901- Life Sci. 2009 Jul 31;85(5-6):241-7. Epub 2009 Jun 7. ([DOI Direct Link](#))
- [The role of extracellular potassium dynamics in the different stages of ictal bursting and spreading depression: a computational study.](#)
*Experimental evidences point out the participation of nonsynaptic...*7th July, 2009
Department of Biomedical Engineering, UNICAMP, Caixa Postal 6040,- J Theor Biol. 2009 May 21;258(2):219-28. Epub 2009 Feb 7. ([DOI Direct Link](#))
- [Migraine and cardiovascular disease: possible mechanisms of interaction.](#)
*Migraine, especially migraine with aura (MA), is an established risk...*26th June, 2009
Department of Neurology, Albert Einstein College of Medicine, Bronx, NY,- Neurology. 2009 May 26;72(21):1864-71. ([DOI Direct Link](#))

Spreading Cortical Depression Clinical Trials:



- [Observational Study of Cortical Spreading Depression in Human Brain Trauma](#)

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