

Acoustic Stimulation

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Recent Publications on Acoustic Stimulation:

- [Glycine-mediated changes of onset reliability at a mammalian central synapse.](#)
*Glycine is an inhibitory neurotransmitter activating a chloride...*9th October, 2008
Institute of Biology II, University of Leipzig, Talstrasse 33, 04103- Neuroscience. 2008 Sep 11. ([DOI Direct Link](#))
- [Effects of music on memory for text.](#)
*Previous research has suggested that the use of song can facilitate recall...*9th October, 2008
Griffith University.- Percept Mot Skills. 2008 Jun;106(3):927-57.
- [Enumeration produces poor primacy for tactile presentation relative to visual and auditory presentation as the only modality effect.](#)
*Methodological biases may help explain the modality effect, which is...*9th October, 2008
Christopher Newport University, 1 University Place, Newport News, VA- Percept Mot Skills. 2008 Jun;106(3):795-810.
- [Detecting awareness in children by using an auditory intervention.](#)
*BACKGROUND: The incidence of awareness has been reported to be higher in...*8th October, 2008
Department of Anaesthesia, Royal Children's Hospital, Melbourne,- Anesthesiology. 2008 Oct;109(4):619-24. ([DOI Direct Link](#))
- [Neural correlates of partial lexical activation.](#)
*As a spoken word unfolds over time, it is temporarily consistent with the...*7th October, 2008
Department of Brain and Cognitive Sciences, University of Rochester,- Proc Natl Acad Sci U S A. 2008 Sep 2;105(35):13111-5. Epub 2008 Aug 25. ([DOI Direct Link](#))
- [Object continuity enhances selective auditory attention.](#)
*In complex scenes, the identity of an auditory object can build up across...*7th October, 2008
Department of Cognitive and Neural Systems, Boston University, 677 Beacon- Proc Natl Acad Sci U S A. 2008 Sep 2;105(35):13174-8. Epub 2008 Aug 21. ([DOI Direct Link](#))
- [\[Electrophysiology: mismatch negativity and prognosis of coma\]](#)
*Interaural time difference (ITD) plays a central role in many auditory...*26th September, 2008
Federation de neurophysiologie clinique, Hopital Pitie-Salpetriere, Paris.- Rev Neurol (Paris). 2008 Mar;164 Spec No 1:F34-5.
- [Genetic dissection of the role of catechol-O-methyltransferase in cognition and stress reactivity in mice.](#)
*The COMT (catechol-O-methyltransferase) gene has been linked to a spectrum...*19th September, 2008
Clinical Brain Disorders Branch, Genes, Cognition and Psychosis Program,- J Neurosci. 2008 Aug 27;28(35):8709-23. ([DOI Direct Link](#))

- [Binaural jitter with cochlear implants, improved interaural time-delay sensitivity, and normal hearing.](#)
*Interaural time difference (ITD) plays a central role in many auditory...*17th September, 2008
- Proc Natl Acad Sci U S A. 2008 Aug 12;105(32):E51; author reply E52. Epub ([DOI Direct Link](#))
- [Cross-correlation in the auditory coincidence detectors of owls.](#)
*Interaural time difference (ITD) plays a central role in many auditory...*10th September, 2008
Division of Biology, California Institute of Technology, Pasadena,- J Neurosci. 2008 Aug 6;28(32):8107-15. ([DOI Direct Link](#))
- [Changes in N1 and P3 components of the auditory event-related potentials in extroverts and introverts depending on the type of the task.](#)
*AIM: The aim of the study was to examine the interconnection between N1...*5th September, 2008
Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria.- Folia Med (Plovdiv). 2008 Apr-Jun;50(2):24-31.
- [Interference risk and the function of dynamic shifts in calling in the gray treefrog \(*Hyla versicolor*\).](#)
*Male gray treefrogs call to attract females under challenging acoustic...*30th August, 2008
Department of Biology and Health Sciences, Pace University, Pleasantville,- J Comp Psychol. 2008 Aug;122(3):283-8. ([DOI Direct Link](#))
- [Vocal analysis related to changes in frequency of pure tone auditory feedback.](#)
*PURPOSE: Many studies have shown that subjects show a change of vocal...*30th August, 2008
Department of Otorhinolaryngology-Head and Neck Surgery, Kangbuk Samsung- Yonsei Med J. 2008 Aug 30;49(4):610-4. ([DOI Direct Link](#))
- [\[Prenatal acoustic stimulation and feeding behavior of Japanese quail chicks \(*Coturnix coturnix japonica*\)\]](#)
*Effects of a prenatal rhythmic tone on behavior of Japanese quail chicks...*30th August, 2008
- Aviakosm Ekolog Med. 2007 Jan-Feb;41(1):47-50.
- [\[The remote effects of neonatal injections of caffeine and piracetam on audiogenic seizure susceptibility in mice of three genotypes\]](#)
*Neonatal DBA/2J, 101/HY and CBA/Lac/Sto mice (2-7-day-old) were...*12th August, 2008
- Zh Vyssh Nerv Deiat Im I P Pavlova. 2008 May-Jun;58(3):368-75.

Acoustic Stimulation Clinical Trials:



- [The Efficacy of Familiar Voice Stimulation During Coma Recovery](#)
Traumatic Brain Injury; Coma; Vegetative State; Minimally Conscious State

Acoustic Stimulation Patents:



- 7044942- [Implantable fluid delivery apparatuses and implantable electrode](#)
- 7194314- [Cochlear implant including a modiolar return electrode](#)

- 7197350- [Device for determining acoustically evoked brainstem potentials](#)
- 7204799- [Microphone optimized for implant use](#)
- 7204800- [Implantable hearing aid transducer interface](#)
- 7210526- [Solid state pump](#)
- 7211060- [Ultrasound bandages](#)
- 7213650- [System and method for scale removal in oil and gas recovery operations](#)
- 7213681- [Acoustic stimulation tool with axial driver actuating moment arms on tines](#)
- 7214179- [Low acceleration sensitivity microphone](#)
- 7216738- [Acoustic stimulation method with axial driver actuating moment arms on tines](#)
- 7173263- [Optical switching in lithography system](#)
- 7166070- [Method and apparatus for acoustical stimulation of the brain](#)
- 7165451- [Methods for using resonant acoustic and/or resonant acousto-EM energy to detect and/or effect structures](#)
- 7059403- [Electroacoustic method and device for stimulation of mass transfer processes for enhanced well recovery](#)
- 7059413- [Method for intensification of high-viscosity oil production and apparatus for its implementation](#)
- 7063144- [Acoustic well recovery method and device](#)
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- 7111598- [Pivoting actuator system for controlling the stroke of a gas exchange valve in the cylinder head of an internal combustion engine](#)
- 7112965- [Low-impact noise acquisition magnetic resonance imaging](#)
- 7115399- [Pinna reflex assay](#)
- 7123732- [Process to adapt the signal amplification in a hearing device as well as a hearing device](#)
- 7154928- [Laser output beam wavefront splitter for bandwidth spectrum control](#)
- 7162970- [Automatic milking device with a controllable stimulation device and stimulation system](#)
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- 7223245- [Method and apparatus for automatic non-cooperative frequency specific assessment of hearing impairment and fitting of hearing aids](#)
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- 7351252- [Method and apparatus for photothermal treatment of tissue at depth](#)
- 7354394- [Soft tissue placement of implantable microphone](#)
- 7354395- [Methods and apparatus for acoustical stimulation of the brain](#)
- 7364276- [Continuous ink jet apparatus with integrated drop action devices and control circuitry](#)
- 7376563- [System for rehabilitation of a hearing disorder](#)
- 7398166- [Method and apparatus for the measurement of the acoustic impedance](#)
- 7401906- [Ink jet break-off length controlled dynamically by individual jet stimulation](#)
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- 7333846- [Method and apparatus for functional magnetic resonance imaging](#)
- 7320222- [Burner, method for operating a burner and gas turbine](#)
- 7296318- [Toothbrush employing an acoustic waveguide](#)
- 7226406- [At least partially implantable hearing system](#)
- 7238223- [Acoustical stimulation of vapor diffusion system and method](#)
- 7241258- [Passive vibration isolation of implanted microphone](#)
- 7246493- [Gas turbine](#)
- 7249829- [High speed, high quality liquid pattern deposition apparatus](#)
- 7249830- [Ink jet break-off length controlled dynamically by individual jet stimulation](#)
- 7261693- [Soft tissue diagnostic apparatus and method](#)
- 7276058- [Method and apparatus for treatment of cutaneous and subcutaneous conditions](#)
- 7283874- [Acoustically powered implantable stimulating device](#)
- 7288469- [Methods and apparatuses for forming an article](#)
- 7413010- [Remediation of subterranean formations using vibrational waves and consolidating agents](#)

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