

Cochlear Implants Models Of The Electrically Stimulated Ear

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COCHLEAR IMPLANTS MODELS OF THE ELECTRICALLY STIMULATED EAR

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COCHLEAR IMPLANTS - SPRINGER

Thu, 11 May 2017 17:42:00 GMT

cochlear implants models of the electrically ... introduction to models of the electrically stimulated ear. ... speech perceptual studies on cochlear implant ...

COCHLEAR IMPLANTS : MODELS OF THE ELECTRICALLY STIMULATED EAR

Fri, 12 May 2017 03:58:00 GMT

cochlear implants : models of the electrically stimulated ear. ... models of the electrically stimulated ear ... speech features with cochlear implants as well as ...

DEVELOPMENT OF A MODEL OF THE ELECTRICALLY STIMULATED COCHLEA

Sun, 26 Mar 2017 14:55:00 GMT

development of a model of the electrically stimulated ... site of neural stimulation. this model was used to ... of each cochlear implant for different stimulation ...

COCHLEAR IMPLANT - WIKIPEDIA

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the electrodes electrically stimulate the cochlear nerve, ... the internal part of a cochlear implant (model cochlear ... brain implant; ear trumpet ...

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DETECTION OF PULSE TRAINS IN THE ELECTRICALLY STIMULATED ...

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detection of pulse trains in the electrically stimulated cochlea: effects of ... of cochlear implant stimulation. ... cochlear implants in a hearing ear ...

COCHLEAR IMPLANTS AND ELECTRICAL STIMULATION

Tue, 02 May 2017 12:59:00 GMT

cochlear implants and electrical stimulation; ... cochlear implants. ... hair cells in the inner ear. because of this, cochlear implants are strictly ...

ELECTRIC ACOUSTIC STIMULATION - WIKIPEDIA

Tue, 09 May 2017 14:53:00 GMT

electric acoustic stimulation (eas) is the use of a hearing aid and a cochlear implant together in the same ear.

COCHLEAR IMPLANTS: A TUTORIAL FROM SOUND TO STIMULUS

Mon, 03 Apr 2017 23:28:00 GMT

cochlear implants: a tutorial from sound to stimulus ... electrode stimulation in cochlear implants is ... models of the electrically stimulated ear ...

SPATIAL SELECTIVITY IN A ROTATIONALLY SYMMETRIC MODEL OF ...

Sat, 10 Dec 2016 06:16:00 GMT

spatial selectivity in a rotationally symmetric model of the electrically stimulated ... channels that can be applied in a cochlear implant with ...

DETECTION OF PULSE TRAINS IN THE ELECTRICALLY STIMULATED ...

Wed, 26 Apr 2017 10:00:00 GMT

detection of pulse trains in the electrically stimulated cochlea: effects ... electrically stimulated ... in cochlear implant: models of the electrically ...

COCHLEARIMPLANT(ADVANCED(BIONICS(COCHLEAR(NUCLEUS)(MED ...

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sequential&stimulation& 32,000&hertz& ... electrically&evoked& compound&action& potential& ... cochlear&implant models

TOWARD NEW GENERATION AUDITORY BRAINSTEM IMPLANTS ...

Sat, 22 Apr 2017 14:23:00 GMT

toward new generation auditory brainstem implants: electrical and ... stimulation was usually poor in a rat model, ... electrically stimulate the cochlear ...

COCHLEAR IMPLANTS - MODELS OF THE ELECTRICALLY STIMULATED ...

Mon, 06 Mar 2017 01:28:00 GMT

cochlear implants models of the electrically stimulated ear. herausgeber: miller, joseph m., spelman, francis a. (eds.)

IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, VOL. 46, NO ...

Sun, 26 Mar 2017 08:14:00 GMT

a stochastic model of the electrically stimulated ... cochlear implant, function-al electrical ... the bionic ear institute, the crc for cochlear implants, ...

BETTER SPEECH RECOGNITION WITH COCHLEAR IMPLANTS - NATURE

Wed, 17 Jul 1991 23:57:00 GMT

better speech recognition with cochlear implants. ... d. t. in cochlear implants: models of the electrically stimulated ear ... s. in cochlear implant: ...

COCHLEAR IMPLANT WITH NO EXTERIOR HARDWARE CAN BE ...

Sat, 08 Feb 2014 23:53:00 GMT

cochlear implant with no exterior hardware can be wirelessly recharged. ... 2013 — cochlear implants, electrical prosthetic devices that stimulate inner ear ...

THE BINAURAL DIGISONIC COCHLEAR IMPLANT: SURGICAL TECHNIQUE

Sat, 29 Apr 2017 20:05:00 GMT

the binaural digisonic cochlear implant: surgical technique ... channels in an electrically stimulated ear is limited ... the binaural digisonic cochlear implant is a ...

IMPROVING SPEECH INTELLIGIBILITY IN COCHLEAR IMPLANTS ...

Tue, 09 May 2017 16:04:00 GMT

improving speech intelligibility in cochlear implants using ... human ear via electrical stimulation. cochlear ... etc. various cochlear implant simulation models ...

THREE-DIMENSIONAL SPIRALING FINITE ELEMENT MODEL OF THE ...

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... element model of the electrically stimulated ... dimensional spiraling finite element model of the ... mechanisms of cochlear implant stimulation.

COCHLEAR IMPLANTS FLASHCARDS | QUIZLET

Fri, 12 May 2017 03:22:00 GMT

cochlear implants: bypass damaged hair ... transmits electric signal to internal stimulator. 3 implant companies. ... possible benefits of a cochlear implant

DETECTION OF PULSE TRAINS IN THE ELECTRICALLY STIMULATED ...

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perception of electrical stimuli varies widely across users of cochlear implants and across stimulation ... to electrical stimulation ... of cochlear pathology ...

LUMPED-PARAMETER MODEL FOR IN VIVO COCHLEAR STIMULATION

Mon, 06 Mar 2017 23:54:00 GMT

lumped-parameter model for in vivo cochlear stimulation on researchgate, ... lumped-parameter model for in vivo cochlear stimulation. article ...

COCHLEAR IMPLANTS - UNIVERSITY OF MINNESOTA DULUTH

Sun, 16 Apr 2017 23:13:00 GMT

cochlear implants. abstract: when a ... history of cochlear implant. how the ear works. ... laser-based cochlear implant. electric stimulation isn't precise.

NIDCD FACT SHEET COCHLEAR IMPLANTS

Thu, 11 May 2017 03:38:00 GMT

into electric impulses. • an ... receiver/stimulator microphone electrode ear with cochlear ... implant or a hearing aid in the other ear. nided fact sheet cochlear ...

THE DEVELOPMENT OF THE NUCLEUS® FREEDOM™ COCHLEAR IMPLANT ...

Thu, 30 Nov 2006 23:55:00 GMT

this article presents the development of cochlear's implant ... released the fourth-generation cochlear implant ... models of the electrically stimulated ear ...