

Cochlear Mechanics (Orl)

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Force Transmission in the Organ of Corti -

ORL J. Otorhinolaryngol. Relat. Spec. Fettiplace R. The actions of calcium on hair bundle mechanics in mammalian cochlear hair cells. Biophys. J. 2008; 94:2639

<https://www.pubmedcentral.nih.gov/pmc/articles/PMC2884234/>

Predicting the effect of post-implant cochlear -

Intracochlear scarring is a well-described sequela of cochlear implantation. We developed a mathematical model of passive cochlear mechanics to predict the impact

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3623675/>

Pitch Representations in the Auditory Nerve: Two -

Terry P. Orlando Professor of Electrical Engineering and Computer Science We relied on the principle of scaling invariance in cochlear mechanics to infer the

<http://dspace.mit.edu/bitstream/handle/1721.1/45830/319538199-MIT.pdf?sequence=2>

Cochlear Mechanics (Orl): F. B hnke: -

Cochlear Mechanics (Orl) [F. B hnke] on Amazon.com. *FREE* shipping on qualifying offers. Special Topic Issue: ORL 1999, Vol. 61, No. 5 This special issue collects

<http://www.amazon.com/Cochlear-Mechanics-Orl-F-B%C3%B6hnke/dp/3805569882>

Modelling Cochlear Mechanics - Europe PMC Article -

Most cochlear mechanics researchers reduce the real cochlea structure into a simple mathematical model with assumed physical and geometrical properties [12, 23].

<http://europepmc.org/articles/PMC4130145>

Cochlear Mechanics - Karger Publishers -

Cochlear Mechanics 91 figures, 3 in color, 4 tables, 275 Nonlinear Mechanics of the Inner Ear and Its Relation to
www.karger.com/journals/orl/orl_bk.htm Contents
<http://www.karger.com/Article/Pdf/27679>

Modelling Cochlear Mechanics - Hindawi Publishing -

H. Duifhuis, Cochlear Mechanics: Results from a realistic model of the human cochlea, ORL: Journal for Oto-RhinoLaryngology and Its Related Specialties,
<http://www.hindawi.com/journals/bmri/2014/150637/ref/>

VIBRANT - MED-EL -

Cochlear Mechanics and Otoacoustic Emissions, 68:378-385, ORL 2006 Colletti V, Soli S, International Journal of Audiology 45:600_608, 2006 Huber A,
<http://www.vibroplasty.at/Professional/int/Publication/index.asp?m=4>

Tectorial membrane - Wikipedia, the free -

ORL 48 (2): 107 115. doi:10 "The effect of tectorial membrane and basilar membrane longitudinal coupling in cochlear mechanics". Cochlear labyrinth: General
[https://en.m.wikipedia.org/wiki/Tectorial_membrane_\(cochlea\)](https://en.m.wikipedia.org/wiki/Tectorial_membrane_(cochlea))

PLOS ONE: A Resonance Approach to Cochlear -

This alternative approach to cochlear mechanics shows that a travelling wave can simply arise as an apparently moving amplitude peak which passes along a ORL
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0047918>

Evoked Oto-acoustic Emissions from Adults and -

Evoked Oto-acoustic Emissions from Adults and Infants: Clinical Applications From INSERM U-254 and Clinique ORL, H. An active process in cochlear mechanics.
<http://informahealthcare.com/doi/pdf/10.3109/00016488809119499>

Harmonic distortion on the basilar membrane in the -

The effect of tectorial membrane and basilar membrane longitudinal coupling in cochlear mechanics, Nonlinearity in Intracochlear Pressure, ORL, 2006, 68, 6, 359.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1469-7793.1998.277bo.x/citedby>

In Vivo Impedance of the Gerbil Cochlear Partition -

ORL J. Otorhinolaryngol. Relat. Spec. 1999; 61: 238-251. 43 The importance of phase data and model dimensionality to cochlear mechanics. CrossRef | PubMed

[http://www.cell.com/biophysj/references/S0006-3495\(09\)01149-7](http://www.cell.com/biophysj/references/S0006-3495(09)01149-7)

Paradoxical Enhancement of Active Cochlear -

The data revealed that long-term administration of salicylate could paradoxically enhance active cochlear mechanics. ORL J Otorhinolaryngol Relat Spec 58:

<http://jn.physiology.org/content/93/4/2053>

Cochlear Mechanics (ORL): Amazon.es: F. Bohnke: -

This special issue collects our current knowledge of the mechanical processing of acoustic signals by the cochlea and its containing structures.

<http://www.amazon.es/Cochlear-Mechanics-ORL-F-Bohnke/dp/3805569882>

ARTICLES | Physiological Reviews -

Cochlear Outer Hair Cell Motility. Jonathan Ashmore. AUDITORY PHYSIOLOGY AND COCHLEAR MECHANICS. The mammalian cochlea of the inner ear is a fluid-filled duct.

<http://physrev.physiology.org/content/88/1/173>

Instrumentation for studies of cochlear mechanics: -

Some of the seminal findings and the controversies of cochlear mechanics are mentioned in relation to the technical ORL J. Otorhinolaryngol. Relat. Spec., 68

<http://www.sciencedirect.com/science/article/pii/S037859551200202X>

Cochlear Fluid Space Dimensions for Six Species -

Cochlear Fluid Space Dimensions for Six Species discrete model of cochlear mechanics, The Journal of the Modeling of the Human Inner Ear, ORL,

<http://onlinelibrary.wiley.com/doi/10.1097/00005537-199910000-00021/citedby>

SENSORY PHYSIOLOGY Membrane cholesterol modulates -

suggesting that a similar manipulation would alter cochlear mechanics. We examined cochlear function before and after depletion ORL J Otorhinolaryngol

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.290.7721>

Quantitative X-ray Tomography of the Mouse Cochlea -

Three-dimensional reconstructions of the mouse cochlea have been created using the thus disturb normal cochlear mechanics and cochlear ORL J Otorhinolaryngol

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0033568>

Short and long waves in the cochlea - -

Typical impedance for fixed frequency On the physical background of the point-impedance characterization of the basilar membrane in cochlear mechanics.

<http://www.sciencedirect.com/science/article/pii/S0378595580900830>

Phase-Locked Responses to Tones of Chinchilla -

Phase-Locked Responses to Tones of Chinchilla Auditory Nerve Fibers: Implications for Apical Cochlear Mechanics

<http://link.springer.com/article/10.1007%2Fs10162-009-0197-4>

Mechanics of the Ear and Otoacoustic Emissions: -

The thirteen contributions included in this special issue of "ORL" bring together basic research and clinical applications of the mechanics of the ear.

<http://www.amazon.it/Mechanics-Ear-Otoacoustic-Emissions-Dedicated/dp/3805582048>

Instrumentation for Studies of Cochlear Mechanics: -

Stroboscopic instrumentation. The key developments that enabled von Békésy's work on cochlear mechanics certainly included his methods for holding, drilling and

<http://europepmc.org/articles/PMC3483786>

Von Békésy and cochlear mechanics - National -

Georg Békésy laid the foundation for cochlear mechanics, foremost by demonstrating the traveling wave that is the substrate for mammalian cochlear mechanical

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3572775/>

Intracochlear Pressure and Organ of Corti -

Cochlear Mechanics and Otoacoustic Emissions 15100009/ D 10. O: I 95279 Intracochlear Pressure and Organ of Corti Impedance from a Linear Active 366 ORL 2006

<http://web.stanford.edu/~chasst/cochlea/Bingabr/YoonPuriaSteeleORL2006.pdf>

New Aspects of Cochlear Mechanics and Inner Ear -

New Aspects of Cochlear Mechanics and Inner Ear Pathophysiology by C R Pfaltz starting at \$0.99. New Aspects of Cochlear Mechanics and Inner Ear Pathophysiology has 1

<http://www.alibris.com/New-Aspects-of-Cochlear-Mechanics-and-Inner-Ear-Pathophysiology-C-R-Pfaltz/book/4634469>