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所有發表期刊論文

1. **Jen-Fang Yu**, Kun-Che Lee, "Determining Optimal Placement of Bone-Anchored Hearing Aids on the Mastoid by Finite Element Model Analysis". The IEEE Transactions on Biomedical Engineering ( under review)
2. **Jen-Fang Yu**, Kun-Che Lee, "Curvature Measurement of Human Bilateral Cochleae". Medical engineering & physics ( under review)
3. Kun-Che Lee, **Jen-Fang Yu\***, Yi-Shin Lee, Guo-Jen Huang, Hsiao-Lung Chan, In-Tsang Lin, Jyh-Hong Chen, "In Vivo Sodium MRI for Mice Brain of Ischemic Stroke at 7 Tesla". Magnetic Resonance in Medical Sciences (under revision)
4. **Jen-Fang Yu**, Kun-Che Lee, Hui-Hung Lin, "T1 Relaxation Time Measurements of Sodium MRI:Phantoms and the Auditory Cortex of Rats". Concepts in Magnetic Resonance Part A ( under revision)
5. **Jen-Fang Yu**, Ying-Chin Peng, Hsiang-Hsi Hong, Chung-De Wu, Yi-Fen Chen, "Human amygdala activation by the sound produced during the dental treatment: A fMRI study". Noise & Health ( under revision)
6. **Jen-Fang Yu**, Ren-Hung Wang, Yen-Sheng Chen, Chun-Chieh Fan, Tsung-Hsien Tu, Ching-I Chen, Kuei-Yi Lin, 2014, "Anthropometry of External Auditory Canal by Non-contactable Measurement". Applied Ergonomics
7. Li-Ang Lee, **Jen-Fang Yu**, Yu-Lun Lo, Yen-Sheng Chen, Ding-Li Wang, Chih-Ming Cho, Yung-Lun Ni, Ning-Hung Chen, Tuan-Jen Fang, Chung-Guei Huang, Hsueh-Yu Li, 2013, "Energy Types of Snoring Sounds in Patients with Obstructive Sleep Apnea Syndrome: A Preliminary Observation". PLOS ONE. (accepted)
8. **Jen-Fang Yu**, Chia-Lun Fan, 2013, "Spatial imaging of the Human Tympanic Membrane". Applied Mechanics and Materials Vols. 284-287, pp1676-1680. doi:10.4028/www.scientific.net/AMM.284-287.1676 (EI).
9. **Jen-Fang Yu**, Kun-Che Lee, 2013, "Measurement of the Human Cochlear Spiral Curvature In Vivo". Applied Mechanics and Materials Vols. 284-287, pp1552-1558. doi:10.4028/www.scientific.net/AMM.284-287.1552 (EI).
10. **Jen-Fang Yu**, Chia-Lun Fan, 2013, "The non-invasive measurement of geometry of human ossicles". Applied Mechanics and Materials Vols. 284-287, pp1569-1573. doi:10.4028/www.scientific.net/AMM.284-287.1569 (EI) .
11. **Jen-Fang Yu**, Yen-Sheng Chen, 2013, "The head shadow phenomenon affected by sound source: in vitro measurement". Applied Mechanics and Materials Vols. 284-287, pp1715-1720. doi:10.4028/www.scientific.net/AMM.284-287.1715 (EI).
12. **Jen-Fang Yu**, Ching-I Chen, 2012, "Modeling the dynamic characteristics of human ossicles". Journal of Vibroengineering, v13, issue 4, ISSN 1392-8716. <http://www.jve.lt/Vibro/JVE-2012-14-4/JVE-2012-14-4-875.pdf>
13. **Jen-Fang Yu**, Go-Long Tsai, Chung-Chieh Fan, Ching-I Chen, Chia-Chi Cheng, Cheng-Chung Chen, 2012. "Non-invasive technique for *in vivo* Human Ear Canal Volume Measurement." Journal of Mechanics in Medicine and Biology. Vol. 12, No. 4 (2012) pp1250064-1~9 DOI: 10.1142/S0219519412500649

14. **Jen-Fang Yu**, Wei-De Cheng, 2012. "Effect of Canal Depth on Sound Pressure Level Distribution in Human Bilateral Ears." *Applied Mechanics and Materials*. Vol.145, pp63-67. DOI: 10.4028/www.scientific.net/AMM.145.63 (EI)
15. **Jen-Fang Yu**, Zi-Xiang Wei, Chin-Kuo Chen, Ching-I Chen, 2012. "The vibration analysis of bone conduction for bone anchored hearing aids: In-vivo human temporal bone." *Applied Mechanics and Materials*. Vol.145, pp93-98. DOI: 10.4028/www.scientific.net/AMM.145.93 (EI)
16. **Jen-Fang Yu**, Kun-Che Lee, Wei-Chung Chin, 2012. "Geometrical scaling for the measurement of in-vivo human inner ear." *Sensor Letters*. Volume 10, Numbers 5-6, pp1247-1251. DOI:10.1166/sl.2012.2261
17. **Jen-Fang Yu**, Yen-Sheng Chen, Hsueh-Yu Li, 2012. "The characteristics of snoring at pharyngeal anatomy in natural sleep: Snoring duration." *Journal of Mechanics*. Vol 28, No 1, pp91-95. DOI : 10.1017/jmech.2012.9
18. **Jen-Fang Yu**, Yen-Sheng Chen, Wei-De Cheng, 2011 . "Gain affected by the interior shape of ear canal". *Otolaryngology-Head And Neck Surgery*, v144, issue 6, pp945-949. doi: 10.1177/0194599810397853
19. **Jen-Fang Yu**, Ching-I Chen, Chia-Lun Fan, Chin-Kuo Chen, 2011. "Smoothing for the optimal surface of a 3D image model of the human ossicles". *Journal of Mechanics*. Vol. 27, I.03, pp431-436. DOI: 10.1017/jmech.2011.45
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25. [Tsung-Hsien Tu](https://doi.org/10.1115/1.2827366), **Jen-Fang Yu\***, [Hsin-Chung Lien](https://doi.org/10.1115/1.2827366), [Go-Long Tsai](https://doi.org/10.1115/1.2827366), [B. P. Wang](https://doi.org/10.1115/1.2827366), 2008. "Free Vibration Analysis of Frames Using the Transfer Dynamic Stiffness Matrix Method". *Journal of Vibration and Acoustics*, v130, n2. pp024501-1~3 <http://dx.doi.org/10.1115/1.2827366>
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