

Recent Publications Tom Talavage

Serial Journal Articles:

- [1] T.M. Talavage, M.I. Sereno, J.R. Melcher, P.J. Ledden, B.R. Rosen, and A.M. Dale, "Tonotopic Organization in Human Auditory Cortex Revealed by Progressions of Frequency Sensitivity," *Journal of Neurophysiology*, March 2004.
- [2] X. Li, J. Gandour, T. Talavage, D. Wong, M. Dziedzic, M. Lowe, and Y. Tong, "Selective Attention to Lexical Tones Recruits Left dorsal Frontoparietal Network," *NeuroReport*, 14:2263-2266, 2003.

Conference Proceedings and Presentations:

- [1] J.B. Laflen, T.M. Talavage, and M.A. Svirsky, "Generating Acoustic Stimuli with Minimal Perceptual Error for Psychophysical Experiments Involving 'Normal Hearing' Subjects," *Abstracts of the Twenty-Sixth Midwinter Meeting, Association for Research in Otolaryngology*, Daytona Beach, FL, February 2003.
- [2] M.A. Svirsky, S. Sinha, H. Neuburger, and T.M. Talavage, "Gradual Adaptation to Shifts in the Peripheral Acoustic Frequency Map," *Abstracts of the Twenty-Sixth Midwinter Meeting, Association for Research in Otolaryngology*, Daytona Beach, FL, February 2003.
- [3] G. Tamer, Jr., T-Q. Li, J.L. Ulmer, and T.M. Talavage, "Validation of Rapid-presentation Event-related fMRI in Auditory Cortex," *Proceedings of the International Society for Magnetic Resonance in Medicine*, Eleventh Scientific Meeting and Exhibition, Toronto, Ontario, Canada, May 2003, p. 1745.
- [4] S.F. Cauley, G. Tamer, Jr., J.L. Ulmer, and T.M. Talavage, "An Investigation into Trial-Dependencies using Event-related fMRI," *Proceedings of the International Society for Magnetic Resonance in Medicine*, Eleventh Scientific Meeting and Exhibition, Toronto, Ontario, Canada, May 2003, p. 1808.
- [5] S.F. Cauley, G. Tamer, Jr., J.L. Ulmer, and T.M. Talavage, "Analysis of Trial Dependences and Saturation in Event-related fMRI," 9th International Conference on Functional Mapping of the Human Brain, New York, NY, June 2003.
- [6] T.M. Talavage, M.A. Svirsky, E. Haneda, and H. Neuburger, "fMRI Evaluation of a Novel Cochlear Implant Rehabilitation Strategy Reveals Correlation of Cortical Activity with Speech Perception Performance is Dependent on Stimuli Used for Training," Twenty-Seventh ARO MidWinter Meeting, Association for Research in Otolaryngology, February 2004.
- [7] J.B. Laflen, T.M. Talavage, M.A. Svirsky, S. Foldes, and F. Lee, "Are Noise-Bands an Adequate Acoustic Model of Intra-Cochlear Electrical Stimulation? Analysis of the Perceptual Coding of the Noise-Band in the Human Auditory System," Twenty-Seventh ARO MidWinter Meeting, Association for Research in Otolaryngology, February 2004.