Original papers and Letters


(20) S. Furukawa (2008) "Detection of combined changes in interaural time and intensity differences: Segregated mechanisms in cue type and in operating frequency range?," J. Acoust. Soc. Am. 123, 1602-1617.


Conference Presentations (International only)


application to physiological studies on virtual acoustic space," 27th ARO Midwinter Meeting (Daytona Beach, FL).


(23) S. Furukawa (2007) "Detection of combined changes in interaural time and intensity differences: Comparison between low and high frequency signals," 30th ARO Midwinter Meeting (Denver, CO).


(26) Y. X. Kato, K. Maki, S. Furukawa, M. Kashino (2009), "Development of a flexible surface microelectrode array for multichannel recording of auditory evoked potentials from the rat’s cortex,” the XXXVI th International Union of Physiological Sciences (IUPS2009), (Kyoto, Japan).

(27) K. Maki, S. Furukawa (2009), "Spatial selectivity of neurons in the gerbil inferior colliculus: Effects of natural and unnatural sound reflections by the ground," 32nd ARO Midwinter Meeting (Baltimore, MD).


(29) S. Furukawa (2009), "Modulation detection of interaural time and intensity differences: Where is the source of binaural sluggishness?" International Workshop on the Principles and Applications of Spatial Hearing (Miyagi Zao, Japan).


(42) S. Otsuka, S. Yamagishi, K. Hirota, S. Furukawa, M. Kashino (2013), "Relationship between middle-ear transmission characteristics and frequency modulation detection," 36th ARO Midwinter Meeting (Baltimore, MD).


(48) S. Otsuka, S. Furukawa, S. Yamagishi, K. Hirota, M. Kashino (2014), " Inter-Individual variation of sensitivities to frequency modulation, amplitude modulation, and interaural-phase difference: Relation with click-evoked otoacoustic emissions," 37th ARO Midwinter Meeting (San Diego, CA).


(52) S. Yamagishi, S. Otsuka, S. Furukawa, M. Kashino (2014), "Neural correlates of auditory streaming in human scalp potentials generated from the brainstem and thalamocortical auditory pathway," 37th ARO
Midwinter Meeting (San Diego, CA).

(53) S. Kidani, H. Liao, M. Yoneya, M. Kashino, S. Furukawa (2014), "Deriving the “salience level” of a target sound using a tapping technique," 37th ARO Midwinter Meeting (San Diego, CA).


(64) H. Terashima, S. Furukawa (2016), "A developmental analysis of infant vocalizations under a sparse-code framework," 39th ARO Midwinter Meeting (San Diego, CA).

(65) S. Furukawa (2016), "Natural combinations of interaural time and level differences in realistic auditory scenes," 39th ARO Midwinter Meeting (San Diego, CA).


**Review articles (English only)**


**Books / book chapters (English only)**


**Invited Talks (International only)**


(3) S. Furukawa (2011) " Processes for interaural time and level differences: to what extent are they independent and where are they integrated?," 161st Meeting of the Acoustical Society of America (2011.5.23-27, Seattle, USA).


**Media appearance (non-Japanese only)**

Activities

(1) Executive council member, editorial board member, award committee member, reviewing committee member, session chair of annual meeting, etc., of the Acoustical Society of Japan

(2) Editorial board member, Trends in Hearing