Journal papers:


*Selected for cover illustration


*Selected for cover illustration


Submitted

[15] Yusuke Fujiwara, Yoichi Miyawaki, Yukiyasu Kamitani, “Encoding and decoding models with automatically extracted modules derived from Bayesian canonical correlation analysis.”

Review papers:

Invited talks:
Institute of Technology, April 2009.

[9] Yoichi Miyawaki, “Reading visual perception from the brain,” Imaging and biological science - Commemoration symposium of foundation of Bioimaging Center of Graduate School of Frontier Sciences, The University of Tokyo, March 2009.


Conference papers (international):

2011.


Publications

Yoichi Miyawaki


[22] Yoichi Miyawaki, Ryusuke Hayashi, Taro Maeda, Susumu Tachi, "The Late Negative Figure-Ground VEP Modulated by Focal Attention", 24th European Conference on Visual Perception (ECVP 2001), Kusadasi, Turkey, August, 2001.


Conference paper (domestic):


[27] Yoichi Miyawaki, “Temporal properties of the delayed visual evoked potential by binocular disparity and a critical factor for their genesis,” The 18th Symposium of Biological and Physiological Engineering (BPES 2003), Niigata, Japan, October, 2003.


[36] Yoichi Miyawaki, Ryusuke Hayashi, Taro Maeda, Susumu Tachi, “The lower and higher level responses in visual evoked potentials with depth perception--two negative peaks and effects of figure area--,” The 14th Symposium on Biological and Physiological Engineering, Kobe, Japan, October, 1999.


[39] Yoichi Miyawaki, Ryusuke Hayashi, Yasuyuki Yanagida, Taro Maeda, Susumu Tachi, “The characteristics of
two negative peaks on visual evoked potentials with depth perception and their source localization,” The 13th Symposium on Biological and Physiological Engineering, Kanazawa, Japan, September, 1998.


Book chapter:

Book review:

Press release:

Media coverage:
Domestic
Publications

Yoichi Miyawaki

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International


etc.

* “Visual image reconstruction” (journal paper [3]) was also broadcasted by NHK, other domestics TV stations, and international TV stations (FOX, Reuters, etc.).

Other research activities:

  Seminar talk 1: Yoichi Miyawaki, “The time course of binocular stereopsis and beyond – EEG response to
  random-dot stereogram –”.
  Seminar talk 2: Yoichi Miyawaki and Masato Okada, “A network model of perceptual suppression induced
  by transcranial magnetic stimulation”.
  Project 1: Eric K. C. Tsang and Yoichi Miyawaki, “Binocular disparity detection by Gabor-type filtering
  vision chip”.

[2] Okinawa Computational Neuroscience Course, Okinawa, Japan, November 9-19, 2004 (selected as tutor)
  Organized and conducted student projects (data analysis group) as the Course tutor.