

期刊論文

1. Shibata, K., Sasaki, Y., Bang J.W., Walsh, E., Machizwa, M.G., Masako, T., Chang, L.-H. & Watanabe, T. (2017) Overlearning hyperstabilizes a skill by rapidly making neurochemical processing inhibitory-dominant. *Nature Neuroscience*, Jan;30
2. Chang, L.-H.*, Yotsumoto, Y.*, Salat, D., Andersen, G. J., Watanabe, T., & Sasaki, Y. (2015). Reduction in the retinotopic early visual cortex with normal aging and magnitude of perceptual learning. *Neurobiology of Aging*, Jan; 36(1); p315-322. (SCI) (*Equal contributions)
3. Chang, L.-H., Shibata, K., Andersen, G. J., Sasaki, Y., & Watanabe, T. (2014). Age-related declines of stability in visual perceptual learning. *Current Biology*, 24(24):2926-9. (SCI)
4. Yotsumoto, Y.*, Chang, L.-H.*, Ni, R., Pierce, R., Andersen, G. J., Watanabe, T., & Sasaki, Y. (2014). White matter in the older brain is more plastic than in the younger brain. (*Equal contribution), *Nature Communications*, 5:5504. (SCI)
5. Yotsumoto Y., Watanabe, T., Chang, L.-H., & Sasaki, Y. (2013). Consolidated learning can be susceptible to gradually-developing interference in prolonged motor learning. *Frontiers in Computational Neuroscience*, May 28;7:69.
6. Choi, H., Chang, L.-H., Shibata, K., Sasaki, Y., & Watanabe, T. (2012). Resetting capacity limitations: Long-lasting elimination of attentional blink by training. *Proceedings of the National Academy of Sciences*, Jul;109(30):12242-7.
7. Shibata, K., Chang, L.-H., Kim, D., Nanez, J., Kamitani, Y., Watanabe, T., & Sasaki, Y. (2012). Decoding Reveals Plasticity in V3A as a Result of Motion Perceptual Learning. *PLoS One*, Epub.
8. Yotsumoto Y., Chang, L.-H., Watanabe, T., Sasaki, Y. (2009). Interference and feature specificity in visual perceptual learning, *Vision Research*, Oct;49(21):2611-23.

會議論文

1. Chang, L.-H., Shibata, K., Yotsumoto, Y., Andersen, G. J., Sasaki, Y., & Watanabe, T. Stronger Task Irrelevant Perceptual Learning with Older than Younger People. 2013 SfN Conference, California.
2. Chang, L.-H., Shibata, K., Yotsumoto, Y., Andersen, G. J., Sasaki, Y., & Watanabe, T. When is old better? Task Irrelevant Perceptual Learning with older people. 2013 VSS Conference, Florida.
3. Chang, L.-H., Yotsumoto, Y., Watanabe, T., Sasaki, Y. (2012). Brain morphological changes associated with normal aging in the early visual cortex. VSS Conference, Florida (talk presentation).

4. Kim, D., Chang, L.-H., Nanez, J., Sasaki, Y., & Watanabe, T. Roles of subcortical processing in Visual Perceptual Learning. 2013 VSS Conference, Florida.
5. Chang, L.-H., Yotsumoto, Y., Salat, D., Watanabe, T., Sasaki, Y. (2011). Age-associated changes on human retinotopic representation in the early visual cortex. SfN Conference, Washington D.C. (talk presentation).
6. Kang, D., Liu, C., Chang, L.-H., Takahashi, E., Watanabe, T., Sasaki, Y. (2011). White matter tract connectivity between visual and higher-level cortical regions in association with perceptual learning. SfN Conference, Washington D.C..
7. Liu, C., Chang, L.-H., Tsai, Y., Kang, D., Sasaki, Y., Watanabe, T. (2011). Visual perceptual learning is associated with white matter changes in early visual areas. SfN Conference, Washington D.C..
8. Kang, D., Liu, C., Chang, L.-H., Takahashi, E., Watanabe, T., Sasaki, Y. (2011). White matter connectivity changes between visual and higher-level cortical regions in association with perceptual learning revealed by diffusion tensor tractography. VSS Conference, Florida (talk presentation).
9. Liu, C., Chang, L.-H., Tsai, Y., Kang, D., Sasaki, Y., Watanabe, T. (2011). Changes in white matter in young adults associated with perceptual learning. VSS Conference, Florida (talk presentation).
10. Chang, L.-H., Yotsumoto, Y., Ni, R., Salat, D., Andersen, G. J., Watanabe, T., Sasaki, Y. (2010). White matter anisotropy changes in early visual areas only with older subjects in association with visual perceptual learning. SfN Conference, California.
11. Choi, H., Chang, L.-H., Shibata, K., Watanabe, T., Sasaki, Y. (2010). Neural mechanisms of learning that completely removes attentional blink on a long-term basis - Learning to enhance attentional temporal resolution. SfN Conference, California.
12. Shibata, K., Chang, L.-H., Sasaki, Y., Yotsumoto, Y., Kim, D., Nanez, J., Kamitani, Y., Watanabe, T. (2010). Decoding reveals trained-task independent plasticity in V3A in association with motion perceptual learning. SfN Conference, California.
13. Chang, L.-H., Yotsumoto Y., Nanez, J., Watanabe, T., Sasaki, Y. (2010). Interference and feature specificity in visual perceptual learning. VSS Conference, Florida.
14. Yotsumoto Y., Chang, L.-H., Ni R., Salat, D., Andersen, G. J., Watanabe, T., Sasaki, Y. (2010). Perceptual learning and changes in white matter in the aged brain

revealed by diffusion-tensor imaging (DTI). VSS Conference, Florida (talk presentation)

15. Yotsumoto Y., Ni R., Chang, L.-H., Sasaki, Y., Watanabe, T., Andersen, G. J. (2009). Cortical recruitment of multiple areas for perceptual learning of elderly adults is specific for the trained location. VSS Conference, Florida.
16. Sasaki, Y., Yotsumoto, Y., Nanez J., Chang, L.-H., & Watanabe, T. (2007). Consolidated learning is still susceptible to anterograde interference. NIN Conference, Amsterdam, the Netherlands.