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(a) 國際誌に発表した論文

- 25) Lingnau, A., Ashida, H., Wall, M., & Smith, A. T.* (2009) Speed encoding in human visual cortex revealed by fMRI adaptation. *Journal of Vision*, 9(13):3, 1-14. IF=3.022
- 24) Kuriki, I.*, Ashida, H., Murakami, I., Kitaoka, A. (2008). Functional brain imaging of the Rotating Snakes illusion by fMRI. *Journal of Vision*, 8 (10):16, 1-10. IF=2.95
- ※23) Grove, P.*, Ashida, H., Kaneko H., Ono, H. (2008). Interocular transfer of a rotational motion aftereffect as a function of eccentricity. *Perception*, 37 (8), 1152-1159. IF=1.360
- 22) Wall, M. B., Lingnau, A., Ashida, H., Smith, A. T.* (2008) Selective visual responses to expansion and rotation in the human MT complex revealed by fMRI adaptation. *European Journal of Neuroscience*. 27(10), 2747-2757. IF=3.385
- ※21) Ashida, H.*, Yamagishi, N., & Anderson, S. J. (2007). The relative contributions of colour and luminance signals towards the visuomotor localisation of targets in human peripheral vision. *Experimental Brain Research*, 183, 425-434. IF=3.684
- 20) Kitaoka, A.*. Ashida, H. (2007). A variant of the anomalous motion illusion based upon contrast and visual latency. *Perception*, 36, 1019-1035. IF=1.617
- ※19) Ashida, H.*, Lingnau, A., Wall, M. B., & Smith, A. T. (2007). fMRI adaptation reveals separate mechanisms for first-order and second-order motion. *Journal of Neurophysiology*, 97(2), 1319-25. IF=3.684
- 18) Liu, J.*, Ashida, H., Smith, A. T., & Wandell, B. (2006). Assessment of stimulus induced changes in human V1 visual field maps. *Journal of Neurophysiology*, 96(6), 3398-3408. IF=3.652
- 17) Murakami, I.*, Kitaoka, A., & Ashida, H. (2006). A positive correlation between fixation instability and the strength of illusory motion in a static display. *Vision Research*, 46(15), 2421-2431. IF=2.167
- 16) Ashida, H.*, Kitaoka, A., & Sakurai, K. (2005). A new variant of the Ouchi illusion reveals Fourier-component-based processing. *Perception*, 34, 381-390. IF=1.391
- 15) Verstraten, F. A. J.*, Ashida, H. (2005). Attention-based motion perception and motion adaptation: what does attention contribute? *Vision Research*, 45, 1313-1319. IF=2.027
- 14) Ashida, H.* (2004). Action-specific extrapolation of target motion in human visual system. *Neuropsychologia*, 42, 1515-1524. IF=3.668

- ※13) Ashida, H.* (2002) Spatial frequency tuning of the Ouchi illusion and its dependence on stimulus size. *Vision Research*, 42, 1413-1420. IF=1.956
- ※12) Ashida, H.* , Seiffert, A. E., & Osaka, N. (2001). Inefficient visual search for second-order motion. *Journal of the Optical Society of America A*, 18, 2255-2266. IF=1.521
- 11) Yamagishi, N.* , Anderson, S. J., & Ashida, H. (2001). Evidence for a dissociation between perceptual and visuomotor systems in humans. *Proceedings of the Royal Society of London, B*, 268, 973-977. IF=3.192
- 10) Nishida, S.* , & Ashida, H. (2001). A motion aftereffect seen more strongly by the non-adapted eye: evidence of multi-stage adaptation in visual motion processing. *Vision Research*, 41, 561-570. IF=2.13
- 9) Culham, J. C.* , Verstraten, F. A. J., Ashida, H., & Cavanagh, P. (2000). Independent Aftereffects of Attention and Motion. *Neuron*, 28, 607-615. IF=15.081
- 8) Nishida, S.* , & Ashida, H. (2000). A hierarchical structure of motion system revealed by interocular transfer of flicker motion aftereffects. *Vision Research*, 40, 265-278. IF=2.0
- 7) Ashida, H.* & Susami, K. (1997). Linear motion aftereffect induced by pure relative motion. *Perception*, 26, 7-16. IF=NA
- 6) Mareschal, I.* , Ashida H., Bex, P.J., Nishida S. & Verstraten, F.A.J., (1997). Linking lower and higher levels of visual motion processing?. *Vision Research*, 37, 1755-1759. IF=2.071
- 5) Nishida, S.* , Ashida, H. & Sato, T. (1997). Contrast dependencies of two types of motion aftereffects. *Vision Resarch*, 37, 553-563. IF=2.071
- 4) Ashida, H.* , Susami, K. & Osaka, N. (1996). Re-evaluation of local adaptation for motion aftereffect. *Perception*, 25, 1065-1072. IF=NA
- 3) Ashida, H.* & Osaka, N. (1995). Motion aftereffect with flickering test stimuli depends on adapting velocity. *Vision Research*, 35, 1825-1833. IF=1.856
- 2) Ashida, H.* & Osaka, N. (1994). Difference of spatial frequency selectivity between static and flicker motion aftereffects. *Perception*, 23, 1313-1320. IF=NA
- 1) Nishida, S.* , Ashida, H. & Sato, T. (1994). Complete interocular transfer of motion aftereffect with flickering test. *Vision Resarch*, 34, 2707-2716. IF=2.221

- Impact Factor (IF)はインターネット上の二次情報に基づいており、正確でない可能性があります。
- 責任著者=correspondence authorとして*を付記しています。

(b) 外国語による著書（分担執筆）

- 1) Ashida, H. (2007). Influence of visual motion on object localisation in perception and action,. In N. Osaka, I. Rentschler, & I. Biederman (Eds) *Object recognition, attention, and action.* (pp. 207-218). Tokyo: Springer.

(c) 国際学会・海外学会での発表・講演など

- 52) Ashida, H. (2010). Searching for cortical areas for a motion discrimination task. *ECVP 2008*, Aug 22-26, Lausanne, Switzerland. (Perception 39 ECV Abstract Supplement, page 139) 【ポスター発表】
- 51) Ashida, H. & Kitaoka, A. (2010). Asymmetric Temporal Filtering Underlying the ‘Rotating Snakes’ Illusion. *Vision 22(Supplement)*, 67-68. (The 6th Asia-Pacific Conference on Vision, July 23-26, 2010, Taipei, Taiwan) 【ポスター発表】
- 50) Ashida, H. , Kuriki, I., Murakami, I., & Kitaoka, A. (2010) fMRI adaptation to anomalous motion in the "Rotating Snakes" patterns. *Journal of Vision*, August 2, 2010 10(7): 827; doi:10.1167/10.7.827 (VSS 2010, May 7-12, Naples, USA). 【ポスター発表】
- 49) Ashida, H. & Shirakawa, H. (2008). Static motion aftereffect depends on relative depth. *European Conference on Visual Perception (ECVP 2008)*, Aug 24-28, Utrecht, The Netherlands. 【口頭発表】
- 48) Ashida, H. (2008). Speed tuning of motion-related position shifts. *Asia-Pacific Conference on Vision* (Conferene booklet p27), Jul 18-21, Brisbane, Australia. 【口頭発表】
- 47) Ashida, H. (2008). fMRI responses to the “Rotating Snakes” illusion. *Brain and Behaviour Seminar*, 2008/3/14, Royal Holloway, UK. 【招待講演】
- 46) Ashida, H., Lingnau A., Wall, M. B., Smith, A. T. (2007) Speed tuning in human visual cortex: an fMRI adaptation study. *Perception supplement (ECVP2007, Arezzo, Italy, Aug 27-31)* 【口頭発表】
- 45) Ando, H., Sakano, Y., Ashida, H. (2007). Human evaluation of visual and haptic interaction. *12th International Conference on Human-Computer Interaction*, July 22-27, Beijing, China.
- 44) Hill, H., Ashida, H., Ando, H. (2007) Effects of haptic feedback on the perception of ambiguous visual stimuli. *8th International Multisensory Research Forum*, July 5-7, Sydney, Australia.
- 43) Ashida, H. Extrapolation of visual motion: psychophysics and fMRI. Lancaster-Kyoto Joint International Symposia, 2006/10/25-26 Lancaster University, UK.
<http://www.bun.kyoto-u.ac.jp/psy/COE21/report/H18/6.pdf> 【口頭発表】
- 42) Ashida, H. & Kitakaze, T. (2006). Prism adaptation and aftereffect in darts. *4th Asian Conference*

業績目録

- on Vision* (Matsue, Japan). 【口頭発表】
- 41) Lingnau A., Ashida, H., Wall, M. B., Smith, A. T. (2006) First- and second-order motion stimuli are processed by separate mechanisms. *Human Brain Mapping* 2006 (Florence, Italy)
- 40) Wall, M. B., Lingnau A., Ashida, H., Smith, A. T. (2006) Fast fMRI adaptation reveals sensitivity to optic flow in human MT and MST. *Human Brain Mapping* 2006 (Florence, Italy)
- 39) Ashida, H., Lingnau, A., Wall, M. B., & Smith, A. T. (2006). Indendent fMRI adaptation to first-order and second-order motion. (VSS 2006 annual meeting, Sarasota, FL, USA) 【ポスター発表】
- 38) Murakami, I., Kitaoka, A., & Ashida, H. (2006). Artificial image oscillation enhances the rotating snakes illusion. (VSS 2006 annual meeting, Sarasota, FL, USA)
- 37) Smith, A. T., Wall, M. B., Lingnau, A., Ashida, H. (2006). Sensitivity to optic flow in human MT and MST measured with fMRI adaptation . (VSS 2006 annual meeting, Sarasota, FL, USA)
- 36) Williams, A. L., Zanker, J. M., & Ashida, H. (2005). Cortical activity during illusory motion sensations: the Spinning Disks illusion. *Perception*, 34 Supplement. (ECVP 2004, A Caruna, Spain).
- 35) Ashida, H. & Smith, A. T. (2005) Retinotopic mapping of motion stimuli in human visual cortex. *Journal of Vision*, 5(8), 489. (VSS 2005 annual meeting, Sarasota, FL, USA) 【口頭発表】
- 34) Ashida, H. (2004) Effects of visual motion on target localisation : perception, action & fMRI. Invited talk, 2005/2/7 , University of Bristol, UK. 【招待講演】
- 33) Ashida, H. (2004) Reaching action to a moving target: Evidence for a separate visuomotor processing. Invited talk, 2005/2/1 , University of York, UK. 【招待講演】
- 32) Ashida, H. (2004) A computational model of anomalous motion in the 'rotating snakes' illusion. Invited talk, 2004/10/12 , UCL, UK. 【招待講演】
- 31) Ashida, H., Yamagishi, N., & Anderson, S. J. (2004). Visually-guided actions are dependent on luminance signals. AVA Christmas Meeting 04. (*Perception*, 34(2), 245) 【口頭発表】
- 30) Murakami, I., Kitaoka A., & Ashida, H. (2004). The amplitude of small eye movements correlates with the saliency of the peripheral drift illusion. *Society for Neuroscience annual meeting*.
- 29) Ashida, H. & Kitaoka, A. (2003). A gradient-based model of the peripheral drift illusion. *Perception*, 32 supplement, 106. (ECVP 2003, Paris, France) 【ポスター発表】
- 28) Ando, H. & Ashida, H. (2003). Touch can influence visual depth reversal of the Necker cube. *Perception*, 32 supplement, 97. (ECVP 2003, Paris, France)
- 27) Yoshida, T., Ashida, H., & Osaka, N. (2003). Reaction time reveals that visual search has more

- memory. *Vision Sciences Society annual meeting*, Abstracts p. 196. (May 9-14 Sarasota, FL.)
- 26) Ashida, H., Kitaoka, A., & Sakurai, K. (2002). A Fourier approach to the Ouchi-type anomalous-motion illusion. *Perception, 31 supplement*, 84. (ECVP 2002, Glasgow, UK) 【ポスター発表】
- 25) Kitaoka, A. & Ashida H. (2002). An anomalous motion illusion based upon signal delay. *Perception, 31 supplement*, 162. (ECVP 2002, Glasgow, UK)
- 24) Ashida, H. & Nagai, M. (2002) at Visual Localization in Space-Time, Brighton, UK, 【ポスター発表】
- 23) Ashida, H. (2002). 'Representational momentum' in reaching action. *Vision Sciences Society annual meeting*, May 9-15, Sarasota, FL. 【ポスター発表】
- 22) Yoshida, T., Ashida, H., & Osaka, N. (2002). Capacity of short term implicit memory is larger than visuospatial working memory in visual search. *Vision Sciences Society annual meeting*, (May 9-15, Sarasota, FL.)
- 21) Ashida, H. (2001). Attentive processing of second-order motion? Proceedings of the third international conference on cognitive science, 231-235, August 26-31, Beijing, China. 【口頭発表】
- 20) Ashida, H. & Yamagishi, N. (2001). Movement-related positional bias for luminance and colour motion. *Vision Sciences Society annual meeting*, May 4-8, Sarasota, FL. 【ポスター発表】
- 19) Ashida, H. (2000). Optimal spatial frequency in the Ouchi illusion. *Perception, 29 Supplement*, 56 (ECVP 2000) 【ポスター発表】
- 18) Ashida, H. (2000). Optimal stimulus size in Ouchi apparent motion illusion. *International Congress of Psychology*, (Stockholm, Sweden). 【口頭発表】
- 17) Yamagishi, N., Anderson, S. J., & Ashida, H. (2000). Movement-related positional bias: psychophysical evidence for dissociation between perception and action. *IOVS, 41*, 4, S714 (ARVO 2000).
- 16) Grove, P. M., Ashida, H., Kaneko, H., & Ono, H. (2000). Interocular transfer of motion aftereffect indicates effective binocular field is over 60 degrees. *IOVS, 41*, 4, S732 (ARVO 2000).
- 15) Ashida, H., Verstraten, F. A. J., & Culham, J. (1999). Attentive control of visual motion perception: evidence from attentive tracking. 6th ATR Symposium on Face and Object Recognition. (Jul. 21, 1999 ATR Labs, Kyoto, Japan) 【口頭発表】
- 14) Ashida, H. & Yamagishi, N. (1999). Detection of second-order motion in the central and off-central visual fields. *IOVS, 40*, 4, S425. (ARVO '99) 【ポスター発表】

- 13) Ashida, H, & Osaka, N. (1998). Second-order motion does not pop-out. *Perception*, 27 supplement, 181. (ECVP '98) 【ポスター発表】
- 12) Nishida, S., & Ashida, H.(1998). Two components of flicker motion aftereffects. *Investigative Ophthalmology & Visual Science*, 38, S1082. (ARVO '98)
- 11) Ashida, H, Verstraten, F. A. J. (1997). Attentive tracking of motion: interaction between low-level and high-level motion. *Selection and Integration of Visual Information (Proceedings of the International Worksjop on Advances in Research on Visual Cognition)*, National Institute of Bioscience and Human-Technology, Tsukuba, Japan, 229-233. 【ポスター発表】
- 10) Ashida, H, Verstraten A. J. & Nishida S. (1997). What is the transition point between static and dynamic motion aftereffects? *Perception*, 26 supplement, 86. (ECVP '97) 【ポスター発表】
- 9) Ashida, H., Robin, N., Kaneko, H., Verstraten, F. & Ojima, S. (1997). Second-order motion has little effect on human postural control. *Investigative Ophthalmology & Visual Science*, 37, S81. (ARVO '97) 【ポスター発表】
- 8) Verstraten, F., Ashida, H. & Kaneko, H. (1997). Attentive tracking of directionally ambiguous and biased motion stimuli. *Investigative Ophthalmology & Visual Science*, 37, S373. (ARVO '97)
- 7) Ashida, H. (1996). Perceived motion of compound grating with ISI: evidence for feature-based processing. *Investigative Ophthalmology & Visual Science*, 36, S743. (ARVO '96) 【ポスター発表】
- 6) Osaka, N., Ashida, H. Osaka, M. Koyama, S. & Kakigi, R. (1996). Evoked magnetic field elicited by motion and motion aftereffect. *Perception*, 25, 32. (ECVP '96)
- 5) Susami, K., Kaneko H. & Ashida, H. (1996). Cooperative interaction between change in disparity and size for the perception of motion in depth. *Perception*, 25, 65. (ECVP '96)
- 4) Ashida, H. & Osaka, N. (1995). Effects of direction judgement on motion aftereffect induced by second-order motion. *Perception*, 24 supplement, 103. (ECVP '95) 【ポスター発表】
- 3) Ashida, H. & Osaka, N. (1994). Temporal tuning of two kinds of motion aftereffect. *Investigative Ophthalmology & Visual Science*, 35, 1838. (ARVO '94) 【ポスター発表】
- 2) Nishida, S., Ashida, H. & Sato, T. (1994). Perfect interocular transfer of flicker motion aftereffect. *Investigative Ophthalmology & Visual Science*, 35, 2157. (ARVO 1994)
- 1) Ashida, H. (1993). Velocity tuning of the motion aftereffect with flickering test stimuli. *Proceedings of 2nd IEEE international workshop on Robot and Human Communication*, 55-59. 【口頭発表】

業績目録

(d) その他の国際的な業績

- 11) 科学研究費補助金(基盤 B 20330149 運動視に関する大脳視覚野の機能と構造の研究
2008-2011)による国際ワークショップ主催 (2011/3/8)
<http://www.bun.kyoto-u.ac.jp/~hashida/WS201103.html>
- 10) Dr Serge Dumoulin 講演会主催 (2011/1/25)
<http://www.bun.kyoto-u.ac.jp/~hashida/>
- 9) Frontiers in Perception Science 誌, Review Editor (2010- now)
- 8) 第 50 回京都国際心理学セミナー主催 (2009/11/20 Prof. L. Spillmann)
<http://www.psy.bun.kyoto-u.ac.jp/seminar/KPIS50.pdf>
- 7) 第 48 回京都国際心理学セミナー主催 (2009/3/24 Prof. S. Anstis)
<http://www.psy.bun.kyoto-u.ac.jp/seminar/KPIS48.pdf>
- 6) Perception 誌 Editorial Board (2009 – now)
- 5) COE21 第 60 回講演会主催 (2006/3/4 Dr P. Grove)
<http://www.bun.kyoto-u.ac.jp/psy/COE21/report/H17/6sinnpo.pdf>
- 4) O. Braddick & J. Atkinson 講演会主催 (2006/9/15)
<http://www.bun.kyoto-u.ac.jp/psy/COE21/record/53thTalk.htm>
- 3) 第 41 回京都国際心理学セミナー主催 (2003/3/4 Prof. H. Ono)
<http://www.psy.bun.kyoto-u.ac.jp/seminar/KPIS41.htm>
- 2) 第 1 回アジア視覚学会(Asian Conference on Vision, 2001/7 葉山) 実行委
- 1) 査読担当誌 : Vision Res, Proc R Soc Lond B, Trends Cog Sci, J Vis, Perception, Spat Vis, Psychologia, Optical Review

以上