

業績目録

宮田 裕光 (東京大学大学総合教育研究センター)

(a) 外国語による論文・著書 (分担執筆を含む)

論文 (出版済み/印刷中)

20. Miyata, H. (in press). Psychological studies of speed-reading as a contemplative training method. *The AGU Journal of Psychology*, 15.
- ※ 19. Miyata, H., Okanoya, K., & Kawai, N. (2015). Mindfulness and psychological status of Japanese yoga practitioners: A cross-sectional study. *Mindfulness*, 6(3), 560-571.
18. Miyata, H. (2015). Comparative navigation studies: Testing pigeons (*Columba livia*) and humans (*Homo sapiens*) on computerized problems. *The AGU Journal of Psychology*, 14, 17-28.
17. Miyata, H. (2015). Problem solving during infancy and early childhood, Development of. In: James D. Wright (Editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 19. Oxford: Elsevier. Pp. 68-72.
16. Miyata, H., Watanabe, S., & Minagawa, Y. (2014). Performance of young children on “traveling salesperson” navigation tasks presented on a touch screen. *PLoS ONE*, 9(12): e115292. doi:10.1371/journal.pone.0115292
15. Suzuki, H., Fukuda, H., Miyata, H., & Tsuchiya, K. (2014). Exploring the unconscious nature of insight using continuous flash suppression and a dual task. *Proceedings of the 36th Annual Conference of the Cognitive Science Society*, 2955-2960.
14. Kawai, N., Miyata, H., Nishimura, R., & Okanoya, K. (2013). Shadows alter facial expressions of Noh masks. *PLoS ONE*, 8(8): e71389. doi:10.1371/journal.pone.0071389
13. Miyata, H., Nishimura, R., Okanoya, K., & Kawai, N. (2012). The mysterious Noh mask: Contribution of multiple facial parts to the recognition of emotional expressions. *PLoS ONE*, 7(11): e50280. doi:10.1371/journal.pone.0050280
12. Miyata, H., & Fujita, K. (2012b). Further tests of pigeons’ (*Columba livia*) planning behavior using a computerized plus-shaped maze task. *Perceptual and Motor Skills*, 115 (1), 27-42.
- ※ 11. Miyata, H., Minagawa-Kawai, Y., Watanabe, S., Sasaki, T., & Ueda, K. (2012). Reading speed, comprehension and eye movements while reading Japanese novels: Evidence from untrained readers and cases of speed-reading trainees. *PLoS ONE*, 7(5): e36091. doi:10.1371/journal.pone.0036091
10. Miyata, H., & Fujita, K. (2012a). Acquisition of a same-different discrimination task by pigeons (*Columba livia*). *Psychological Reports*, 110 (1), 251-262.
9. Miyata, H., & Fujita, K. (2011b). Flexible route selection by pigeons (*Columba livia*) on a computerized multi-goal navigation task with and without an “obstacle”. *Journal of Comparative Psychology*, 125, 431-435.
8. Miyata, H., Watanabe, S. & Minagawa-Kawai, Y. (2011). Two successive neurocognitive processes captured by near-infrared spectroscopy: Prefrontal activation during a computerized plus-shaped maze task. *Brain Research*, 1734, 90-99.
- ※ 7. Miyata, H., Gajdon, G.K., Huber, L. & Fujita, K. (2011). How do keas (*Nestor notabilis*) solve artificial-fruit problems with multiple locks? *Animal Cognition*, 14, 45-58.
6. Miyata, H., Watanabe, S. & Minagawa-Kawai, Y. (2010). Prefrontal activation during and before solution of an

eight-arm *shuriken*-shaped maze task presented on a touch screen: A near-infrared spectroscopy study. *Inquiries into humans and societies. Studies in sociology, psychology and education*, 70, 125-140.

- ※5. Miyata, H., & Fujita, K. (2010). Route selection by pigeons (*Columba livia*) in “traveling salesperson” navigation tasks presented on an LCD screen. *Journal of Comparative Psychology*, 124, 433-446.
4. Miyata, H., Itakura, S. & Fujita, K. (2009). Planning in human children (*Homo sapiens*) assessed by maze problems on the touch screen. *Journal of Comparative Psychology*, 123, 69-78.
- ※3. Miyata, H., & Fujita, K. (2008). Pigeons (*Columba livia*) plan future moves on computerized maze tasks. *Animal Cognition*, 11, 505-516.
2. Miyata, H., Ushitani, T., Adachi, I. & Fujita, K. (2006). Performance of pigeons (*Columba livia*) on maze problems presented on the LCD screen: In search for preplanning ability in an avian species. *Journal of Comparative Psychology*, 120, 358-366.
1. Nakamura, N., Fujita, K., Ushitani, T., & Miyata, H. (2006). Perception of the standard and the reversed Müller-Lyer figures in pigeons (*Columba livia*) and humans (*Homo sapiens*). *Journal of Comparative Psychology*, 120, 252-261.

著書

該当なし

(b) 国際学会・海外学会での発表・講演等

24. Suzuki, H., Fukuda, H., Miyata, H., & Tsuchiya, K. (2014). Exploring the unconscious nature of insight using continuous flash suppression and a dual task. CogSci 2014 The 36th Annual Meeting of the Cognitive Science Society. Quebec City, Canada. Poster Session III No. 80. 23-26 July, 2014.
23. Miyata, H., Okanoya, K. & Kawai, N. (2013). Japanese yoga practitioners self-report enhanced mindfulness and well-being. 2013 Mind & Life Summer Research Institute (2013 MLSRI). Garrison Institute, NY, USA. Poster Session 2. 15-21 June, 2013.
22. Miyata, H. (2011). Intellectual animals, intuitive humans? –Comparative studies of planning and higher cognition–. Seminar talk at The Laboratory for Affective Neuroscience (Professor Richard Davidson’s lab), the University of Wisconsin-Madison, 18th November, 2011.
21. Miyata, H., Watanabe, S., Minagawa-Kawai, Y., Ueda, K., & Sasaki, T. (2011). Individual differences in reading speed and cortical activation while reading Japanese novels: simultaneous recording of NIRS and Tobii Eye Tracker. Neuroscience2011 Society for Neuroscience. Washington, D.C., USA. Presentation Number 509.19. 12-16 November, 2011.
20. Miyata, H., Watanabe, S., Minagawa-Kawai, Y., Ueda, K., & Sasaki, T. (2011). Cognitive achievement of meditative “pure consciousness”: sentence comprehension by a Japanese speed-reading expert. ASSC15. Association for the Scientific Study of Consciousness. Kyoto University. P1-75. 9-12 June, 2011.
19. Miyata, H. (2011). To what extent are planning abilities and their neural mechanisms shared across species? Keio University global COE symposium “Introspection in humans, animals, and machines”. G-SEC Lab, East Building, Mita Campus, Keio University, 15 May 2011.
18. Miyata, H., Watanabe, S., & Minagawa-Kawai, Y. (2010). Two neurocognitive processes in the prefrontal cortex during computerized maze problems: A near-infrared spectroscopy study. Neuroscience2010 Society

- for Neuroscience. San Diego, USA. Presentation Number 96.3. 13-17 November, 2010.
17. Miyata, H. (2010). Two neurocognitive processes in the prefrontal cortex during and before solving computerized maze problems: A near-infrared spectroscopy study. Joint Tamagawa-Keio-Caltech Lecture Course on Neuroeconomics. Poster 30. Mita Campus, Keio University, Tokyo. 8-10 September, 2010.
 16. Miyata, H., Watanabe, S., & Minagawa-Kawai, Y. (2010). Prefrontal activation in performing on computerized maze problems: how cognitive consciousness works. ASSC14 Association for the Scientific Study of Consciousness. Tronto, Canada. Poster session 1-17. 24-27 June, 2010.
 15. Miyata, H. (2010). Prefrontal activation in performing on a computerized plus-shaped maze: A near-infrared spectroscopy study. Keio-Gachon MRI Joint Symposium –Advances in Functional and Structural MRI Research –. East Building Hall, Mita Campus, Keio University, 27th February, 2010.
 14. Miyata, H., Gajdon, G. K., Huber, L. & Fujita, K. (2008). Do keas (*Nestor notabilis*) plan before starting to solve an artificial-fruit box with multiple locks? ECBB2008 4th European Conference on Behavioural Biology. Dijon, France. Poster 109. 18-20 July, 2008.
 13. Miyata, H., Itakura, S., & Fujita, K. (2008). Planning in human children (*Homo sapiens*) while solving a plus-shaped maze on the touch screen. The International Symposium on Comparative Cognitive Science 2008 - Primate origins of human mind. A-7. Shiran-kaikan, Kyoto University. 28-30 May, 2008.
 12. Miyata, H., & Fujita, K. (2007). Pigeons plan future moves on computerized maze tasks. XXX. International Ethological Conference. O24-5. Dalhousie University, Halifax, Nova Scotia, Canada. 15-23 August 2007.
 11. Miyata, H. (2007). Do pigeons plan an action? –Evidence from maze tasks on the LCD monitor. Invited talk at Dr. Gyula Gajdon’s lecture. University of Vienna, 26th June, 2007.
 10. Miyata, H., & Fujita, K. (2007). Future Planning in Pigeons On a Computerized Maze Task. 14th Annual International Conference On Comparative Cognition, Sponsored by the Comparative Cognition Society. P8. Radisson Hotel, Melbourne Beach, Florida, USA. 14-17 March, 2007.
 9. Miyata, H., & Fujita, K. (2006). Do pigeons plan before or during an action? –Evidence from a maze task on the LCD monitor. The 4th International Workshop for Young Psychologists on Evolution and Development of Cognition. Oral-10. Kyodai Kaikan, Graduate School of Letters, Kyoto University. 2-3 September, 2006.
 8. Nakamura, N., Watanabe, S., Miyata, H., Ushitani, T., & Fujita, K. (2006). The 4th International Workshop for Young Psychologists on Evolution and Development of Cognition. Oral-5. Kyodai Kaikan, Graduate School of Letters, Kyoto University. 2-3 September, 2006.
 7. Miyata, H., Itakura, S., & Fujita, K. (2006). Do human infants preplan the solution of a maze task on the LCD monitor? Third International Workshop on Evolutionary Cognitive Science: “Social Cognition: Evolution, Development, and Mechanism” P-13. The University of Tokyo. 9-10 March, 2006.
 6. Nakamura, N., Fujita, K., Ushitani, T., Miyata, H., & Watanabe, S. (2005). Perception of the standard and the reversed Müller-Lyer figures in pigeons and humans. The 3rd International Workshop for Young Psychologists on Evolution and Development of Cognition. P-25. Graduate School of Letters, Kyoto University. 22-23 October, 2005.
 5. Miyata, H., Itakura, S., & Fujita, K. (2005). Performance on a computerized maze task in human infants. The

- 3rd International Workshop for Young Psychologists on Evolution and Development of Cognition. P-12. Graduate School of Letters, Kyoto University. 22-23 October, 2005.
4. Miyata, H., Adachi, I., Fujita, K., & Ushitani, T. (2005). Mental rehearsal ability in pigeons (*Columba livia*) assessed by a maze task. XXIX. International Ethological Conference. Reference number: 99. Eötvös University Convention Center, Budapest, Hungary. 20-27 August 2005.
 3. Nakamura, N., Fujita, K., Ushitani, T., & Miyata, H. (2005). Perception of the Müller-Lyer illusion in pigeons and humans. XXIX. International Ethological Conference. Eötvös University Convention Center, Budapest, Hungary. 20-27 August 2005.
 2. Miyata, H., Ushitani, T., Adachi, I., & Fujita, K. (2005). Mental rehearsal ability in pigeons (*Columba livia*) assessed by a maze task. The 3rd HOPE International workshop “Comparative Cognitive Science: Recent topics of avian and primate species”. Afternoon session 13h30-13h50. Clock Tower Centennial Hall, Kyoto University. 22 March 2005.
 1. Miyata, H., Ushitani, T., Adachi, I., & Fujita, K. (2004). Mental rehearsal ability in pigeons (*Columba livia*) assessed by a maze task. The 2nd International Workshop for Young Psychologists on Evolution and Development of Cognition. P-29. Clock Tower Memorial Hall, Kyoto University. 13-14 November, 2004.

(C) その他の国際的な業績

国内学会・シンポジウム等での発表 (英語によるもの)

6. 宮田裕光・渡辺茂・植田一博・佐々木豊文・皆川泰代 (2012). 日本語短編小説の読解中における視空間処理および眼球運動—近赤外線分光法・アイカメラ同時計測による検討. 第 35 回日本神経科学大会 (Neuroscience2012). 名古屋国際会議場 O2-G-30-4 2012 年 9 月 18-21 日 (in English).
5. 宮田裕光・渡辺茂・皆川泰代・植田一博・佐々木豊文 (2011). 速読技能の熟達者における小説読解—読書速度・内容理解・眼球運動の関連を通して—. 第 34 回日本神経科学大会 (Neuroscience2011). パシフィコ横浜 P3-p17 2011 年 9 月 14-17 日 (in English).
4. 宮田裕光 (2011). Prefrontal activation in performing on a computerized plus-shaped maze task: A near-infrared spectroscopy study / Cognitive achievement of meditative “pure consciousness”: sentence comprehension by a Japanese speed-reading expert. 理化学研究所 脳科学総合研究センター 言語発達研究チーム セミナー講演 2011 年 5 月 10 日 (in English).
3. 宮田裕光・皆川泰代・渡辺茂 (2010). コンピュータ画面上での十字形迷路課題の遂行中における前頭葉活動—NIRS による検討. 第 33 回日本神経科学大会 (Neuro2010) 神戸コンベンションセンター (神戸国際展示場) P2-L26 2010 年 9 月 2-4 日 (in English).
2. Miyata, H., & Fujita, K. (2006). Pigeons (*Columba livia*) engage in planning on a maze task on the LCD monitor. 京都大学心理学連合 21 世紀 COE プログラム「心の働きの総合的研究教育拠点」総括シンポジウム「心の宇宙を探索して」 Poster-9 京都大学百周年時計台記念館国際交流ホール 2006 年 12 月 25-26 日 (in English).
1. Nakamura, N., Watanabe, S., Miyata, H., Ushitani, T., & Fujita, K. (2006). Perception of geometrical illusory figures in pigeons (*Columba livia*) and humans (*Homo sapiens*). 京都大学心理学連合 21 世紀 COE プログラム「心の働きの総合的研究教育拠点」総括シンポジウム「心の宇宙を探索して」 Poster-6 京都大学百周年時計台記念館国際交流ホール 2006 年 12 月 25-26 日 (in English).

企画講演会・シンポジウム等

2. 慶應義塾大学人文グローバル COE 「論理と感性の先端的教育研究拠点」・同大学大学院グローバル COE 「環境共生・安全システムデザインの先導拠点」 共催シンポジウム“Introspection in Humans, Animals, and Machines” 2011 年 5 月 15 日(日) 10:00-18:00 慶應義塾大学三田キャンパス東館 6 階 G-SEC Lab (in English/Japanese)
1. 慶應義塾大学人文グローバル COE 「論理と感性の先端的教育研究拠点」 講演会 “Phenomenality as a psychological construction” Jérôme Sackur 准教授 (Ecole Normale Supérieure, France) 2011 年 7 月 8 日(金) 16:30-18:30 三田キャンパス 研究室棟 A 会議室 (in English)

紹介記事等

2. Miyata, H., & Fujita, K. BBC's online natural history portal “Love Earth” (www.loveearth.com). Problem-solving pigeons. Blog article by Mr. Matt Walker. 18 March 2008 (www.loveearth.com/uk/blog/news18march2008).
1. Miyata, H. Thieving parrots hatch a plan to unlock food. New Scientist. Life. 15 August 2010. Magazine issue 2773 (<http://www.newscientist.com/article/mg20727734.300-thieving-parrots-hatch-a-plan-to-unlock-food.html>).

研修生等

3. 2012 年 6 月 16-22 日 2012 年度「精神と生命研究所」夏季合宿 研修生 (2012 Mind and Life Summer Research Institute (MLSRI) Research Fellow). 米国ニューヨーク州 ギャリソン研究所 (Garrison, NY, USA).
2. 2013 年 6 月 15-21 日 2013 年度「精神と生命研究所」夏季合宿 研修生 (2013 Mind and Life Summer Research Institute (MLSRI) Research Fellow). 米国ニューヨーク州 ギャリソン研究所 (Garrison, NY, USA).
1. 2014 年 4 月 11 日 (金) 国際会議 Mapping the Mind (こころの再定義): 科学者・宗教者とダライ・ラマ法王との対話 招待参加者. 京都ホテルオークラ 4 階 暁雲の間.

国際学術雑誌等査読

Animal Cognition

Journal of Medicine and Medical Sciences

Naturwissenschaften

Perceptual & Motor Skills

PLoS ONE

The Journal of Physiological Sciences

Logic and Sensibility (book edited by CARLS)