

業績目録(土居 裕和)

a. 外国語による論文・著書(分担執筆を含む) 添付の主要業績には冒頭に※

36. Doi, H., Basadonne, I., Venuti, P., & Shinohara, K. (in press). Negative correlation between salivary testosterone concentration and preference for sophisticated music in males. *Personality and Individual Differences*.
35. Sulpizio, S., Kuroda, K., Dalsasso, D., Asakawa, T., Bornstein, M.H., Doi, H., Esposito, G., & Shinohara, K. (in press). Discriminating between Mothers' Infant- and Adult-Directed Speech: Cross-Linguistic Generalizability from Japanese to Italian and German. *Neuroscience Research*.
34. Abe, D., Doi, H., Asai, T., Kimura, M., Wada, T., Takahashi, Y., Matsumoto, T., & Shinohara, K. (2018). Association between COMT Val158Met polymorphism and competition results of competitive swimmers. *Journal of Sports Sciences*, 36(4), 393-397. doi: 10.1080/02640414.2017.1309058.
33. Shinohara, K., Doi, H., Sawano, E., & Tarumi, W. (2017). Effects of essential oil exposure on salivary estrogen concentration in perimenopausal women. *Neuroendocrinology Letters*, 37(8), 567-572, 2017.
32. Doi, H., & Shinohara, K. (2017). fNIRS Studies on Hemispheric Asymmetry in Atypical Neural Function in Developmental Disorders. *Frontiers in Human Neuroscience*, 11:137. doi: 10.3389/fnhum.2017.00137, 2017.
- ※31. Doi, H., Morikawa, M., Inadomi, N., Aikawa, K., Uetani, M., & Shinohara, K. (2017). Neural correlates of babyish adult face processing in men. *Neuropsychologia*, 97, 9-17.
30. Sawano, E*, Doi, H*, Nagai, T., Ikeda, S., & Shinohara, K. (2017). Interactive effects of 5-HTTLPR genotype and rearing environment on affective attitude towards own infant in Japanese mothers. *Behavioural Brain Research*. 325, 173-80. * These authors equally contributed to this work.
29. Senese, V.P., Shinohara, K., Esposito, G., Doi, H., Venuti, P., & Bornstein, M. H. (2017). Implicit association to infant faces: Genetics, early care experiences, and cultural factors influence caregiving propensities. *Behavioural Brain Research*. 325, 163-72.
28. Doi, H., & Shinohara, K. (2016) Attention allocation towards own face is pronounced during middle adolescence-An Eye-Tracking study. *Developmental Science*. Published Online.
27. Doi, H., & Shinohara, K. (2016). Emotional faces influence numerosity estimation without awareness. *Cognitive Processing*, 17 (4), 389-397.

26. Sawada, R., Doi, H., & Masataka, N. (2016). Processing of self-related kinematic information embedded in static handwritten characters. *Brain Research*, 1642, 287–297.
25. Takamura, T., Nishitani, S., Suegami, T., Doi, H., Kakeyama, M., & Shinohara, K. (2016). Developmental changes in the neural responses to own and unfamiliar mother's smiling face throughout puberty. *Frontiers in Neuroscience*, 6, art.no 200, 2015.
- ※24. Doi, H., & Shinohara, K. (2015). Unconscious Presentation of Fearful Face Modulates Electrophysiological Responses to Emotional Prosody. *Cerebral Cortex*, 25, 817-32.
- ※23. Doi, H., Nishitani, S., & Shinohara, K. (2015). Sex difference in the relationship between salivary testosterone and inter-temporal choice. *Hormones and Behavior*, 69, 50-8.
22. Doi, H., Nishitani, S., & Shinohara, K. (2015). Association between catechol-O-methyltransferase Val¹⁵⁸Met polymorphism and configural mode of face processing. *Neuroscience Letters*, 586, 19-23.
21. Doi, H., Nishitani, S., Fujisawa, T., Nagai, T., Kakeyama, M., Maeda, T., & Shinohara, K. (2013). Prenatal Exposure to a Polychlorinated Biphenyl (PCB) Congener Influences Fixation Duration on Biological Motion at 4-Months-Old: A Preliminary Study. *PLoS ONE*, 8 (3), art. no. e59196.
20. Doi, H., & Shinohara, K. (2013). Task-irrelevant direct gaze facilitates visual search for deviant facial expression. *Visual Cognition*, 21 (1), 72-98.
19. Doi, H., Nishitani, S., & Shinohara, K. (2013). NIRS as a tool for assaying emotional function in the prefrontal cortex. *Frontiers in Human Neuroscience*, art.no.770.
18. Doi, H., Fujisawa, T. X., Kanai, C., Ohta, H., Yokoi, H., Iwanami, A., Kato, N., & Shinohara, K. (2013). Recognition of Facial Expressions and Prosodic Cues with Graded Emotional Intensities in Adults with Asperger Syndrome. *Journal of Autism and Developmental Disorders*, 43 (9), 2099-2113.
17. Doi, H., & Shinohara, K. (2012). Electrophysiological Responses in Mothers to Their Own and Unfamiliar Child's Gaze Information. *Brain and Cognition*, 80 (2), pp. 266-276.
16. Doi, H., & Shinohara, K. (2012). Event-Related Potentials Elicited in Mothers by Their Own and Unfamiliar Infants' Faces with Crying and Smiling Expression. *Neuropsychologia*, 50 (7), 1297-1307.
15. Doi, H., & Shinohara, K. (2012). Bodily movement of approach is detected faster than that of receding. *Psychonomic Bulletin & Review*, 19 (5), 858-863.
14. Takahashi, K., Fukuda, H., Ikeda, H., Doi, H., Watanabe, K., Ueda, K., & Shinohara, K. (2011). Roles of the Upper and Lower Body in Direction Discrimination of Point-light Walkers. *Journal of Vision*, 11 (14), 1-13.

13. Doi, H., Kato, M., Nishitani, S., & Shinohara, K. (2011). Development of synchrony between activity patterns of mother-infant pair from 4 to 18 months after birth. *Journal of Physiological Sciences*, 61 (3), pp. 211-216.
12. Nishitani, S., Doi, H., Koyama, A., & Shinohara, K. (2011). Differential prefrontal response to infant facial emotions in mothers compared with non-mothers. *Neuroscience Research*, 70 (2), 183-188.
11. Doi, H., Amamoto, T., Okishige, Y., Kato, M., & Shinohara, K. (2010). The own-sex effect in facial expression recognition. *NeuroReport*, 21 (8), 564-568.
- ※10. Doi, H., Tagawa, M., & Shinohara, K. (2010). Gaze Direction Modulates the Disengagement of Attention From Facial Expression in 10-Month-Olds. *Emotion*, 10 (2), 278-282.
9. Nishitani, S., Miyamura, T., Tagawa, M., Sumi, M., Takase, R., Doi, H., Moriuchi, H., & Shinohara, K. (2009). The calming effect of a maternal breast milk odor on the human newborn infant. *Neuroscience Research*, 63 (1), 66-71.
8. Doi, H., Ueda, K., Shinohara, K. (2009). Learning gaze direction perception - An investigation by behavioral and neurocomputational approaches. *Psychologia*, 52 (4), 224-234.
7. Doi, H., Koga, T., & Shinohara, K. (2009). The 18-month-olds can perceive Mooney faces. *Neuroscience Research*, 64 (3), pp. 317-322, 2009.
6. Doi, H., Ueda, K., & Shinohara, K. (2009). The relational property between eye and head orientation is the primary determinant of the efficiency in the search for deviant gaze. *Quarterly Journal of Experimental Psychology*, 62 (9), 1723-1737.
5. Doi, H., & Shinohara, K. (2009). The perceived duration of emotional face is influenced by the gaze direction. *Neuroscience Letters*, 457 (2), 97-100.
- ※4. Doi, H., Ueda, K., & Shinohara, K. (2009). The Neural-Correlates of the Stare-in-the-Crowd Effect. *Neuropsychologia*, 47 (4), 1053-1060.
3. Doi, H., Kato, A., Hashimoto, A., & Masataka, N. (2008). The role of biological motion information in facial expression recognition by young children. *Perception*, 37 (9), 1399-1411.
2. Doi, H., Sawada, R., & Masataka, N. (2007). The effects of eye and face inversion on the early stages of gaze direction perception-An ERP study. *Brain Research*, 1183 (1), 83-90.
1. Doi, H., & Ueda, K. (2007). Searching for a perceived stare in the crowd. *Perception*, 36 (5), 773-780.

b. 国際学会・海外学会での発表・講演等 *印は招待講演

7. Kobayashi, T., Arai, K., Miyajima, H., Tarumi, W., Doi, H., & Shinohara, K. (2017). Bio-information Inference Platform using Underwear-type Wearable Device. *7th IEEE International Conference on Consumer Electronics (ICCE-Berlin 2017)*, Berlin, Germany.

6. Doi, H., Sulpizio, S., Esposito, G., Kikuno, Y., Bornstein, M.H., & Shinohara, K. (2017). Ultrasonic communication in human mother-infant pair. *13th International Infant Cry Workshop*, Rovereto, Italy.
- *5. Doi, H. (2017). Biological Principles of Human Attractiveness Perception. *IEEE International Conference on Multimedia Big Data (BigMM 2017), Work Shop-IEEE ACM*, Laguna Hills, California, USA.
4. Tsumura, N., Yonezawa, T., Doi, H., Shinohara, K., & Yamamoto, S. (2017). Biological Responses in Observing Sexual Attractiveness of Woman. *IEEE International Conference on Multimedia BigData (BigMM)*, California, USA.
- *3. Doi, H., & Shinohara, K. (2016). Gene X Environment Interaction in Social Cognition Development. *The Development of Bonding: Integrating Genes, Behavior, and Environment Summit Italy-Japan*, University of Trento, Italy.
2. Doi, H., Ueda, K., & Shinohara, K. (2006). Illusory Straight Gaze can Induce "Stare in the Crowd Effect". *The Fifth International Conference on Cognitive Science*, Vancouver, Canada.
1. Doi, H., & Ueda, K. (2005). Estimating TTC with Non-Rigid Approaching Object. *The biennial International Conference of Perception and Action (ICPA)*, California, USA

c. その他の国際的な業績

国内で発行された雑誌での英語論文

3. Takamura, T., Nishitani, S., Doi, H., & Shinohara, K. (2016). Possible neural correlate of young child attachment to mother in 4 to 5 year olds. *Acta Medica Nagasakiensia*, 60(2), 45-51.
2. Nakajima, H., Tsujino, A., Doi, H., Tateishi, Y., Motomura, M., Shinohara, K., Stoh, A., Tsujihata, M., & Kawakami, A. (2013). An impairment of recognizing the emotional facial expressions in Parkinson's disease. *Acta Medica Nagasakiensia*, 57 (3), pp. 69-77.
1. Kato, M., Doi, H., & Shinohara, K. (2013). Effects of Nighttime Sleep Characteristics on Function of Attention Network in Young Children. *Acta Medica Nagasakiensia*, 57 (3), 86-91.

国内で開催された学会での英語発表

16. Doi, H., Shinohara, K. (2017). Paradoxical relationship between salivary oxytocin concentration and aesthetic preference for drawings-A preliminary study. *The 33rd Annual Meeting of the International Society for Psychophysics (Fechner Day 2017)*, Fukuoka, Japan.
15. Doi, H., Fujisawa, T., Iwanaga, R., Matsuzaki, J., Kawasaki, C., Tochigi, M., Sasaki, T., Kato, N., Shinohara, K. (2017). Association between single nucleotide polymorphisms in estrogen receptor genes and severity of autism spectrum disorder. *International Autism Conference Tokyo 2017*, Tokyo, Japan.
14. Doi, H., Basadonne, I., Venuti, P., Shinohara, K. (2017). Men with high salivary testosterone

- level show decreased preference for sophisticated music. *The 6th Conference of the Asia-Pacific Society for the Cognitive Sciences of Music*. Kyoto, Japan.
13. Doi, H., Shinohara K. (2016). Exposure to Emotional Odour Facilitates Response Execution-An ERP study. *31st International Congress of Psychology (ICP2016)*, Kanazawa, Japan.
 12. Doi, H., Nishitani, S., Nagai, T., Fujisawa, T., Takeyama, M., Maeda, T., & Shinohara, K. (2013). Prenatal exposure to polychlorinated biphenyl (PCB) congener impairs socio-cognitive ability in human four-month-olds. *11th World Congress of Biological Psychiatry*, Kyoto, Japan.
 11. Kato, M., Doi, H., & Shinohara, K. (2009). The effects of the sleep quality on the attentional control in preschoolers. *XXXVI International Congress of Physiological Sciences*, Kyoto, Japan.
 10. Doi, H., & Shinohara, K. (2009). The effects of gaze direction on the perceived duration of emotional face. *XXXVI International Congress of Physiological Sciences*, Kyoto, Japan.
 9. Doi, H., Kato, M., Nishitani, S., & Shinohara, K. (2009). The recruitment of the right parietal cortex in inefficient search revealed by fNIRS. *XXXVI International Congress of Physiological Sciences*, Kyoto, Japan.
 8. Inoue, T., Ikeda, E., Doi, H., Nishitani, S., & Shinohara, K. (2009). Influence of high-frequency acoustic component of infant crying on mother's perception. *XXXVI International Congress of Physiological Sciences*, Kyoto, Japan.
 7. Doi, H., & Shinohara, K. (2008). Behavioral inhibition and its relation to preschoolers responses to emotional faces. *2nd WFSBP Asia-Pacific Congress of Biological Psychiatry*, Toyama Japan.
 6. Doi, H., & Shinohara, K. (2008). The neural-correlates of Stare in the crowd effect. *2nd WFSBP Asia-Pacific Congress of Biological Psychiatry*, Toyama Japan.
 5. Nishitani, S., Omori, A., Kisanuki, Y., Koyama, A., Doi, H., Ikeda, E., Onaka, T., & Shinohara, K. (2008). A possible role of the right prefrontal cortex in human maternal behavior. *2nd WFSBP Asia-Pacific Congress of Biological Psychiatry*, Toyama Japan.
 4. Ikeda, E., Nishitani, S., Omori, A., Kisanuki, Y., Doi, H., & Shinohara, K. (2008). The correlations between temperaments and prefrontal reactivity in mothers and non-mothers. *2nd WFSBP Asia-Pacific Congress of Biological Psychiatry*, Toyama Japan.
 3. Inoue, T., Nakagawa, R., Ikeda, E., Nishitani, S., Doi, H., & Shinohara, K. (2008). Development of infant-directed Speech Discrimination Method by application of Hidden-Markov Model. *2nd WFSBP Asia-Pacific Congress of Biological Psychiatry*, Toyama Japan.
 2. Doi, H., & Shinohara, K. (2007). Global Precedence in Gaze Direction Perception. *The 23rd Meeting of the International Society of Psychophysics (Fechner Day 2007)*, Tokyo, Japan.
 1. Doi, H., Sawada, R., & Masataka, N. (2006). Image Motion Processing in Perception of Biological Motion - An ERP Study. *The Fourth Asian Conference on Vision*, Shimane, Japan.

国際学会における受賞歴

11th World Congress of Biological Psychiatry (WFSBP 2013) Young Investigator Award 受賞
(2013年6月)

海外大学の学位審査実績

Ilaria Basadonne (PhD Candidate), Paola Venuti (Supervisor)

“Gastrointestinal conditions, nutritional aspects and gut microbiota in Autism Spectrum Disorders: a new perspective for research and intervention” University of Trento, Doctoral Course of Psychology and Education (Italy)

国際学術誌論文査読実績

1. Applied Sciences
2. Behavioral Processes
3. Behavior Research Methods
4. BMC Psychiatry
5. Brain and Behavior
6. Brain and Cognition
7. Brain Sciences
8. Cerebral Cortex
9. Cognitive, Affective, and Behavioral Neuroscience
10. Child Development Research
11. Experimental Brain Research
12. Emotion
13. Engineering Science and Technology, an International Journal
14. Environment International
15. Frontiers in Human Neuroscience
16. Frontiers in Psychology
17. Human Brain Mapping
18. Neurocomputing
19. Parenting
20. Psychology of Consciousness: Theory, Research and Practice
21. Quarterly Journal of Experimental Psychology
22. Research in Developmental Disabilities
23. Scientific Reports
24. Visual Cognition,