

業績目録(榊美知子)

A) 外国語による論文・著書

- 29 Turkileri, N. & **Sakaki, M.** (2017). Neural mechanisms underlying the effects of emotional arousal on memory. In T. Tshukiura & S. Umeda (Eds), “*Memory in Social Context: Brain, Mind, and Society*,” Springer, Tokyo. Impact factor = NA; citation = 0.
- 28 Yoo, H. J., Thayer, J., Greening, S., Lee, T.-H., Ponzio, A., Min, J., **Sakaki, M.**, Nga, L., Mather, M. and Koenig, J. (2017). Brain structural concomitants of resting state heart rate variability in the young and old – Evidence from two independent samples. *Brain Structure and Function*. Impact factor = 4.698; citation = 1.
- 27 Nashiro, K., **Sakaki, M.**, Braskie, M. N., & Mather, M. (2017). Resting-state networks associated with cognitive processing show more age-related decline than those associated with emotional processing. *Neurobiology of Aging*, 54, 152-162. Impact factor = 5.117; citation = 1.
- 26 Clewett, D., **Sakaki, M.**, Huang, R., Nielsen, S. E., & Mather, M. (2017). Arousal amplifies biased competition between high and low priority memories more in women than in men: the role of elevated noradrenergic activity. *Psychoneuroendocrinology*, 80, 80-91. Impact factor = 4.788; citation = 0.
- 25 Clewett, D., **Sakaki, M.**, Nielsen, S. E., Petzinger, G., & Mather, M. (2017). Noradrenergic mechanisms of arousal's bidirectional effects on episodic memory. *Neurobiology of Learning and Memory*, 137, 1-14. Impact factor = 3.543; citation = 3.
- 24 Mather, M., Clewett, D., **Sakaki, M.**, & Harley, C. W. (2016). GANEing traction: the broad applicability of NE hotspots to diverse cognitive and arousal phenomena. *Behavioral and Brain Sciences*, 39, e228. Impact factor = 14.2; citation = 1.
- 23 Mather, M., Clewett, D., **Sakaki, M.**, & Harley, C. W. (2016). Norepinephrine ignites local hot spots of neuronal excitation: How arousal amplifies selectivity in perception and memory. *Behavioral and Brain Sciences*, 39, e200. Impact factor = 14.2; citation = 88.
- 22 Barber, S. J., Opitz, P. C., Martins, B., **Sakaki, M.**, & Mather, M. (2016). Thinking about a limited future enhances the positivity of younger and older adults' recall: Support for socioemotional selectivity theory. *Memory & Cognition*, 44, 869-882. Impact factor = 2.253, citation = 7.
- 21 ***Sakaki, M.**, Yoo H-Y., Nga, L., Lee, T-H., Thayer, J. F., & Mather, M. (2016). Heart rate variability is associated with amygdala functional connectivity with MPFC across younger and older adults. *NeuroImage*, 139, 44-52. Impact factor = 5.835, citation = 17.

- 20 Lee, T. H., **Sakaki, M.**, Cheng, R., Velasco, R., & Mather, M. (2014). Emotional arousal amplifies the effects of biased competition in the brain. *Social Cognitive and Affective Neuroscience*, 9, 2067-2077. Impact factor = 3.937, citation = 62.
- 19 Murayama, K., **Sakaki, M.**, Yan, V., & Smith, G. (2014). Type-1 error inflation in the traditional by-participant analysis to metamemory accuracy: A generalized mixed-effects model perspective. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 40, 1287-1306. Impact factor = 2.667, citation = 32.
- 18 ***Sakaki, M.**, Fryer, K., & Mather, M. (2014). Emotion strengthens high priority memory traces but weakens low priority memory traces. *Psychological Science*, 25, 387-395. Impact factor = 5.667, citation = 75.
- 17 **Sakaki, M.** *, Kuhbandner, C.*, Mather, M., & Pekrun, R. (2014). Memory suppression can help people “unlearn” behavioral responses—but only for non-emotional memories. *Psychonomic Bulletin & Review*, 21, 136-141. * equal contribution. Impact factor = 2.921, citation = 2.
- 16 ***Sakaki, M.**, Ycaza-Herrera, E. A., & Mather, M. (2014). Association learning for emotional harbinger cues: When do previous emotional associations impair and when do they facilitate subsequent learning of new associations? *Emotion*. 14, 115-129. Impact factor = 4.266, citation = 35.
- 15 Nashiro, K., **Sakaki, M.**, Huffman, D., & Mather, M. (2013). Both younger and older adults have difficulty updating emotional memories. *Journal of Gerontology: Psychological Sciences*, 68 (2), 224-227. Impact factor = 3.064, citation = 9.
- 14 Nashiro, K., **Sakaki, M.**, Nga, L., & Mather, M. (2013). Age-related similarities and differences in brain activity underlying reversal learning. *Frontiers in Integrative Neuroscience*, 7:37. Impact factor = NA, citation = 7.
- 13 **Sakaki, M.** & Murayama, K. (2013). Automatic ability attribution after failure: A dual process view of achievement attribution. *PLoS ONE*, 8 (5), e63066. Impact factor = 2.806, citation = 4.
- 12 ***Sakaki, M.**, Nga, L., & Mather, M. (2013). Amygdala functional connectivity with medial prefrontal cortex at rest predicts the positivity effect in older adults’ memory. *Journal of Cognitive Neuroscience*, 25, 1206-1224. Impact factor = 3.108, citation = 30
- 11 **Sakaki, M.** & Mather, M. (2012). How reward and emotional stimuli induce different reactions across the menstrual cycle. *Social and Personality Psychology Compass*, 6, 1-17. Impact factor = NA, citation = 46.
- 10 **Sakaki, M.**, Niki, K., & Mather, M. (2012). Beyond arousal and valence: The importance of the biological versus social relevance of emotional stimuli. *Cognitive, Affective, & Behavioral Neuroscience*, 12, 115-139. Impact factor = 3.263, citation = 66.
- 9 Lighthall, R. N., **Sakaki, M.**, Vasunilashorn, S., Nga, L., Somayajula, S., Chen, E. Y., Samii, N., Mather, M. (2012). Sex differences in reward-related decision processing under stress.

Social, Cognitive & Affective Neuroscience, 7 (4): 476-484. Impact factor = 3.937, citation = 141.

- 8 Nashiro, K., **Sakaki, M.**, Nga, L., & Mather, M. (2012). Differential brain activity during emotional vs. non-emotional reversal learning. *Journal of Cognitive Neuroscience*, 24 (8), 1794-1805. Impact factor = 3.108, citation = 15.
- 7 Nashiro, K., **Sakaki, M.**, & Mather, M. (2012). Age differences in brain activity during emotion processing: Reflections of age-related decline or increased emotion regulation? *Gerontology*, 58, 156-163. Impact factor = 4.252, citation = 108.
- 6 **Sakaki, M.**, Gorlick, M. A., & Mather, M. (2011). Differential interference effects of negative emotional states on subsequent semantic and perceptual processing. *Emotion*, 11, 1263-78. Impact factor = 4.266, citation = 18.
- 5 **Sakaki, M.**, Niki, K., & Mather, M. (2011). Updating existing emotional memories involves the frontopolar/ orbitofrontal cortex in ways that acquiring new emotional memories does not. *Journal of Cognitive Neuroscience*, 23, 3498-3514. Impact factor = 3.108, citation = 20.
- 4 **Sakaki, M.** & Niki, K. (2011). Effects of the brief viewing of emotional stimuli on understanding of insight solutions. *Cognitive, Affective, & Behavioral Neuroscience*, 11, 526-540. Impact factor = 3.263, citation = 28.
- 3 ***Sakaki, M.** (2007). Mood and recall of autobiographical memory: The effect of focus of self-knowledge. *Journal of Personality*, 75, 421-449. Impact factor = 3.59, citation = 23.
- 2 **Sakaki, M.** (2007). Semantic self-knowledge and episodic self-knowledge: Independent or interrelated representations? *Memory*, 15, 1-16. Impact factor = 2.118, citation = 16.
- 1 **Sakaki, M.** (2004). Effects of self-complexity on mood-incongruent recall. *Japanese Psychological Research*, 46, 127-134. Impact factor = 0.531, citation = 22.

Impact factor (IF) はJournal Citation Reports による最新のもの。Citation回数はGoogle scholarによる2018年1月現在のもの

B) 国際学会・海外学会での発表・講演等

32. Raw, J., Ellis, J. & **Sakaki, M.** (2017). Memory for the 2016 EU Referendum: Flashbulb memories and emotion. Meeting for the *Experimental Psychology Society*, Reading, UK.
31. Turkileri, N., Field, D., Ellis, J. & **Sakaki, M.** (2017). The effects of emotional arousal on memory-guided attention. Meeting for the *Experimental Psychology Society*, Reading, UK.
30. Turkileri, N., Field, D., Ellis, J. & **Sakaki, M.** (2016). The effects of emotional arousal on memory-guided attention. *International Conference on Memory*, Budapest, Hungary.
29. Raw, J., Mather, M., & **Sakaki, M.** (2016). Tonic arousal amplifies selective effects of emotion on memory. *The meeting for Experimental Psychological Society*, Durham, UK.

28. Barber, S., Opitz, P. C., Martins, B., **Sakaki, M.**, & Mather, M. (2015). Thinking about a limited future reduces the negativity of younger and older adults: Support for socioemotional selectivity theory. *The annual conference for the Society for Affective Science Conference*, San Francisco, CA, US.
27. Clewett, D., **Sakaki, M.**, Nielsen, S., Petzinger, G. & Mather, M. (2015). Noradrenergic mechanisms of arousal-biased competition in memory, *The 45th annual meeting for Society for Neuroscience*, Chicago, IL, US.
26. Inseloz, N. T., Field, D., Ellis, J. & **Sakaki, M.** (2015). The effects of emotional arousal on memory-guided attention. *The annual meeting for the British Association for Cognitive Neuroscience*, Essex, UK
25. **Sakaki, M.**, Ponzio, A., Ueno, T. & Mather, M. (2015). Emotional arousal impairs memory only when the input information competes with each other. *56th Annual Meeting of Psychonomic Society*, Chicago, US.
24. **Sakaki, M.**, Ponzio, A., & Mather, M. (2015). Arousal-biased competition: Emotional arousal impairs memory only when the input information competes with each other. *27th APS Annual Convention*, Poster session, New York, US.
23. **Sakaki, M.**, Fryer, K., & Mather, M. (2013). Whether emotion leads to retrograde amnesia or facilitation depends on the focus of top-down attention. *20th Cognitive Neuroscience Society Annual Meeting*, Poster Session, San Francisco, US.
22. **Sakaki, M.**, Nga, L., & Mather, M. (2012). Older adults' positivity effect in memory is related to their amygdala-mPFC functional connectivity during rest. *19th Cognitive Neuroscience Society Annual Meeting*, Poster Session, Chicago, US.
21. **Sakaki, M.**, Ycaza, A., & Mather, M. (2012). When do previous emotional associations impair and when do they facilitate subsequent learning of new associations? *53rd Annual Meeting of Psychonomic Society*, Minneapolis, US.
20. Lee, B., **Sakaki, M.**, Murayama, K., Maier, M., & Pekrun, R. (2011). Acute stress response increases rejections in the Ultimatum Game. *4th Workshop for Judgment and Decision Making*, Bonn, NRW.
19. Lee, B., **Sakaki, M.**, Murayama, K., Maier, M., & Pekrun, R. (2011). Acute Stress Response Increases Rejections in the Ultimatum Game. *32nd Annual Conference of the Society for Judgment and Decision Making*, Seattle, WA.
18. Nashiro, K., **Sakaki, M.**, Nga, L., & Mather, M. (2011). Differential neural activity during emotional vs. non-emotional reversal learning. *52nd Annual Meeting of the Psychonomic Society*, Seattle, WA, US.
17. Nashiro, K., **Sakaki, M.**, Nga, L., & Mather, M. (2011). Differential neural activity during emotional vs. non-emotional reversal learning. *Bay Area Memory Meeting (BAMM)*, Berkeley, CA.
16. **Sakaki, M.** (2011). Age differences in amygdala functional connectivity during rest. Paper presented at the symposium, " Normal and pathological aging of the emotional brain: Clinical relevance and theoretical outcomes" at *the 2011 International Society for Research on Emotion*, Kyoto, Japan.

15. **Sakaki, M.**, Gorlick, M. A., & Mather, M. (2011). Differential interference effects of negative emotional states on subsequent semantic and perceptual processing. *52nd Annual Meeting of Psychonomic Society*, Seattle, US.
14. **Sakaki, M.**, Sutherland, R. M., Nga, L., & Mather, M. (2011). Age differences in amygdala functional connectivity during rest. *18th Cognitive Neuroscience Society Annual Meeting*, Poster Session, San Francisco, US.
13. **Sakaki, M.**, Niki, K., & Mather, M. (2010). Brain mechanisms underlying the intrusive nature of previous emotional associations. *17th Cognitive Neuroscience Society Annual Meeting*, Poster Session, Montreal, Canada.
12. Lighthall, N. R., **Sakaki, M.**, Vasunilashorn, S, Nga, L, Gorlick, MA, Somayajula, S, Mather, M. (2010). Stress effects on risk- and reward-related decision processing are modulated by sex. *Association for Psychological Science Annual Convention*. Boston, MA.
11. Lighthall, N. R., **Sakaki, M.**, Vasunilashorn, S, Somayajula, S, Mather, M. (2010). Stress alters reward-related decision processing but effects are modulated by sex. *University of Southern California, Graduate and Professional Student Senate Poster Symposium*. Los Angeles, CA.
10. **Sakaki, M.** & Niki, K. (2009). Neural correlates with biological and social emotional stimuli. Poster Session, *16th Cognitive Neuroscience Society Annual Meeting*, San Francisco, USA.
9. Lighthall, N. R., **Sakaki, M.**, Vasunilashorn, S, Somayajula, S, Nga, L, Mather, M. (2009). Stress modulates sex differences in BOLD response and behavior during decision making. *Society for Neuroeconomics*. Evanston, IL.
8. Lighthall, N, **Sakaki, M.**, Vasunilashorn, S, Somayajula, S, Chen, E, Nga, L, & Mather, M. (2009). Sex differences in stress effects on brain activation and behavior during risk taking. *Cognitive Neuroscience Society Annual Meeting*. San Francisco, CA.
7. **Sakaki, M.** & Niki, K. (2008). Emotion and insight problem solving: Facilitation by positive emotion and interference by negative emotion. *38th Annual Meeting for Society of Neuroscience*, Poster Session, SS15, Washington DC, USA.
6. Niki, K. & **Sakaki, M.** (2008). The effects of positive and negative emotions on insight problem solving. *Human Brain Mapping 2008*, Poster session, Melbourne, Australia.
5. **Sakaki, M.** & Niki, K. (2008). The effects of positive and negative emotions on insight problem solving. *9th Annual Meeting of Society for Personality and Social Psychology (Emotion Preconference)*. Poster Session, Albuquerque, USA.
4. **Sakaki, M.** (2008). The effects of emotion on memory: Distinct mechanisms for biologically emotional information and socially emotional information. *9th Annual Meeting of Society for Personality and Social Psychology*. Poster Session, E158, Albuquerque, USA.
3. **Sakaki, M.** (2007). The attentional holding effect for emotional pictures: Do biological emotional stimuli and social emotional stimuli equally hold attention? *8th Annual Meeting of Society for Personality and Social Psychology*, Poster Session, E78. Memphis, USA.
2. **Sakaki, M.** (2006). Mood and recall of autobiographical memory: The effect of structure of self-knowledge. *7th Annual Meeting of Society for Personality and Social Psychology*, Poster Session, E107. Palm Springs, USA.

1. **Sakaki, M.** (2004). Structure of self-knowledge: Is self-concept represented independently of autobiographical memory. *28th International Congress of Psychology*. Poster Session, 3118.79. Beijing, China.

C) その他の国際的な業績

海外での研究費取得

Marie Curie Career Integration Grant, European Commission

Role: Principle Investigator

10/1/13-

“The effects of emotion on top-down prioritization among younger and older adults.”

British Academy & Leverhulme Trust Small Research Grant

Role: Principal Investigator

“The effects of emotional arousal and physiological arousal on memory consolidation.”

9/1/14-8/31/16

国内で開催された国際学会で外国語で発表されたもの

3. **Sakaki, M.** (2005). The impact of mood on recall of autobiographical memory: The effects of structures of self-knowledge. *6th Tsukuba International Conference on Memory*, Paper Presentation, 1. Tsukuba, Japan.
2. **Sakaki, M.** (2005). Nature of autobiographical memory that facilitates improvement of negative moods. *International Symposium on New Perspectives in Affective Science*. Poster Session. Kyoto, Japan.
1. **Sakaki, M.** (2004). Structures of self-knowledge: Relation between self-concept and autobiographical memory. *5th Tsukuba International Conference on Memory*, Poster Session, 48. Tsukuba, Japan.

海外の大学でのInvited Talk

2016 Max Planck Institute

Swansea University

2015 Swiss Center for Affective Sciences/University of Geneva

2014 Gent University

2013 Aston University

Lancaster University

University of California, Los Angeles

University of Cambridge

University of Reading

University of Sussex

2012 University of California, Los Angeles

University of Essex

2010 Ludwig-Maximilians-Universitaet Muenchen (University of Munich)

2006 University of California, Santa Cruz

国際誌におけるEditorial work

Consulting Editor in *Emotion* (2013-2017)

Guest associate editor of *Frontiers in Fractal Physiology* (2012-2013)

海外研究費審査員

Biotechnology and Biological Sciences Research Council (2017)

国際誌査読

Aging, Neuropsychology and Cognition

Cognitive, Affective & Behavioral Neuroscience

Cognition & Emotion

Emotion

Frontiers in Integrative Neuroscience

Frontiers in Psychology

Group Processes & Intergroup Relation

Human Brain Mapping

Journal of Cognitive Psychology

Journal of Cognitive Neuroscience

Journal of Experimental Psychology: General

Journal of Experimental Psychology: Learning, Memory & Cognition

Journal of Experimental Psychopathology

Journal of Gerontology: Psychological Science

Journal of Neuroscience

Journal of Personality

Journal of Psychophysiology

Memory

Nature Human Behaviour

PLoS One

Psychoneuroendocrinology

Psychological Medicine

Psychological Science

Psychology & Aging
Psychonomic Bulletin & Review
Psychiatry Research
Social, Cognitive and Affective Neuroscience

国際学会プログラム委員

Program committee for 2016 International Conference of Psychology