

1. Kimura Y, Fujioka T, **Jung M**, Fujisawa TX, Tomoda A, **Kosaka H**.
[An investigation of the effect of social reciprocity, social anxiety, and letter fluency on communicative behaviors in adults with autism spectrum disorder.](#)
Psychiatry Res., 294:113503, 2020.12
PMID: 33113450, DOI: 10.1016/j.psychres.2020.113503
2. Okazawa H, Ikawa M, Tsujikawa T, Makino A, Mori T, Kiyono Y, **Kosaka H**
[Noninvasive Measurement of \[11 C\]PiB Distribution Volume Using Integrated PET/MRI.](#)
Diagnostics (Basel), 10(12):993, 2020.11.24
PMID: 33255169, DOI: 10.3390/diagnostics10120993
3. Nobukawa S, Yamanishi T, **Ueno K**, Mizukami K, Nishimura H, **Takahashi T**.
[High Phase Synchronization in Alpha Band Activity in Older Subjects With High Creativity.](#)
Front Hum Neurosci, 22;14:583049, 2020.10.22
PMID: 33192416, DOI: 10.3389/fnhum.2020.583049.
4. Yoshimura Y, Kikuchi M, Saito DN, Hirosawa T, **Takahashi T**, Munesue T, **Kosaka H**, Naito N, Ouchi , Minabe Y
[Markers for the central serotonin system correlate to verbal ability and paralinguistic social voice processing in autism spectrum disorder.](#)
Sci Rep., 10(1):14558, 2020.09.03
PMID: 32883965, DOI: 10.1038/s41598-020-71254-w
5. Yamasue H, Okada T, Munesue T, Kuroda M, Fujioka T, Uno Y, Matsumoto K, Kuwabara H, Mori D, Okamoto Y, Yoshimura Y, Kawakubo Y, Arioka Y, Kojima M, Yuhi T, Owada k, Yassin W, Kushima I, Benner S, Ogawa N, Eriguchi Y, Kawano N, Uemura Y, Yamamoto M, Kano Y, Kasai K, Higashida H, Ozaki N, **Kosaka H**.
[Effect of intranasal oxytocin on the core social symptoms of autism spectrum disorder: a randomized clinical trial.](#)
Mol Psychiatry, 25(8):1849-1858, 2020.08
PMID: 29955161, DOI: 10.1038/s41380-018-0097-2
6. Yoshimura Y, Hasegawa C, Ikeda T, Saito DN, Hiraishi H, **Takahashi T**, Kumazaki H, Kikuchi M.
[The maturation of the P1m component in response to voice from infancy to 3 years of age: A longitudinal study in young children.](#)
Brain Behav, 10(8):e01706, 2020.08
PMID: 32573987, DOI: 10.1002/brb3.1706
7. Fujioka T, Fujisawa TX, Inohara K, Okamoto Y, **Matsumura Y**, Tsuchiya KJ, Katayama T, Munesue T, Tomoda A, **Wada Y**, **Kosaka H**.
[Attenuated relationship between salivary oxytocin levels and attention to social information in](#)

- [adolescents and adults with autism spectrum disorder: a comparative study.](#)
Ann Gen Psychiatry, 19:38, 2020.06.05
PMID: 32518579, DOI: 10.1186/s12991-020-00287-2
8. **Jung M**, Takiguchi S, Hamamura S, Mizuno Y, **Kosaka H**, Tomoda A.
[Thalamic volume is related to increased anterior thalamic radiations in children with reactive attachment disorder.](#)
Cerebral Cortex, 30(7):4238-4245, 2020.06.01
PMID: 32147718, DOI: 10.1093/cercor/bhaa051
9. Ono Y, Kudoh K, Ikeda T, **Takahashi T**, Yoshimura Y, Minabe Y, Kikuchi M.
[Auditory steady-state response at 20 Hz and 40 Hz in young typically developing children and children with autism spectrum disorder.](#)
Psychiatry Clin Neurosci, 74(6):354-361, 2020.06
PMID: 32155301, DOI: 10.1111/pcn.12998
10. Okamoto Y, Kitada R, Kochiyama T, Naruse H, Makita K, Miyahara M, Okazawa H, **Kosaka H**.
[Visual Body Part Representation in the Lateral Occipitotemporal Cortex in Children and Adults.](#)
Cereb Cortex Commun, 1(1):tgaa007, 2020.04.13
PMID: 34296088, DOI: 10.1093/texcom/tgaa007
11. Fujioka T, Tsuchiya KJ, Saito M, Hirano Y, Matsuo M, Kikuchi M, Maegaki Y, Choi D, Kato S, Yoshida T, Yoshimura Y, Ooba S, Mizuno Y, Takiguchi S, Matsuzaki H, Tomoda A, Shudo K, Ninomiya M, Katayama T, **Kosaka H**.
[Developmental changes in attention to social information from childhood to adolescence in autism spectrum disorders: A comparative study.](#)
Mol Autism, 11(1):24, 2020.04.09
PMID: 32272970, DOI: 10.1186/s13229-020-00321-w
12. Nobukawa S, Yamanishi T, Kasakawa S, Nishimura H, Kikuchi M, **Takahashi T**.
[Classification Methods Based on Complexity and Synchronization of Electroencephalography Signals in Alzheimer's Disease.](#)
Front Psychiatry, 11:255, 2020.04.07
PMID: 32317994, DOI: 10.3389/fpsy.2020.00255
13. Okazawa H, Ikawa M, **Jung M**, Maruyama R, Tsujikawa T, Mori T, Rahman MGM, Makino A, Kiyono Y, **Kosaka H**.
[Multimodal analysis using \[11C\]PiB-PET/MRI for functional evaluation of patients with Alzheimer's disease.](#)
EJNMMI Research, 10(1):30, 2020.03.30
PMID: 32232573, DOI: 10.1186/s13550-020-00619-z
14. Kuno-Fujita A, Iwabuchi T, Wakusawa K, Ito H, Suzuki K, Shigetomi A, **Kosaka H**, Tsujii M, Tsuchiya KJ.
[Sensory processing patterns and fusiform activity during face processing in autism spectrum](#)

[disorder.](#)

Autism Res, 13(5):741-750, 2020.02

PMID: 32058662, DOI: 10.1002/aur.2283

15. Sumiya M, Okamoto Y, Koike T, Tanigawa T, Okazawa H, **Kosaka H**, Sadato N.

[Attenuated activation of the anterior rostral medial prefrontal cortex on self-relevant social reward processing in individuals with autism spectrum disorder.](#)

NeuroImage Clin, 26:102249, 2020

PMID: 32325424, DOI: 10.1016/j.nicl.2020.102249