

2019 外国語著書 Book (English)

Alterations in neurotransmitter and molecular systems in psychotic disorders; c.

Hashimoto T, Lewis DA.

GABA In: Tamminga CA, Ivleva EI, Reininghas U, Van Os J, eds. Dimensions of Psychosis: Comprehensive Conceptualization and Treatments. New York, NY: Oxford University Press. In Press.

2019 外国語論文 Article (English)

A monoclonal antibody raised against a synthetic oxytocin peptide stains mouse hypothalamic neurons.

Kogami Y, Tsuji T, Tsuji C, Yokoyama S, Furuhashi K, Lopatina O, Shabalova A, Salmina AB, Watanabe Y, Hattori T, Nishimori K, Kodama K, Higashida H.

J Neuroendocrinol. 2019 Nov 26:e12815. doi: 10.1111/jne.12815. [Epub ahead of print]

Feasibility of autism-focused public speech training using a simple virtual audience for autism spectrum disorder.

Kumazaki H, Muramatsu T, Kobayashi K, Watanabe T, Terada K, Higashida H, Yuhi T, Mimura M, Kikuchi M.

Psychiatry Clin Neurosci. 2019 Oct 28. doi: 10.1111/pcn.12949. [Epub ahead of print]

Deletion of CD38 Suppresses Glial Activation and Neuroinflammation in a Mouse Model of Demyelination.

Roboon J, Hattori T, Ishii H, Takarada-Iemata M, Le TM, Shiraishi Y, Ozaki N, Yamamoto Y, Sugawara A, Okamoto H, Higashida H, Kitao Y, Hori O.

Front Cell Neurosci. 2019 Jun 6;13:258. doi: 10.3389/fncel.2019.00258. eCollection 2019.

Synthesis of oxytocin derivatives lipidated via a carbonate or carbamate linkage as a long-acting therapeutic agent for social impairment-like behaviors.

Cherepanov SM, Miura R, Shabalova AA, Ichinose W, Yokoyama S, Fukuda H, Watanabe M, Higashida H, Shuto S.

**Bioorg Med Chem. 2019 Aug 1;27(15):3358-3363. doi: 10.1016/j.bmc.2019.06.018.
Epub 2019 Jun 10.**

Excitation/inhibition imbalance and impaired neurogenesis in neurodevelopmental and neurodegenerative disorders.

Lopatina OL, Malinovskaya NA, Komleva YK, Gorina YV, Shuvaev AN, Olovyannikova RY, Belozor OS, Belova OA, Higashida H, Salmina AB.

Rev Neurosci. 2019 Nov 26;30(8):807-820. doi: 10.1515/revneuro-2019-0014.

Quantitative facial expression analysis revealed the efficacy and time course of oxytocin in autism.

Owada K, 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, Yassin W, Kushima I, Benner S, Ogawa N, Kawano N, Eriguchi Y, Uemura Y, Yamamoto M, Kano Y, Kasai K, Higashida H, Ozaki N, Kosaka H, Yamasue H.

Brain. 2019 Jul 1;142(7):2127-2136. doi: 10.1093/brain/awz126.

Development of a Highly Potent Analogue and a Long-Acting Analogue of Oxytocin for the Treatment of Social Impairment-Like Behaviors.

Ichinose W, Cherepanov SM, Shabalova AA, Yokoyama S, Yuhi T, Yamaguchi H, Watanabe A, Yamamoto Y, Okamoto H, Horike S, Terakawa J, Daikoku T, Watanabe M, Mano N, Higashida H, Shuto S.

**J Med Chem. 2019 Apr 11;62(7):3297-3310. doi: 10.1021/acs.jmedchem.8b01691.
Epub 2019 Apr 2.**

Vascular RAGE transports oxytocin into the brain to elicit its maternal bonding behaviour in mice.

Yamamoto Y, Liang M, Munesue S, Deguchi K, Harashima A, Furuhashi K, Yuhi T, Zhong J, Akther S, Goto H, Eguchi Y, Kitao Y, Hori O, Shiraishi Y, Ozaki N, Shimizu Y, Kamide T, Yoshikawa A, Hayashi Y, Nakada M, Lopatina O, Gerasimenko M, Komleva Y, Malinovskaya N, Salmina AB, Asano M, Nishimori K, Shoelson SE, Yamamoto H, Higashida H.

Commun Biol. 2019 Feb 25;2:76. doi: 10.1038/s42003-019-0325-6. eCollection 2019.

Social Interaction Improved by Oxytocin in the Subclass of Autism with Comorbid Intellectual Disabilities.

Higashida H, Munesue T, Kosaka H, Yamasue H, Yokoyama S, Kikuchi M.
Diseases. 2019 Feb 22;7(1). pii: E24. doi: 10.3390/diseases7010024. Review.

Job interview training targeting nonverbal communication using an android robot for individuals with autism spectrum disorder.

Kumazaki H, Muramatsu T, Yoshikawa Y, Corbett BA, Matsumoto Y, Higashida H, Yuhi T, Ishiguro H, Mimura M, Kikuchi M.
Autism. 2019 Aug;23(6):1586-1595. doi: 10.1177/1362361319827134. Epub 2019 Feb 22.

CD38, CD157, and RAGE as Molecular Determinants for Social Behavior.

Higashida H, Hashii M, Tanaka Y, Matsukawa S, Higuchi Y, Gabata R, Tsubomoto M, Seishima N, Teramachi M, Kamijima T, Hattori T, Hori O, Tsuji C, Cherepanov SM, Shabalova AA, Gerasimenko M, Minami K, Yokoyama S, Munesue SI, Harashima A, Yamamoto Y, Salmina AB, Lopatina O.
Cells. 2019 Dec 25;9(1). pii: E62. doi: 10.3390/cells9010062.

Coding of odors in the anterior olfactory nucleus.

Tsuji T, Tsuji C, Lozic M, Ludwig M, Leng G.
Physiol Rep. 2019 Nov;7(22):e14284. doi: 10.14814/phy2.14284.

Oxytocin induced epithelium-mesenchymal transition through Rho-ROCK pathway in ARPE-19 cells, a human retinal pigmental cell line.

Takahiro Tsuji, Masaru Inatani, Chiharu Tsuji, Stanislav M. Cheranov, and Kazuaki Kadonosono
Tissue and Cell, accepted

Neuroprotective Effects of Endogenous Secretory Receptor for Advanced Glycation End-products in Brain Ischemia

Yu Shimizu, Ai Harashima, Seiichi Munesue, Masahiro Oishi, Tsuyoshi Hattori, Osamu Hori, Yasuko Kitao, Hiroshi Yamamoto, Nontaphat Leerach, Mitsutoshi Nakada, Yasuhiko Yamamoto, Yasuhiko Hayashi
Aging and Disease 2019, in press

Soluble receptor for advanced glycation end products as a biomarker of symptomatic vasospasm in subarachnoid hemorrhage.

Aida Y, Kamide T, Ishii H, Kitao Y, Uchiyama N, Nakada M, Hori O.

J Neurosurg. 2019 Nov 1:1-9. doi: 10.3171/2019.8.JNS191269. [Epub ahead of print]

Caspase-1 initiates apoptosis in the absence of gasdermin D.

Tsuchiya K, Nakajima S, Hosojima S, Thi Nguyen D, Hattori T, Manh Le T, Hori O, Mahib MR, Yamaguchi Y, Miura M, Kinoshita T, Kushiyama H, Sakurai M, Shiroishi T, Suda T.

Nat Commun. 2019 May 7;10(1):2091. doi: 10.1038/s41467-019-09753-2.

Pre-administration of low-dose methamphetamine enhances movement and neural activity after high-dose methamphetamine administration in the striatum.

Takeichi T, Hori O, Hattori T, Kiryu K, Zuka M, Kitamura O.

Neurosci Lett. 2019 Jun 11;703:119-124. doi: 10.1016/j.neulet.2019.03.023.

Microglial activation in the cochlear nucleus after early hearing loss in rats.

Noda M, Hatano M, Hattori T, Takarada-Iemata M, Shinozaki T, Sugimoto H, Ito M, Yoshizaki T, Hori O.

Auris Nasus Larynx. 2019 Oct;46(5):716-723. doi: 10.1016/j.anl.2019.02.006.

Expression of Transcripts Selective for GABA Neuron Subpopulations across the Cortical Visuospatial Working Memory Network in the Healthy State and Schizophrenia.

Tsubomoto M, Kawabata R, Zhu X, Minabe Y, Chen K, Lewis DA, Hashimoto T.

Cereb Cortex. 2019 Jul 22;29(8):3540-3550. doi: 10.1093/cercor/bhy227.

Pigeons show metamemory by requesting reduced working memory loads.

Iwasaki, S., Kuroshima, H., & Fujita, K.

Animal Behavior and Cognition, 6(4), 247-253. doi: 10.26451/abc.06.04.04.2019

Feasibility of autism-focused public speech training using a simple virtual audience for autism spectrum disorder.

Kumazaki H, Muramatsu T, Kobayashi K, Watanabe T, Terada K, Higashida H, Yuhi T, Mimura M, Kikuchi M.

Psychiatry Clin Neurosci. 2019 Oct 28. doi: 10.1111/pcn.12949. [Epub ahead of print]

How the Realism of Robot Is Needed for Individuals With Autism Spectrum Disorders in an Interview Setting.

Kumazaki H, Muramatsu T, Yoshikawa Y, Matsumoto Y, Miyao M, Ishiguro H, Mimura M, Minabe Y, Kikuchi M.

Front Psychiatry. 2019 Jul 11;10:486. doi: 10.3389/fpsy.2019.00486.

Relaxing Gaze Aversion of Adolescents With Autism Spectrum Disorder in Consecutive Conversations With Human and Android Robot-A Preliminary Study.

Yoshikawa Y, Kumazaki H, Matsumoto Y, Miyao M, Kikuchi M, Ishiguro H.

Front Psychiatry. 2019 Jun 14;10:370. doi: 10.3389/fpsy.2019.00370.

Anodal Transcranial Direct Current Stimulation Induces High Gamma-Band Activity in the Left Dorsolateral Prefrontal Cortex During a Working Memory Task: A Double-Blind, Randomized, Crossover Study.

Ikeda T, Takahashi T, Hiraishi H, Saito DN, Kikuchi M.

Front Hum Neurosci. 2019 Apr 24;13:136. doi: 10.3389/fnhum.2019.00136.

Brief Report: Olfactory Adaptation in Children with Autism Spectrum Disorders.

Kumazaki H, Muramatsu T, Miyao M, Okada KI, Mimura M, Kikuchi M.

J Autism Dev Disord. 2019 Aug;49(8):3462-3469. doi: 10.1007/s10803-019-04053-6.

Atypical body movements during night in young children with autism spectrum disorder: a pilot study.

Naito N, Kikuchi M, Yoshimura Y, Kumazaki H, Kitagawa S, Ikeda T, Hasegawa C, Saito DN, Tomiyama S, Minabe Y.

Sci Rep. 2019 May 6;9(1):6999. doi: 10.1038/s41598-019-43397-y.

Role-Play-Based Guidance for Job Interviews Using an Android Robot for Individuals With Autism Spectrum Disorders.

Kumazaki H, Muramatsu T, Yoshikawa Y, Matsumoto Y, Ishiguro H, Mimura M, Kikuchi M.

Front Psychiatry. 2019 Apr 11;10:239. doi: 10.3389/fpsy.2019.00239.

Comedic experience with two robots aided a child with autism spectrum disorder to realize the importance of nonverbal communication.

Kumazaki H, Muramatsu T, Yoshikawa Y, Matsumoto Y, Ishiguro H, Sumiyoshi T, Mimura M, Kikuchi M.

Psychiatry Clin Neurosci. 2019 Jul;73(7):423. doi: 10.1111/pcn.12846.

Endogenous dopamine release under transcranial direct-current stimulation governs enhanced attention: a study with positron emission tomography.

Fukai M, Bunai T, Hirose T, Kikuchi M, Ito S, Minabe Y, Ouchi Y.

Transl Psychiatry. 2019 Mar 15;9(1):115. doi: 10.1038/s41398-019-0443-4.

Job interview training targeting nonverbal communication using an android robot for individuals with autism spectrum disorder.

Kumazaki H, Muramatsu T, Yoshikawa Y, Corbett BA, Matsumoto Y, Higashida H, Yuhi T, Ishiguro H, Mimura M, Kikuchi M.

Autism. 2019 Aug;23(6):1586-1595. doi: 10.1177/1362361319827134.

Atypical temporal-scale-specific fractal changes in Alzheimer's disease EEG and their relevance to cognitive decline.

Nobukawa S, Yamanishi T, Nishimura H, Wada Y, Kikuchi M, Takahashi T.

Cogn Neurodyn. 2019 Feb;13(1):1-11. doi: 10.1007/s11571-018-9509-x.

Brief Report: A Novel System to Evaluate Autism Spectrum Disorders Using Two Humanoid Robots.

Kumazaki H, Muramatsu T, Yoshikawa Y, Yoshimura Y, Ikeda T, Hasegawa C, Saito DN, Shimaya J, Ishiguro H, Mimura M, Kikuchi M.

J Autism Dev Disord. 2019 Apr;49(4):1709-1716. doi: 10.1007/s10803-018-3848-7.

Changes in functional connectivity dynamics with aging: A dynamical phase synchronization approach.

Nobukawa S, Kikuchi M, Takahashi T.

Neuroimage. 2019 Mar;188:357-368. doi: 10.1016/j.neuroimage.2018.12.008.

Brief Report: Evaluating the Utility of Varied Technological Agents to Elicit Social Attention from Children with Autism Spectrum Disorders.

Kumazaki H, Warren Z, Swanson A, Yoshikawa Y, Matsumoto Y, Yoshimura Y, Shimaya J, Ishiguro H, Sarkar N, Wade J, Mimura M, Minabe Y, Kikuchi M.
J Autism Dev Disord. 2019 Apr;49(4):1700-1708. doi: 10.1007/s10803-018-3841-1.

Effect of individual food preferences on oscillatory brain activity.

Tashiro N, Sugata H, Ikeda T, Matsushita K, Hara M, Kawakami K, Kawakami K, Fujiki M.

Brain Behav. 2019 May;9(5):e01262. doi: 10.1002/brb3.1262. Epub 2019 Apr 4.

Local-to-distant development of the cerebrocerebellar sensorimotor network in the typically developing human brain: a functional and diffusion MRI study.

Amemiya K, Morita T, Saito DN, Ban M, Shimada K, Okamoto Y, Kosaka H, Okazawa H, Asada M, Naito E.

Brain Struct Funct. 2019 Apr;224(3):1359-1375. doi: 10.1007/s00429-018-01821-5.

Early intervention and perspectives for children with autism spectrum disorder in Japan

Yoshimura Y, Tanaka S, Haramaki R.T.

Pediatr Med 2019;2:55 doi: 10.21037/pm.2019.10.02

Examining the Treatment Efficacy of PEERS in Japan: Improving Social Skills Among Adolescents with Autism Spectrum Disorder.

Yamada T, Miura Y, Oi M, Akatsuka N, Tanaka K, Tsukidate N, Yamamoto T, Okuno H, Nakanishi M, Taniike M, Mohri I, Laugeson EA.

J Autism Dev Disord. 2019 Dec 10. doi: 10.1007/s10803-019-04325-1. [Epub ahead of print]

Similarities and Differences Between Native and Non-native Speakers' Processing of Formulaic Sequences: A Functional Near-Infrared Spectroscopy (fNIRS) Study.

Zhao L, Yasunaga D, Kojima H.

J Psycholinguist Res. 2019 Jul 26. doi: 10.1007/s10936-019-09655-w. [Epub ahead of print]

Sport Experience and Physical Activity: Event-Related Brain Potential and Task Performance Indices of Attention in Young Adults

Mohamed Aly , Mohamed A. Ahmed, Asmaa Hasan, Haruyuki Kojima, Abdelhakem R. Abdelhakem

J. Funct. Morphol. Kinesiol., 4(2), 33. doi:10.3390/jfmk4020033

The effects of physical activity and fitness on cognitive performance : current status and future prospects.

Mohamed Aly, Haruyuki Kojima.

Human and Socio-Environmental Studies. 37: 55-72.

2019 日本語著書 Book (Japanese)

イラストでわかる子どもの吃音サポートガイド：1人ひとりのニーズに対応する環境整備と合理的配慮

原著書 単著 小林宏明

合同出版 2019.9

特別支援教育第3版：1人ひとりの教育的ニーズに応じて

原著書 分担執筆 柳本雄二, 河合康(編著), 須藤典征, 浦崎源次, 石田祥代, 塩川宏郷, 阿部崇, 上田征三, 後藤隆章, 佐藤克敏, 肥後祥治, 佐島毅, 福田奏子, 佐藤至英, 高橋幸子, 一木薫, 八島猛, 小林宏明

福村出版 2019.4

学習性無力感の基礎研究

嶋田洋徳(編), 分担執筆 荒木友希子

丸善出版 認知行動療法事典, p80-81, 2019.9

2019 日本語論文 Article (Japanese)

パターン認識受容体 RAGE はオキシトシンと結合し脳内への輸送を行う

東田陽博, 山本靖彦

分子精神医学 19 巻 No. 4, 259-258, 2019

自閉スペクトラム児におけるプロソディ表出面についての評価

三浦優生, 松井智子, 藤野博, 東條吉邦, 計野浩一郎, 大井学

発達心理学研究、30(4)、in press

視覚対象追従運動における疲労感の研究

小島治幸, 仁野しなの

電子情報通信学会技術研究報告 (IEICE Technical Report), Vo.118(493), 37-40.
(HIP2018-90, 2019, 3, 9-10)

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小林宏明

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