

## 業績論文リスト

分野名	論文
<a href="#">分子神経生物学分野(1)</a>	Nawa H, Sotoyama H, Iwakura Y, Takei N, Namba H. Neuropathologic implication of peripheral neuregulin-1 and EGF signals in dopaminergic dysfunction and behavioral deficits relevant to schizophrenia: their target cells and time window. <i>Biomed Res Int.</i> 2014;2014:697935. doi: 10.1155/2014/697935.
<a href="#">分子神経生物学分野(2)</a>	Takei N, Nawa H. mTOR signaling and its roles in normal and abnormal brain development. <i>Front Mol Neurosci.</i> 2014 Apr 23;7:28. doi: 10.3389/fnmol.2014.00028. eCollection 2014.
<a href="#">分子神経生物学分野(3)</a>	Bundo M, Toyoshima M, Okada Y, Akamatsu W, Ueda J, Nemoto-Miyauchi T, Sunaga F, Toritsuka M, Ikawa D, Kakita A, Kato M, Kasai K, Kishimoto T, Nawa H, Okano H, Yoshikawa T, Kato T, Iwamoto K. Increased I1 retrotransposition in the neuronal genome in schizophrenia. <i>Neuron.</i> 2014 Jan 22;81(2):306-13. doi: 10.1016/j.neuron.2013.10.053
<a href="#">細胞神経生物学分野(1)</a>	Itoi K, Talukder AH, Fuse T, Kaneko T, Ozawa R, Sato T, Sugaya T, Uchida K, Yamazaki M, Abe M, Natsume R, Sakimura K. Visualization of Corticotropin-Releasing Factor Neurons by Fluorescent Proteins in the Mouse Brain and Characterization of Labeled Neurons in the Paraventricular Nucleus of the Hypothalamus. <i>Endocrinology.</i> 2014 Oct;155(10):4054-60. doi: 10.1210/en.2014-1182.
<a href="#">細胞神経生物学分野(2)</a>	Kaneko R, Abe M, Hirabayashi T, Uchimura A, Sakimura K, Yanagawa Y, Yagi T. Expansion of stochastic expression repertoire by tandem duplication in mouse Protocadherin- $\alpha$ cluster. <i>Sci Rep.</i> 2014 Sep 2;4:6263. doi: 10.1038/srep06263.
<a href="#">細胞神経生物学分野(3)</a>	Konno K, Matsuda K, Nakamoto C, Uchigashima M, Miyazaki T, Yamasaki M, Sakimura K, Yuzaki M, Watanabe M. Enriched Expression of GluD1 in Higher Brain Regions and Its Involvement in Parallel Fiber-Interneuron Synapse Formation in the Cerebellum. <i>J Neurosci.</i> 2014 May 28;34(22):7412-24. doi: 10.1523/JNEUROSCI.0628-14.2014.
<a href="#">システム脳生理学分野(1)</a>	Tohmi M, Meguro R, Tsukano H, Hishida R, Shibuki K. The extrageniculate visual pathway generates distinct response properties in the higher visual areas of mice. <i>Current Biology</i> 24, 587-597, 2014.
<a href="#">システム脳生理学分野(2)</a>	Hishida R, Kudoh M, Shibuki K. Multimodal cortical sensory pathways revealed by sequential transcranial electrical stimulation in mice. <i>Neurosci. Res.</i> 87, 49-55, 2014.
<a href="#">病理学分野/デジタル医学分野/脳疾患標本資源解析学分野(1)</a>	Miyahara H, Natsumeda M, Yoshimura J, Okazaki K, Toyoshima Y, Fujii Y, Takahashi H, Kakita A. Neuronal differentiation associated with Gli3 expression predicts favorable outcome in patients with medulloblastoma. <i>Neuropathology</i> 2014; 34 (1): 1-10.
<a href="#">病理学分野/デジタル医学分野/脳疾患標本資源解析学分野(2)</a>	Konno T, Tada M, Shiga A, Tsujino A, Eguchi H, Masuda-Suzukake M, Hasegawa M, Nishizawa M, Onodera O, Kakita A, Takahashi H. C9ORF72 repeat-associated non-ATG-translated polypeptides are distributed independently of TDP-43 in a Japanese patient with c9ALS. <i>Neuropathol Appl Neurobiol</i> 2014; 40 (6): 783-788.
<a href="#">病理学分野/デジタル医学分野/脳疾患標本資源解析学分野(3)</a>	Kimura T, Jiang H, Konno T, Seto M, Iwanaga K, Tsujihata M, Satoh A, Onodera O, Kakita A, Takahashi H. Bunina bodies in motor and non-motor neurons revisited: a pathological study in an ALS patient after long-term survival on a respirator. <i>Neuropathology</i> 2014; 34 (4): 392-397.
<a href="#">分子病態学(客員)分野(1)</a>	Tanji K, Miki Y, Ozaki T, Maruyama A, Yoshida H, Mimura J, Matsumiya T, Mori F, Imaizumi T, Itoh K, Kakita A, Takahashi H, Wakabayashi K. Phosphorylation of serine 349 of p62 in Alzheimer's disease brain. <i>Acta Neuropathol Comm</i> 2: 50, 2014
<a href="#">分子病態学(客員)分野(2)</a>	Miki Y, Tanji K, Mori F, Wakabayashi K. Sigma-1 receptor is involved in degradation of intranuclear inclusions in a cellular model of Huntington's disease. <i>Neurobiol Dis</i> 74: 25-31, 2014
<a href="#">分子病態学(客員)分野(3)</a>	Wakabayashi K, Mori F, Kakita A, Takahashi H, Utsumi J, Sasaki H. Analysis of microRNA from archived formalin-fixed paraffin-embedded specimens of amyotrophic lateral sclerosis. <i>Acta Neuropathol Comm</i> 2:173, 2014
<a href="#">脳神経外科学分野(1)</a>	Nishikawa T, Okamoto K, Matsuzawa H, Terumitsu M, Nakada T, Fujii Y. Detectability of neural tracts and nuclei in the brainstem utilizing 3DAC-PROPELLER. <i>J Neuroimaging.</i> 24(3):238-44, 2014
<a href="#">脳神経外科学分野(2)</a>	Fukuda M, Takao T, Hiraishi T, Yoshimura J, Yajima N, Saito A, Fujii Y. Clinical factors predicting outcomes after surgical resection for sporadic cerebellar hemangioblastomas. <i>World Neurosurg.</i> 2014 Nov;82(5):815-21

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<a href="#">脳神経外科学分野(3)</a>	Natsumeda M, Igarashi H, Nomura T, Ogura R, Tsukamoto Y, Kobayashi T, Aoki H, Okamoto K, Kakita A, Takahashi H, Nakada T, Fujii Y. Accumulation of 2-hydroxyglutarate in gliomas correlates with survival: a study by 3.0-tesla magnetic resonance spectroscopy. <i>Acta Neuropathol Commun.</i> 2(1):158, 2014
<a href="#">神経内科学分野(1)</a>	Yokoseki A, Saji E, Arakawa M, Kosaka T, Hokari M, Toyoshima Y, Okamoto K, Takeda S, Sanpei K, Kikuchi H, Hirohata S, Akazawa K, Kakita A, Takahashi H, Nishizawa M, and Kawachi I. Hypertrophic pachymeningitis: significance of myeloperoxidase anti-neutrophil cytoplasmic antibody. <i>Brain</i> 2014;137(2):520-536.
<a href="#">神経内科学分野(2)</a>	Kawamura K, Takahashi T, Kanazawa M, Igarashi H, Nakada T, Nishizawa M, Shimohata T. Effects of angiopoietin-1 on hemorrhagic transformation and cerebral edema after tissue plasminogen activator treatment for ischemic stroke in rats. <i>PLoS One.</i> 2014 Jun 4;9(6):e98639.
<a href="#">神経内科学分野(3)</a>	Ouchi H, Toyoshima Y, Tada M, Oyake M, Aida I, Tomita I, Satoh A, Tsujihata M, Takahashi H, Nishizawa M, Shimohata T. Pathology and sensitivity of current clinical criteria in corticobasal syndrome. <i>Mov Disord.</i> 2014;29:238-44.
<a href="#">統合脳機能研究センター(1)</a>	Nakada T. Virchow-Robin space and aquaporin-4: new insights on an old friend. <i>Croat Med J.</i> 2014 Aug 28;55(4):328-36.
<a href="#">統合脳機能研究センター(2)</a>	Igarashi H, Suzuki Y, Kwee IL, Nakada T. Water influx into cerebrospinal fluid is significantly reduced in senile plaque bearing transgenic mice, supporting beta-amyloid clearance hypothesis of Alzheimer's disease. <i>Neurol Res.</i> 2014
<a href="#">統合脳機能研究センター(3)</a>	Igarashi H, Tsujita M, Kwee IL, Nakada T. Water influx into cerebrospinal fluid is primarily controlled by aquaporin-4, not by aquaporin-1: 170 JVCPE MRI study in knockout mice. <i>Neuroreport.</i> 2014 Jan 8;25(1):39-43.
<a href="#">遺伝子機能解析学分野/ 生命情報工学分野(1)</a>	Konno T, Tada M, Tada M, Koyama A, Nozaki H, Harigaya Y, Nishimiya J, Matsunaga A, Yoshikura N, Ishihara K, Arakawa M, Isami A, Okazaki K, Yokoo H, Itoh K, Yoneda M, Kawamura M, Inuzuka T, Takahashi H, Nishizawa M, Onodera O, Kakita A, Ikeuchi T. Haploinsufficiency of CSF-1R and Clinicopathological Characterization in patients with HDLS. <i>Neurology</i> 82:139-148, 2014
<a href="#">遺伝子機能解析学分野/ 生命情報工学分野(2)</a>	Miyashita A, Hatsuta H, Kikuchi M, Nakaya A, Saito Y, Tsukie T, Hara K, Ogishima S, Kakita A, Takahashi H, Murayama S, Ihara Y, Ikeuchi T, Kuwano R. Genes associated with the progression of neurofibrillary tangles in Alzheimer's disease brain. <i>Translational Psychiatry</i> 4, e396, 2014
<a href="#">遺伝子機能解析学分野/ 生命情報工学分野(3)</a>	Miyashita A, Wen Y, Kitamura N, Matsubara E, Kawarabayashi T, Shoji M, Tomita N, Arai H, Asada T, Harigaya Y, Ikeda M, Amari M, Hanyu H, Higuchi S, Nishizawa M, Suga M, Kawase Y, Akatsu H, Imagawa M, Hamaguchi T, Yamada M, Morihara T, Takeda M, Takao T, Nakata K, Sasaki K, Watanabe K, Nakajima K, Urakami K, Ooya T, Takahashi M, Yuzuriha T, Serikawa K, Yoshimoto S, Nakagawa R, Saito Y, Hatsuta H, Murayama S, Kakita A, Takahashi H, Yamaguchi H, Akazawa K, Kanazawa I, Ihara Y, Ikeuchi T, Kuwano R. Lack of genetic association between TREM2 and late-onset Alzheimer's disease in the Japanese population. <i>Journal of Alzheimer's disease</i> 41:1031-1038, 2014
<a href="#">動物資源開発研究分野(1)</a>	Nakamura T, Sato A, Kitsukawa T, Momiyama T, Yamamori T, Sasaoka T. Distinct motor impairments of dopamine D1 and D2 receptor knockout mice revealed by three types of motor behavior. <i>Front Integr Neurosci.</i> 8:56, 2014
<a href="#">動物資源開発研究分野(2)</a>	Hayashi Y, Nabeshima Y, Kobayashi K, Miyakawa T, Tanda K, Takao K, Suzuki H, Esumi E, Noguchi S, Matsuda Y, Sasaoka T, Noda T, Miyazaki JI, Mishina M, Funabiki K, Nabeshima YI. Enhanced stability of hippocampal place representation caused by reduced magnesium block of NMDA receptors in the dentate gyrus. <i>Mol Brain.</i> 7:44, 2014
<a href="#">動物資源開発研究分野(3)</a>	Sato A, Sasaoka T, Nishijo T, Momiyama T. GABAergic synaptic transmission onto striatal cholinergic interneurons in dopamine D2 receptor knock-out mice. <i>Neuroscience.</i> 263:138-47, 2014
<a href="#">分子神経疾患資源解析学分野(1)</a>	Onodera O, Ishihara T, Shiga A, Ariizumi Y, Yokoseki A, Nishizawa M. Minor splicing pathway is not minor any more: implications for the pathogenesis of motor neuron diseases. <i>Neuropathology,</i> 34:99-107, 2014