

## 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>	Ishizuka Y, Kakiya N, Witters LA, Oshiro N, Shirao T, Nawa H, Takei N. AMP-activated protein kinase counteracts brain-derived neurotrophic factor-induced mammalian target of rapamycin complex 1 signaling in neurons. <i>J Neurochem</i> .2013 Oct;127(1):66-77.
<a href="#">分子神経生物学分野(2)</a>	Eda T, Mizuno M, Araki K, Iwakura Y, Namba H, Sotoyama H, Kakita A, Takahashi H, Satoh H, Chan SY, Nawa H. Neurobehavioral deficits of epidermal growth factor-overexpressing transgenic mice: impact on dopamine metabolism. <i>Neurosci Lett</i> .2013 Jun 28;547:21-5.
<a href="#">分子神経生物学分野(3)</a>	Mizuno M, Sotoyama H, Namba H, Shibuya M, Eda T, Wang R, Okubo T, Nagata K, Iwakura Y, Nawa H. ErbB inhibitors ameliorate behavioral impairments of an animal model for schizophrenia: implication of their dopamine-modulatory actions. <i>Transl Psychiatry</i> .2013 Apr 30;3:e252.
<a href="#">細胞神経生物学分野(1)</a>	Kano M, Nakayama H, Hashimoto K, Kitamura K, Sakimura K, Watanabe M. Calcium-dependent regulation of climbing fibre synapse elimination during postnatal cerebellar development. <i>J Physiol</i> . 591(Pt 13):3151-8.2013.
<a href="#">細胞神経生物学分野(2)</a>	Sugaya Y, Cagniard B, Yamazaki M, Sakimura K, Kano M. The endocannabinoid 2-arachidonoylglycerol negatively regulates habituation by suppressing excitatory recurrent network activity and reducing long-term potentiation in the dentate gyrus. <i>J Neurosci</i> . 33(8):3588-601.2013.
<a href="#">細胞神経生物学分野(3)</a>	Saito YC, Tsujino N, Hasegawa E, Akashi K, Abe M, Mieda M, Sakimura K, Sakurai T. GABAergic neurons in the preoptic area send direct inhibitory projections to orexin neurons. <i>Front Neural Circuits</i> . 7:192.2013.
<a href="#">システム脳生理学分野(1)</a>	Yoshitake K, Tsukano H, Tohmi M, Komagata S, Hishida R, Yagi T, Shibuki K. Visual map shifts based on whisker-guided cues in the young mouse visual cortex. <i>Cell Reports</i> , 5: 1365-1374, 2013.
<a href="#">システム脳生理学分野(2)</a>	Honma Y, Tsukano H, Horie M, Ohshima S, Tohmi M, Kubota Y, Takahashi K, Hishida R, Takahashi S, Shibuki K. Auditory cortical areas activated by slow frequency-modulated sounds in mice. <i>PLoS ONE</i> , 8: e68113, 2013.
<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>	Shimizu H, Toyoshima Y, Shiga A, Yokoseki A, Arakawa K, Sekine Y, Shimohata T, Ikeuchi T, Nishizawa M, Kakita A, Onodera O, Takahashi H. Sporadic ALS with compound heterozygous mutation in the SQSTM1 gene. <i>Acta Neuropathol</i> 126: 453-459,2013.
<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>	Takeuchi R, Toyoshima Y, Tada M, Shiga A, Tanaka H, Shimohata M, Kimura K, Morita T, Kakita A, Nishizawa M, Takahashi H. Transportin 1 accumulates in FUS inclusions in adult-onset ALS without FUS mutation. <i>Neuropathol Appl Neurobiol</i> 39: 580-584,2013.
<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>	Miyahara H, Natsumeda M, Shiga A, Aoki H, Toyoshima Y, Zheng Y, Takeuchi R, Murakami H, Masuda H, Kameyama S, Izumi T, Fujii Y, Takahashi H, Kakita A. Suppressed expression of autophagosomal protein LC3 in cortical tubers of tuberous sclerosis complex. <i>Brain Pathol</i> 23: 254-262,2013.
<a href="#">分子病態学(客員)分野(1)</a>	Mori F, Tanji K, Toyoshima Y, Sasaki H, Yoshida M, Kakita A, Takahashi H, Wakabayashi K. Valosin-containing protein immunoreactivity in tauopathies, synucleinopathies, polyglutamine diseases and intranuclear inclusion body disease. <i>Neuropathology</i> 33: 637-644, 2013.
<a href="#">分子病態学(客員)分野(2)</a>	Odagiri S, Tanji K, Mori F, Miki Y, Kakita A, Takahashi H, Wakabayashi K. Brain expression level and activity of HDAC6 protein in neurodegenerative dementia. <i>Biochem Biophys Res Comm</i> 430: 394-399, 2013.
<a href="#">分子病態学(客員)分野(3)</a>	Furuta A, Wakabayashi K, Haratake J, Kikuchi H, Kabuta T, Mori F, Tokonami F, Katsumi Y, Tanioka F, Uchiyama Y, Nishino I, Wada K. Lysosomal storage and advanced senescence in the brain of LAMP-2-deficient Danon disease. <i>Acta Neuropathol</i> 125: 459-461, 2013.
<a href="#">脳神経外科学分野(1)</a>	Aoki H, Ogura R, Tsukamoto Y, Okada M, Natsumeda M, Isogawa M, Yoshida S, Fujii Y. Advantages of Dose-dense Methotrexate Protocol for Primary Central Nervous System Lymphoma: Comparison of Two Different Protocols at a Single Institution. <i>Neurol Med Chir (Tokyo)</i> 53(11):797-804, 2013.
<a href="#">脳神経外科学分野(2)</a>	Hiraishi T, Kitaura H, Oishi M, Fukuda M, Kameyama S, Takahashi H, Kakita A, Fujii Y. Significance of horizontal propagation of synchronized activities in human epileptic neocortex investigated by optical imaging and immunohistological study. <i>Epilepsy Res</i> 104(1-2):59-67, 2013.

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<a href="#">脳神経外科学分野(3)</a>	Hiraishi T, Fukuda M, Oishi M, Fujii Y. Facial nerve dysfunction after drainage of cerebrospinal fluid during vestibular schwannoma surgery. Clin Neurol Neurosurg 115(1):102-105, 2013.
<a href="#">神経内科学分野(1)</a>	Saji E, Arakawa M, Yanagawa K, Toyoshima Y, Yokoseki A, Okamoto K, Otsuki M, Akazawa K, Kakita A, Takahashi H, Nishizawa M, Kawachi I. Cognitive impairment and cortical degeneration in neuromyelitis optica. Annals of Neurology 2013;73(1):65-76.
<a href="#">神経内科学分野(2)</a>	Ikeda T, Takahashi T, Sato A, Tanaka H, Igarashi S, Fujita N, Kuwabara T, Kanazawa M, Nishizawa M, Shimohata T. Predictors of outcome in hypoglycemic encephalopathy. Diabetes Res Clin Pract. 2013 Aug;101(2):159-163.
<a href="#">神経内科学分野(3)</a>	Ozawa T, Tokunaga J, Arakawa M, Ishikawa A, Takeuchi R, Mezaki N, Miura T, Sakai N, Hokari M, Takeshima A, Utsumi K, Kondo T, Yokoseki A, Nishizawa M. Abnormal ghrelin secretion contributes to gastrointestinal symptoms in multiple system atrophy patients. J Neurol. 2013 Aug;260(8):2073-7.
<a href="#">統合脳機能研究センター(1)</a>	Igarashi H, Tsujita M, Suzuki Y, Kwee IL, Nakada T. Inhibition of aquaporin-4 significantly increases regional cerebral blood flow. Neuroreport. 2013 Apr 17;24(6):324-8.
<a href="#">統合脳機能研究センター(2)</a>	Suzuki Y, Nakamura Y, Yamada K, Huber VJ, Tsujita M, Nakada T. Aquaporin-4 positron emission tomography imaging of the human brain: first report. J Neuroimaging. 2013 Apr;23(2):219-23.
<a href="#">遺伝子機能解析学分野/ 生命情報工学分野</a>	Miyashita A, Koike A, Jun G, Wang LS, Takahashi S, Matsubara E, Kawarabayashi T, Shoji M, Tomita N, Arai H, Asada T, Harigaya Y, Ikeda M, Amari M, Hanyu H, Higuchi S, Ikeuchi T, Nishizawa M, Suga M, Kawase Y, Akatsu H, Kosaka K, Yamamoto T, Imagawa M, Hamaguchi T, Yamada M, Morihara T, Takeda M, Takao T, Nakata K, Fujisawa Y, Sasaki K, Watanabe K, Nakashima K, Urakami K, Ooya T, Takahashi M, Yuzuriha T, Serikawa K, Yoshimoto S, Nakagawa R, Kim JW, Ki CS, Won HH, Na DL, Seo SW, Mook-Jung I, The Alzheimer Disease Genetics Consortium, George-Hyslop PS, Mayeux R, Haines JL, Pericak-Vance MA, Yoshida M, Nishida N, Tokunaga K, Yamamoto K, Tsuji S, Kanazawa I, Ihara Y, Schellenberg GD, Farrer LA, Kuwano R. SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. PLoS One 8:e58618, 2013.
<a href="#">動物資源開発研究分野(1)</a>	Okamoto M, Namba T, Shinoda T, Kondo T, Watanabe T, Inoue Y, Takeuchi K, Enomoto Y, Ota K, Oda K, Wada Y, Sagou K, Saito K, Sakakibara A, Kawaguchi A, Nakajima K, Adachi T, Fujimori T, Ueda M, Hayashi S, Kaibuchi K and Miyata T. TAG-1-assisted progenitor elongation streamlines nuclear migration to optimize subapical crowding. Nat Neurosci 16: 1556-1566, 2013.
<a href="#">動物資源開発研究分野(2)</a>	Takeuchi K, Yoshioka N, Higa Onaga S, Watanabe Y, Miyata S, Wada Y, Kudo C, Okada M, Ohko K, Oda K, Sato T, Yokoyama M, Matsushita N, Nakamura M, Okano H, Sakimura K, Kawano H, Kitagawa H, and Igarashi M. Chondroitin sulfate N-acetylgalactosaminyl-transferase-1 inhibits recovery from neural injury. Nat Commun 4: 2740, 2013.
<a href="#">動物資源開発研究分野(3)</a>	Watanabe Y, Katayama N, Takeuchi K, Togano T, Itoh R, Sato M, Yamazaki M, Abe M, Sato T, Oda K, Yokoyama M, Takao K, Fukaya M, Miyakawa T, Watanabe M, Sakimura K, Manabe T, and Igarashi M. Point Mutation in Syntaxin-1A Causes Abnormal Vesicle Recycling, Behaviors, and Short Term Plasticity. J Biol Chem 288: 34906-34919, 2013.
<a href="#">分子神経疾患資源解析学分野(1)</a>	Ishihara T, Ariizumi Y, Shiga A, Kato T, Tan CF, Sato T, Miki Y, Yokoo M, Fujino T, Koyama A, Yokoseki A, Nishizawa M, Kakita A, Takahashi H, Onodera O. Decreased number of Gemini of coiled bodies and U12 snRNA level in amyotrophic lateral sclerosis. Hum Mol Genet, 22:4136-4147. 2013.
<a href="#">分子神経疾患資源解析学分野(2)</a>	Onodera O, Sugai A, Konno T, Tada M, Koyama A, Nishizawa M. What is the key player for TDP-43 pathology in ALS: absence from the nucleus or inclusion formation in the cytoplasm? Neurol Clin Neurosci 1:11-7.2013.