平成24年度班会議発表演題
＜個別研究課題＞

内容は本報告書の「研究発表」の項目に掲載

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2．望月　秀樹：α-synuclein凝集機構の解析
3．徳田　隆彦：p62/SQSTM1依存的なα-シヌクレイン封入体のオートファジークリアランス
4．梶　　龍兒：パーキンとChPFファミリーの機能連関
5．服部　信孝：日本人パーキンソン病患者におけるVPS35変異の頻度と臨床的特徴
6．村松　慎一：パーキンソン病遺伝子治療におけるAADC遺伝子の長期発現
7．服部　信孝：ショウジョウバエにおいてNitric oxideシグナルはFoxOを介してドーパミン神経細胞の生存性に影響する
8．長谷川一子：Park8患者脳脊髄液におけるビオプテリン代謝- その２
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14．桑原　　聡：パーキンソン病の早期診断における胃電図の有用性：MIBG心筋シンチグラフィおよび嗅覚試験との比較
15．瀧山　嘉久：発汗異常のあるパーキンソン病患者における皮膚交感神経活動と効果器反応について
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50. 高橋　良輔：転写を標的とした家族性筋萎縮性側索硬化症新規治療法の開発
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52. 土井由利子：臨床調査個人票を用いた ALS の疫学研究
53. 清水　俊夫：進行期筋萎縮性側索硬化症患者における意志伝達障害の予測因子に関する検討
54. 中野　今治：ZNF512B 遺伝子は ALS 患者における予後規定因子である
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Sharma M, Ioannidis JP, Aasly JO, Annesi G, Brice A, Bertram L, Bozi M, Barcikowska M, Crosiers D, Clarke CE, Facheris MF, Farrer M, Garraux G, Gispert S, Auburger G, Vilariño-Güell C, Hadjigeorgiou GM, Hicks AA, Hattori N, Jeon BS, Jamrozik Z, Krygowska-Wajs A, Lesage S, Lill CM, Lin JJ, Lynch T, Lichtner P, Lang AE, Libioulle C, Murata M, Mok V, Jasinska-Myga B, Mellick GD, Morrison KE, Meitnger T, Zimprich A, Opala G, Pramstaller PP, Pichler I, Park SS, Quattrone A, Rogaeva E, Ross OA, Stefanis L, Stockton JD, Satake W, Silburn PA, Strom TM, Theuns J, Tan EK, Toda T, Tomiyama H, Uitti RJ, Van Broeckhoven C, Wirdefeldt K, Wszolek Z, Xiromerisiou G, Yomono HS, Yueh KC, Zhao Y, Gasser T, Maraganore D, Krüger R; GEOPD consortium.	A multi-centre clinico-genetic analysis of the VPS35 gene in Parkinson disease indicates reduced penetrance for disease-associated variants.	J Med Genet	49	721-726	2012	無
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Mimoto T, Morimoto N, Miyazaki K, Kurata T, Sato K, Ikeda Y, Abe K.	Expression of heat shock transcription factor 1 and its downstream target protein T-cell death associated gene 51 in the spinal cord of a mouse model of amyotrophic lateral sclerosis.	Brain Research	1488	123-31	2012	有
Sato K, Morimoto N, Kurata T, Mimoto T, Miyazaki K, Ikeda Y, Abe K.	Impaired response of hypoxic sensor protein HIF-1α and its downstream proteins in the spinal motor neurons of ALS model mice.	Brain Research	1473	55-62	2012	有
Kurata T, Kawai H, Miyazaki K, Kozuki M, Morimoto N, Ohta Y, Ikeda Y, Abe K.	Statins have therapeutic potential for the treatment of Alzheimer's disease, likely via protection of the neurovascular unit in the AD brain.	Journal of the Neurological Sciences	322	59-63	2012	有
Sato K, Morimoto N, Matsuura T, Ohta Y, Tsunoda M, Ikeda Y, Abe K	CSF flow dynamics in motor neuron disease.	Neurological Research	34(5)	512-7	2012	有
Morimoto N, Kurata T, Sato K, Ikeda Y, Sato S, Abe K.	Frontal dysfunctions of ALS-PBP patients in relation to their bulbar symptoms and rCBF decline.	Journal of the Neurological Sciences	319	96-101	2012	有
Morimoto N, Miyazaki K, Kurata T, Ikeda Y, Matsuura T, Kang D, Ide T, Abe K.	Effect of mitochondrial transcription factor a overexpression on motor neurons in amyotrophic lateral sclerosis model mice.	Journal of the Neurological Sciences	90(6)	1200-8	2012	有
Mimoto T, Miyazaki K, Morimoto N, Kurata T, Satoh K, Ikeda Y, Abe K.	Impaired antioxydative Keap1/Nrf2 system and the downstream stress protein responses in the motor neuron of ALS model mice.	Brain Research	1446	109-18	2012	有
Mizuno Y, Fujita Y, Takatama M, Okamoto K	Comparison of phosphorylated TDP-43-positive inclusions in oculomotor neurons in patients with non-ALS and ALS disorders	J Neurol Sci	315	20-25	2012	有
Makioka K, Yamazaki T, Takatama M, Nakazato Y, Okamoto K	Activation and alteration of lysosomes in multiple system atrophy	Clin Neurosci Neuropathol	23	270-276	2012	有
Furuta N, Ikeda M, Hirayanagi K, Fujita Y, Amanuma M, Okamoto K	A Novel GJA1 mutation in oculodentodigital dysplasia with progressive spastic paraplegia and sensory deficits	Internal Medicine	51	93-98	2012	有
Ushikubo M, Okamoto K	Circumstances surrounding death and nursing difficulties with end-of-life care for individuals with ALS in central Japan	International Journal of Palliative Nursing	18	S54-S60	2012	有

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著　者　名	論　文　題　名	雑　誌　名	巻	頁	出版西暦年	GRANTへの謝辞の有無
Sohmiya M, Wada N, Tazawa M, Okamoto K, Shirakura K	mmediate effects of physical therapy on gait disturbance and frontal assessment battery in Parkinson's disease	Geriatrics and Gerontology International	online	doi:10.1111/j.1447-0594	2012	有
Ikeda M, Hirayanagi K, Arai M, Kakuda S, Makioka K, Furuta N, Takai E, Kasahara H, Tsukagishi S, Fujita Y, Amari M, Takatama M, Okamoto	Encephalopathy with amyloid angiopathy and numerous amyloid plaques with low levels of CSF Aβ 1-40/Aβ1-42	Amyloid	eraly online	1-5	2012	有
Ikeda Y, Ohta Y, Kobayashi H, Okamoto M, Takamatsu K, Ota T, Manabe Y, Okamoto K, Koizumi A, Abe K	Clinical features of SCA36: A novel spinocerebellar ataxia with motor neuron involvement (Asidan)	Neurology	79	333-341	2012	有
Egawa N, Kitaoka S, Tsukita K, Naitoh M, Takahashi K, Yamamoto T, Adachi F, Kondo T, Okita K, Asaoka I, Aoi T, Watanabe A, Yamada Y, Morizane A, Takahashi J, Ayaki T, Ito H, Yoshikawa K, Yamawaki S, Suzuki S, Watanabe D, Hioki H, Kaneko T, Makioka K, Okamoto K, Takuma H, Tamaoka A, Hasegawa K, Nonaka T, Hasegawa M, Kawata A, Yoshida M, Nakahata T, Takahashi R, Marchetto MCN, Gage FH, Yamanaka S, Inoue H	Drug screening for ALS using patient-specific induced pluripotent stem cells	Science Translational Medicine	4	1-8	2012	有
Nawa M, Kage-Nakadai E, Aiso S, Okamoto K, Mitani A, Matsuoka M	Reduced Expression of BTBD10, an Akt Activator, leads to motor neuron death	Cell Death and Differentiation	19	1398-1407	2012	無
Shiga A, Ishihara T, Miyashita A, Kuwabara M, Kato T, Watanabe N, Yamahira A, Kondo C, Yokoseki A, Takahashi M, Kuwano R, Kakita A, Nishizawa M, Takahashi H, Onodera O.	Alteration of POLDIP3 splicing associated with loss of function of TDP-43 in tissues affected with ALS.	PLoS One.	7 (8)	e43120	2012	有
Konno T, Shiga A, Tsujino A, Sugai A, Kato T, Kanai K, Yokoseki A, Eguchi H, Kuwabara S, Nishizawa M, Takahashi H, Onodera O.	Japanese amyotrophic lateral sclerosis patients with GGGGCC hexanucleotide repeat expansion in C9ORF72.	J Neurol Neurosurg Psychiatry.	e-pub	e-pub	2012	有
Hideyama T, Yamashita Y, H Aizawa, Tsuji S, Kakita A, Takahashi H, Kwak S	Profound downregulation of the RNA editing enzyme ADAR2 in ALS motor neurons.	Neurobiol Dis	45	1121-28	2012	有
Yamashita T, Hideyama T, Teramoto S, Kwak S	Abnormal processing of TDP-43 does not regulate ADAR2 activity in cultured cell lines.	Neurosci Res	73	153-160	2012	無
Yamashita T, Tadami C, Nishimoto Y, Hideyama T, Kimura D, Suzuki T, Kwak S	RNA editing of the Q/R site of GluA2 in cultured cell lines expressing different levels of the RNA editing enzyme ADAR2.	Neurosci Res	73	42-48	2012	無
Hideyama T, Teramoto S, Hachiga K, Yamashita T, Kwak S	Co-occurrence of TDP-43 mislocalization with reduced RNA editing enzyme, ADAR2, in aged mouse motor neurons: implications for age-related acceleration of ALS.	PLos On	8	e43469	2012	有
Yamashita T, Hideyama T, Hachiga K, Teramoto S, Takano J, Iwata N, Saido TC, and Kwak S	A role for calpain-dependent cleavage of TDP-43 in amyotrophic lateral sclerosis pathology.	Nat Commun	3	1307	2012	無
Miyashiro A, Sugihara K, Kawarai T, Miyamoto R, Izumi Y, Morino H, Maruyama H, Orlacchio A, Kawakami H, Kaji R.	Oromandibular dystonia associated with SCA36	Movement disorders	in press	in press	2013	無
Sako W, Ito H, Yoshida M, Koizumi H, Kamada M, Fujita K, Hashizume Y, Izumi Y, Kaji R.	Nuclear factor kappa B expression in patients with sporadic amyotrophic lateral sclerosis and hereditary amyotrophic lateral sclerosis with optineurin mutations.	Clinical neuropathology	31	418-423	2012	無

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Okita S, Morigaki R, Koizumi H, Kaji R, Nagahiro S, Goto S.	Cell type-specific localization of optineurin in the striatal neurons of mice	implications for neuronal vulnerability in Huntington's disease.	202	363-377	2012	無
Miyazaki Y, Sako W, Asanuma K, Izumi Y, Miki T, Kaji R.	Efficacy of zolpidem for dystonia	Frontiers in neurology	3	65	2012	無
Miyamoto R, Ohta E, Kawarai T, Koizumi H, Sako W, Izumi Y, Obata F, Kaji R	Miyamoto R, Ohta E, Kawarai T, Koizumi H, Sako W, Izumi Y, Obata F, Kaji R. Broad spectrum of dystonia associated with a novel thanatosis-associated protein domain-containing apoptosis-associated protein 1 mutation in a Japanese family with dystonia 6, torsion.	Movement disorders	27	1324-1325	2012	無
Miyamoto R, Goto S, Sako W, Miyashiro A, Kim I, Escande F, Harada M, Morigaki R, Asanuma K, Mizobuchi Y, Nagahiro S, Izumi Y, Kaji R.	Generalized dystonia in a patient with a novel mutation in the GLUD1 gene.	Movement disorders	27	1198-1199	2012	無
Kuroda Y, Sako W, Goto S, Sawada T, Uchida D, Izumi Y, Takahashi T, Kagawa N, Matsumoto M, Takahashi R, Kaji R, Mitsui T.	Parkin interacts with Klokin1 for mitochondrial import and maintenance of membrane potential.	Human molecular genetics	21	991-1003	2012	無
Kaji R, Izumi Y, Adachi Y, Kuzuhara S.	ALS-parkinsonism-dementia complex of Kii and other related diseases in Japan.	Parkinsonism & related disorders	1	S190-198	2012	無
Ishiura H, Sako W, Yoshida M, Kawarai T, Tanabe O, Goto J, Takahashi Y, Date H, Mitsui J, Ahsan B, Ichikawa Y, Iwata A, Yoshino H, Izumi Y, Fujita K, Maeda K, Goto S, Koizumi H, Morigaki R, Ikemura M, Yamauchi N, Murayama S, Nicholson GA, Ito H, Sobue G, Nakagawa M, Kaji R, Tsuji S.	IThe TRK-fused gene is mutated in hereditary motor and sensory neuropathy with proximal dominant involvement.	American journal of human genetics	91	320-329	2012	無
Kashihara K, Imamura T	Clinical correlates of anterior and lateral flexion of the thoracolumbar spine and dropped head in patients with Parkinson's disease	Parkinsonism Relat Disord	18	290-293	2012	有
Kashihara K, Imamura T	Frequency and clinical correlates of retrocollis in Parkinson's disease	J Neurol Sci	324	106-108	2013	有
Fukunaga Kawamura M, Yamasaki R, Kawamura N, Tateishi T, Nagara Y, Matsushita T, Ohyagi Y, Kira J	Impaired recruitment of neuroprotective microglia and T cells during acute neuronal injury coincides with increased neuronal vulnerability in an amyotrophic lateral sclerosis model.	Exp Neurol	234	437-445	2012	有
Saiga T, Tateishi T, Torii T, Kawamura N, Nagara Y, Shigeto H, Hashiguchi A, TakashimaH, Honda H, Ohyagi Y, Kira J	Inflammatory radiculoneuropathy in an ALS4 patient with a novvel SETX mutation.	J Neurol Neurosurg Psychiatry	in press	in press	2012	有
Arai E, Arai M, Uchiyama T, Higuchi Y, Aoyanagi K, Yamanaka Y, Yamamoto T, Nagano O, Shiina A, Maruoka D, Matsumura T, Nakagawa T, Katsuno T, Imazeki F, Saeki N, Kuwabara S, Yokosuka O	Subthalamic deep brain stimulation can improve gastric emptying in Parkinson's disease	Brain	135(Pt5)	1478-1485	2012	無
Boekestein WA, Schelhaas HJ, van Dijk JP, Kleine BU, Zwarts MJ, Misawa S, Kuwabara S.	Ultrasonographic Detection of Fasciculations Markedly Increases Diagnostic Sensitivity of ALS. REPLY.	Neurology	78	370-371	2012	無
Fukushima T, Asahina M, Fujinuma Y, Yamanaka Y, Katagiri A, Mori M, Kuwabara S.	Role of intestinal peptides and the autonomic nervous system in postprandial hypotension in patients with multiple system atrophy	J Neurol	in press	in press	2012	無
Fujimaki Y, Kanai K, Misawa S, Shibuya K, Isose S, Nasu S, Sekiguchi Y, Ohmori S, Noto YI, Kugio Y, Shimizu T, Matsubara S, Lin CS, Kuwabara S.	Differences in excitability between median and superficial radial sensory axons	Clin Neurophysiol	123	1440-1445	2012	有

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Ishige T, Sawai S, Itoga S, Sato K, Utsuno E, Beppu M, Kanai K, Nishimura M, Matsushita K, Kuwabara S, Nomura F.	Pentanucleotide repeat-primed PCR for genetic diagnosis of spinocerebellar ataxia type 31	J Hum Genet	in press	in press	2012	無
Kanai K, Shibuya K, Sato Y, Misawa S, Nasu S, Sekiguchi Y, Mitsuma S, Isose S, Fujimaki Y, Ohmori S, Koga S, Kuwabara S.	Motor axonal excitability properties are strong predictors for survival in amyotrophic lateral sclerosis.	J Neurol Neurosur Ps	83	734-738	2012	有
Koga S, Kojima S, Kishimoto T, Kuwabara S, Yamaguchi A	Over-expression of map kinase phosphatase-1 (MKP-1) suppresses neuronal death through regulating JNK signaling in hypoxia/re-oxygenation.	Brain Res	1436	137-146	2012	無
Kokubun N, Sonoo M, Imai T, Arimura Y, Kuwabara S, Komori T, Kobayashi M, Nagashima T, Hatanaka Y, Tsuda E, Misawa S, Abe T, Arimura K; The Japanese SFEMG Study Group.	Reference values for voluntary and stimulated single-fibre EMG using concentric needle electrodes: A multicentre prospective study.	Clin Neurophysiol	123	613-620	2012	有
Noto Y, Misawa S, Kanai K, Shibuya K, Isose S, Nasu S, Sekiguchi Y, Fujimaki Y, Nakagawa M, Kuwabara S.	Awaji ALS criteria increase the diagnostic sensitivity in patients with bulbar onset.	Clin Neurophysiol	123	382-385	2012	有
Ogawa Y, Ito S, Makino T, Kanai K, Arai K, Kuwabara S.	Flattened facial colliculus on magnetic resonance imaging in Machado-Joseph disease.	Movement Disord	27	1041-1046	2012	無
Uchida A, Sasaguri H, Kimura N, Tajiri M, Ohkubo T, Ono F, Sakaue F, Kanai K, Hirai T, Sano T, Shibuya K, Kobayashi M, Yamamoto M, Yokota S, Kubodera T, Tomori M, Sakaki K, Enomoto M, Hirai Y, Kumagai J, Yasutomi Y, Mochizuki H, Kuwabara S, Uchihara T, Mizusawa H, Yokota T. Source	Non-human primate model of amyotrophic lateral sclerosis with cytoplasmic mislocalization of TDP-43.	Brain	135(Pt3)	833-846	2012	有
Yamamoto T, Sakakibara R, Uchiyama T, Yamaguchi C, Nomura F, Ito T, Yanagisawa M, Yano M, Awa Y, Yamanishi T, Hattori T, Kuwabara S.	Receiver operating characteristic analysis of sphincter electromyography for parkinsonian syndrome.	Neurourol Urodynam	31	1128-1134	2012	無
Yamanaka Y, Asahina M, Akaogi Y, Fujinuma Y, Katagiri A, Kanai K, Kuwabara S	Cutaneous sympathetic dysfunction in patients with Machado-Joseph disease	Cerebellum.	11	1057-1060	2012	無
Yonezu T, Ito S, Kanai K, Masuda S, Shibuya K, Kuwabara S	A Case of Adult-Onset Alexander Disease Featuring Severe Atrophy of the Medulla Oblongata and Upper Cervical Cord on Magnetic Resonance Imaging	Case Rep Neurol	4	202-206	2012	無
Kokubo Y, Nomura Y, Morimoto S, Kuzuhara S.	Cardiac (123)I-meta-iodobenzylguanidine scintigraphy in patients with amyotrophic lateral sclerosis and parkinsonism-dementia complex of the Kii peninsula, Japan.	Parkinsonism and Related Disorders	18	306-308	2012	有
Kokubo Y, Taniguchi A, Hasegawa M, Hayakawa Y, Morimoto S, Yoneda M, Hirokawa Y, Shiraishi T, Saito Y, Murayama S, Kuzuhara S.	α-Synuclein Pathology in the Amyotrophic Lateral Sclerosis/Parkinsonism Dementia Complex in the Kii Peninsula, Japan.	J Neuropathol Exp Neurol.	71(7)	625-630	2012	有
Tameko Kihira, Sohei Yoshida, Tetsuya Kondo, Keiko Iwai, Sachiko Wada, Satomi Morinaga, Yoshinori Kajimoto, Tomoyoshi Kondo, Kazusi Okamoto, Yasumasa Kokubo & Shigeki Kuzuhara.	An increase in ALS incidence on the Kii Peninsula, 1960 - 2009: A possible link to change in drinking water source	Amyotrophic Lateral Sclerosis	13	347-350	2012	有

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Kotaro Ogaki , Yuanzhe Li , Masashi Takanashi , Kei-Ichi Ishikawa , Tomonori Kobayashi , Takashi Nonaka , Masato Hasegawa , Masahiko Kishi , Hiroyo Yoshino , Manabu Funayama, Tetsuro Tsukamoto , Keiichi Shioya , Masayuki Yokochi , Hisamasa Imai , Ryogen Sasaki , Yasumasa Kokubo , Shigeki Kuzuhara , Hiroyuki Tomiyama , Nobutaka Hattori.	Analyses of the MAPT, PGRN, and C9orf72 mutations in Japanese patients with FTLD, PSP, and CBS	Parkinsonism and Related Disorders	19	15-20	2013	有
Maya Ando, Manabu Funayama, Yuanzhe Li, Kenichi Kashihara, Yoshitake Murakami, Nobutaka Ishizu, Chizuko Toyoda, Katsuhiko Noguchi, Takashi Hashimoto, Naoki Nakano, Ryogen Sasaki, Yasumasa Kokubo, Shigeki Kuzuhara, Kotaro Ogaki, Chikara Yamashita, Hiroyo Yoshino, Taku Hatano, Hiroyuki Tomiyama, and Nobutaka Hattori,	VPS35 Mutation in Japanese Patients with Typical Parkinson's Disease	Movement Disorders Journa	27	1413-1417	2012	有
MNaruse H, Takahashi Y, Kihira T, Yoshida S, Kokubo Y, Kuzuhara S, Ishiura H, Amagasa M, Murayama S, Tsuji S, Goto J.	Mutational analysis of familial and sporadic amyotrophic lateral sclerosis with OPTN mutations in Japanese population.	Amyotrophic Lateral Sclerosis	13	562-566	2012	有
Akizawa Y, Kanno H, Kawamichi Y, Matsuda Y, Ohta H, Fujii H, Matsui H, Saito K.	Enhanced expression of myogenic differentiation factors and skeletal muscle proteins in human amnion-derived cells via the forced expression of *MYOD1*	Brain&Development	in press	in press	2012	無
Yabe I, Tsuji-Akimoto S, Shiga T, Hamada S, Hirata K, Otsuki M, Kuge Y, Tamaki N, Sasaki H	Writing errors in ALS related to loss of neuronal integrity in the anterior cingulate gyrus .	J Neurol Sci	315	55-59	2012	有
Sakushima K, Tsuboi S, Yabe I, Hida K, Terae S, Uehara R, Nakano I, Sasaki H	Nationwide survey on the epidemiology of syringomyelia in Japan.	J Neurol Sci	313	147-152	2012	有
Hayashi T, Kishida M, Nishizawa Y, Iijima M, Koriyama C, Nakamura M, Sano A, and Kishida S	Subcellular localization and putative role of VPS13A/chorein in dopaminergic neuronal cells.	Biochem Biophys Res Commun	419	511-516	2012	有
Tomiyasu A, Nakamura M, Ichiba M, Ueno S, Saiki S, Morimoto M, Kobal J, Kageyama Y, Inui T, Wakabayashi K, Yamada T, Kanemori Y, Jung HH, Tanaka H, Orimo S, Afawi Z, Blatt I, Aasly J, Ujike H, Babovic-Vuksanovic D, Josephs KA, Tohge R, Rodrigues GR, Dupre N, Yamada H, Yokochi F, Kotschet K, Takei T, Rudzinska M, Szczudlik A, Penco S, Fujiwara M, Tojo K, Sano A	Novel pathogenic mutations and copy number variations in the VPS13A Gene in patients with chorea-acanthocytosis.	Am. J. Med. Genet. B Neuropsychiatr. Genet	156	620-631	2012	有
Shimo H, Nakamura M, Tomiyasu A, Ichiba M, Ueno SI, Sano A	Comprehensive analysis of the genes responsible for neuroacanthocytosis in mood disorder and schizophrenia.	Neurosci. Res.	69	196-202	2012	有
Hokkoku K, Sonoo M, Higashihara M, et al.	EMGs of the flexor digitorum profundus muscle in inclusion body myositis.	Muscle Nerve	46	181-6	2012	有
Higashihara M, Sonoo M, Imafuku I, et al.	Fasciculation potentials in ALS and the diagnostic yield of the Awaji algorithm.	Muscle Nerve	45	175-82	2012	有
Sonoo M, Higashihara M, Kobayashi M.	Reply	Muscle Nerve	46	143-4	2012	有
Higashihara M, Sonoo M, Yamamoto T, et al.	Far-field potentials in hypothenar motor unit number estimation. Muscle Nerve	Muscle Nerve	in print	in print	2012	有
Kawamura Y, Sonoo M, Higashihara M, et al.	Origin of surface MUPs in hypothenar motor unit number estimation	Muscle Nerve	in print	in print	2012	有

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Soma K, Fu Y-J, Wakabayashi K, Onodera O, Kakita A, Takahashi H	Co-occurrence of argyrophilic grain disease in sporadic amyotrophic lateral sclerosis.	Neuropathol Appl Neurob	38	54-60	2012	有
Hideyama T, Yamashita T, Aizawa H, Tsuji S, Kakita A, Takahashi H, Kwak S	Profound downregulation of the RNA editing enzyme ADAR2 in ALS spinal motor neurons.	Neurobiol Dis	45	1121-1128	2012	無
Kanazawa M, Shimohata T, Endo K, Koike R, Takahashi H, Nishizawa M	A serial MRI study in a patient with progressive supranuclear palsy with cerebellar ataxia.	Parkinsonism Relat Disord	18	677-679	2012	無
Kosaka T, Fu Y-J, Shiga A, Ishidaira H, Tan C-F, Tani T, Koike R, Onodera O, Nishizawa M, Kakita A, Takahashi H	Primary lateral sclerosis: upper-motor-predominant amyotrophic lateral sclerosis with frontotemporal lobar degeneration - immunohistochemical and biochemical analyses of TDP-43.	Neuropathology	32	373-384	2012	有
Shiga A, Ishihara T, Miyashita A, Kuwabara M, Kato T, Watanabe N, Yamahira A, Kondo C, Yokoseki A, Takahashi M, Kuwano R, Kakita A, Nishizawa M, Takahashi H, Onodera O	Alterarion of *POLDIP3* splicing associated with loss of function of TDP-43 in tissues affected with ALS.	PLoS One	7	43120	2012	有
Tanaka H, Shimazawa M, Kimura M, Takata M, Tsuruma K, Yamada M, Takahashi H, Hozumi I, Niwa J, Iguchi Y, Nikawa T, Sobue G, Inuzuka T, Hara H	The potential of GPNMB as novel neuroprotective factor in amyotrophic lateral sclerosis.	Sci Rep	2	573	2012	無
Tanji K, Zhang H-X, Mori F, Kakita A, Takahashi H, Wakabayashi K	p62/sequestosome 1 binds to TDP-43 in brains with frontotemporal lobar degeneration with TDP-43 inclusions.	J Neurosci Res	90	2034-2042	2012	有
Tada M, Coon EA, Osmand AP, Kirby PA, Martin W, Wieler M, Shiga A, Shirasaki H, Tada M, Makifuchi T, Yamada M, Kakita A, Nishizawa M, Takahashi H, Paulson HL	Coexistence of Huntington's disease and amyotrophic lateral sclerosis: a clinicopathologic study.	Acta Neuropathol	124	749-760	2012	有
Maesako M, Uemura K, Kuzuya A, Sasaki K, Asada M, Watanabe K, Ando K, Kubota M, Akiyama H, Takahashi R, Kihara T, Shimohama S, Kinoshita A.	Gain of function by phosphorylation in Presenilin 1-mediatd regulation of insulin signaling.	J Neurochem	121(6)	964-73	2012	無
Kuroda Y, Sako W, Goto S, Sawada T, Uchida D, Izumi Y, Takahashi T, Kagawa N, Matsumoto M, Matsumoto M, Takahashi R, Kaji R, Mitsui T.	Parkin interacts with Klokin1 for mitochondrial import and maintenance of membrane potential.	Hum Mol Genet	21(5)	991-1003	2012	無
Baulac S, Ishida S, Mashimo T, Boillot M, Fumoto N, Kuwamura M, Ohno Y, Takizawa A, Aoto T, Ueda M, Ikeda A, Leguern E, Takahashi R, Serikawa T.	A rat model for LGI1-related epilepsies.	Hum Mol Genet.	21(16)	3546-57	2012	無
Maesako M, Uemura K, Kuzuya A, Sasaki K, Asada M, Watanabe K, Ando K, Kubota M, Akiyama H, Takahashi R, Kihara T, Shimohama S, Kinoshita A.	Gain of function by phosphorylation in Presenilin 2-mediatd regulation of insulin signaling.	J Neurochem	121(7)	964-74	2012	無
Yamakado H, Moriwaki Y, Yamasaki N, Miyakawa T, Kurisu J, Uemura K, Inoue H, Takahashi M, Takahashi R.	α-Synuclein BAC transgenic mice as a model for Parkinson's disease manifested decreased anxiety-like behavior and hyperlocomotion.	Neurosci Res.	73(2)	173-7	2012	無
Yeo CW, Ng FS, Chai C, Tan JM, Koh GR, Chong YK, Koh LW, Foong CS, Sandanaraj E, Holbrook JD, Ang BT, Takahashi R, Tang C, Lim KL.	Parkin pathway activation mitigates glioma cell proliferation and predicts patient survival.	Cancer Res	72(10)	2543-53	2012	無
Kajiwara M, Aoi T, Okita K, Takahashi R, Inoue H, Takayama N, Endo H, Eto K, Toguchida J, Uemoto S, Yamanaka S.	Donor-dependent variations in hepatic differentiation from human-induced pluripotent stem cells.	Proc Natl Acad Sci U S A.	109(31)	12538-43	2012	無

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Egawa N, Kitaoka S, Tsukita K, Naitoh M, Takahashi K, Yamamoto T, Adachi F, Kondo T, Okita K, Asaka I, Aoi T, Watanabe A, Yamada Y, Morizane A, Takahashi J, Ayaki T, Ito H, Yoshikawa K, Yamawaki S, Suzuki S, Watanabe D, Hioki H, Kaneko T, Makioka K, Okamoto K, Takuma H, Tamaoka A, Hasegawa K, Nonaka T, Hasegawa M, Kawata A, Yoshida M, Nakahata T, Takahashi R, Marchetto MC, Gage FH, Yamanaka S, Inoue H.	Drug Screening for ALS Using Patient-Specific Induced Pluripotent Stem Cells.	Sci Transl Med.	4(145)	145ra104	2012	無
Kasahara S, Miki Y, Kanagaki M, Kondo T, Yamamoto A, Morimoto E, Okada T, Ito H, Takahashi R, Togashi K.	"Hot cross bun" sign in multiple system atrophy with predominant cerebellar ataxia: A comparison between proton density-weighted imaging and T2-weighted imaging.	Eur J Radiol	in press	in press	2013	無
Okuchi S, Okada T, Ihara M, Gotoh K, Kido A, Fujimoto K, Yamamoto A, Kanagaki M, Tanaka S, Takahashi R, Togashi K.	Visualization of Lenticulostriate Arteries by Flow-Sensitive Black-Blood MR Angiography on a 1.5T MRI System: A Comparative Study between Subjects with and without Stroke. AJNR Am J Neuroradiol.	AJNR Am J Neuroradiol	[Epub ahead of print]	[Epub ahead of print]	2012	無
Fujita Y, Kuchimaru T, Kadonosono T, Tanaka S, Hase Y, Tomimoto H, Hiraoka M, Kizaka-Kondoh S, Ihara M, Takahashi R.	In vivo imaging of brain ischemia using an oxygen-dependent degradative fusion protein probe.	PLoS One	7(10)	Epub	2012	無
Tashiro Y, Urushitani M, Inoue H, Koike M, Uchiyama Y, Komatsu M, Tanaka K, Yamazaki M, Abe M, Misawa H, Sakimura K, Ito H, Takahashi R.	Motor Neuron-specific Disruption of Proteasomes, but not Autophagy, Replicates Amyotrophic Lateral Sclerosis.	J Biol Chem.	287(51)	42984-94.	2012	無
Ishiura H, et al.	The TRK-fused gene is mutated in hereditary motor and sensory neuropathy with proximal dominant involvement	Am J Hum Genet	91	320-329	2012	有
Ishigami N, Tokuda T, Ikegawa M, Komori M, Kasai T, Kondo T, Matsuyama Y, Nirasawa T, Thiele H, Tashiro K, Nakagawa M.	Cerebrospinal fluid proteomic patterns discriminate Parkinson's disease and multiple system atrophy.	Mov Disord	27	851-857	2012	無
Sasayama H, Shimamura M, Tokuda T, Azuma Y, Yoshida T, Mizuno T, Nakagawa M, Fujikake N, Nagai Y, Yamaguchi M.	Knockdown of the Drosophila fused in sarcoma (FUS) homologue causes deficient locomotive behavior and shortening of motoneuron terminal branches.	PLoS One	7	e39483: 1-13	2012	有
Kasai T, Tokuda T, Taylor M, Nakagawa M, Allsop D.	Utilization of a multiple antigenic peptide as a calibration standard in the BAN50 single antibody sandwich ELISA for Aβ oligomers.	Biochem Biophys Res Commun	422	375-380	2012	無
Watanabe Y, Tatebe H, Taguchi K, Endo Y, Tokuda T, Mizuno T, Nakagawa M, Tanaka M.	p62/SQSTM1-dependent autophagy of Lewy body-like α-synuclein inclusions.	PLoS One	7	in press	2012	有
Choudhury ME, Sugimoto K, Kubo M, Iwaki H, Tsujii T, Kyaw WT, Nishikawa N, Nagai M, Tanaka J, Nomoto M.	Zonisamide up-regulated the mRNAs encoding astrocytic anti-oxidative and neurotrophic factors.	European Journal of Pharmacology	689	72-80	2012	有
Noriko Nishikawa, Masahiro Nagai, Tomoaki Tsujii, Hirotaka Iwaki, Hayato Yabe, Masahiro Nomoto	Coadministration of Domperidone Increases Plasma Levodopa Concentration in Patients With Parkinson Disease	Clinical Neuropharmacology	35(4)	182-184	2012	無

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著　者　名	論　文　題　名	雑　誌　名	巻	頁	出版西暦年	GRANTへの謝辞の有無
Takashi Moritoyo, Tomoko Hasunuma, Kazuhiro Harada, Tomonori Tateishi, Makoto Watanabe, Tsutomu Kotegawa, Masahiro Nagai, Yuji Kumagai, Tomomichi Fujitani, Takahumi Okura, Tomikazu Fukuoka, Kenichi Miyoshi, Bunzo Matsuura, Shinya Furukawa, Tomoe Kobori, Hiroyoko Moritoyo, Noriko Nishikawa, Tomoaki Tsujii, Hirotaka Iwaki, Masahiko Nakamura, Satoshi Makino, Kei Ohnuma, Koichiro Yuji, Megumi Hashimoto, Masaru Takasu, Yutaka Hashizume, Koji You, Tomoko Matsumura, Yuji Yanaka, Nahoko Matsumoto, Junichi Nakamura, Jun Miura, Tadao Akizawa, Kozo Kitazawa, Takanori Shibata, Aki Kuroki, Hirokazu Honda, Masanori Mukai, Kyoichi Ohashi, Takuya Morimoto, Hiromitsu Imai, Toshiaki Okudaira, Fuminori Sato, Junko Imanaga, Katsuhiro Tanaka, and Masahiro Nomoto	Effect of Renal Impairment on the Pharmacokinetics of Memantine	J Pharmacol Sci	119	324-329	2012	無
Naohito Tokunaga, Mohammed Emamussalehin Choudhury, Noriko Nishikawa, Masahiro Nagai, Tomoaki Tsujii, Hirotaka Iwaki, Mika Kaneta, and Masahiro Nomoto.	Pramipexole Upregulates Dopamine Receptor D2 and D3 Expression in Rat Striatum.	J Pharmacol Sci	120	133-137	2012	有
Ogaki K, Li Y, Takanashi M, Ishikawa K, Kobayashi T, Nonaka T, Hasegawa M, Kishi M, Yoshino H, Funayama M, Tsukamoto T, Shioya K, Yokochi M, Imai H, Sasaki R, Kokubo Y, Kuzuhara S, Motoi Y, Tomiyama H, Hattori N.	Analyses of the MAPT, PGRN, and C9orf72 mutations in Japanese patients with FTLD, PSP, and CBS.	Parkinsonism Relat Disord.	19	15-20	2013	有
Shiba-Fukushima K, Imai Y, Yoshida S, Ishihama Y, Kanao T, Sato S, Hattori N.	PINK1-mediated phosphorylation of the Parkin ubiquitin-like domain primes mitochondrial translocation of Parkin and regulates mitophagy.	Sci Rep.	2	1002	2012	無
Ando M, Funayama M, Li Y, Kashihara K, Murakami Y, Ishizu N, Toyoda C, Noguchi K, Hashimoto T, Nakano N, Sasaki R, Kokubo Y, Kuzuhara S, Ogaki K, Yamashita C, Yoshino H, Hatano T, Tomiyama H, Hattori N.	VPS35 mutation in Japanese patients with typical Parkinson's disease.	Mov Disord.	27	1413-7	2012	無
Ujiie S, Hatano T, Kubo S, Imai S, Sato S, Uchihara T, Yagishita S, Hasegawa K, Kowa H, Sakai F, Hattori N.	LRRK2 I2020T mutation is associated with tau pathology.	Parkinsonism Relat Disord.	18	819-23	2012	無
Hattori N, Hasegawa K, Sakamoto T.	Pharmacokinetics and effect of food after oral administration of prolonged-release tablets of ropinirole hydrochloride in Japanese patients with Parkinson's disease.	J Clin Pharm Ther.	37	571-7	2012	無
Ogaki K, Li Y, Atsuta N, Tomiyama H, Funayama M, Watanabe H, Nakamura R, Yoshino H, Yato S, Tamura A, Naito Y, Taniguchi A, Fujita K, Izumi Y, Kaji R, Hattori N, Sobue G; Japanese Consortium for Amyotrophic Lateral Sclerosis research (JaCALS).	Analysis of C9orf72 repeat expansion in 563 Japanese patients with amyotrophic lateral sclerosis.	Neurobiol Aging.	33	2527.e11-6	2012	有
Inoue Y, Uchimura N, Kuroda K, Hirata K, Hattori N	Long-term efficacy and safety of gabapentin enacarbil in Japanese restless legs syndrome patients.	Prog Neuropsychopharmacol Biol Psychiatry	36	251-7	2012	無

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Hattori N, Fujimoto K, Kondo T, Murata M, Stacy M.	Patient perspectives on Parkinson's disease therapy in Japan and the United States: results of two patient surveys.	Patient Relat Outcome Meas.	3	31-8	2012	無
Hattori N, Fujimoto K, Kondo T, Murata M, Stacy M	Patient perspective on Parkinson's disease therapy in Japan and the United States: results of two patient surveys.	Patient Related Outcome Measures	3	31-38	2012	無
Hiwatani Y, Sakata M, Miwa H	Ultrasonography of the diaphragm in amyotrophic lateral sclerosis: Clinical significance in assessment of respiratory functions.	Amyotroph Lateral Scler Frontotemporal Degener.	[Epub ahead of print]	in oress	2012	有
Nakayama Y, Miwa H	Drug-induced camptocormia: a lesson regarding vascular Parkinsonism.	Intern Med	51	2843-2844	2012	無
Miwa H, Tsuruta K, Kondo T.	Avoidance of swallowing saliva: A symptom related to aberrant basal ganglia functions?	Neurocase.	[Epub ahead of print]	in press	2012	無
Jing X, Miwa H, Sawada T, Nakanishi I, Kondo T, Miyajima M, Sakaguchi K.	Ephrin-A1-mediated dopaminergic neurogenesis and angiogenesis in a rat model of Parkinson's disease.	PLoS One	7	e32019	2012	無
Izawa MO, Miwa H, Kajimoto Y, Kondo T	Combination of transcranial sonography, olfactory testing, and MIBG myocardial scintigraphy as a diagnostic indicator for Parkinson's disease.	Eur J Neurol	19	411-416	2012	無
Umoto M, Miwa H, Ando R, Kajimoto Y, Kondo T.	White matter hyperintensities in patients with multiple system atrophy.	Parkinsonism Relat Disord.	18	17-20	2012	無
Sharma M, Ioannidis JP, Aasly JO, Annesi G, Brice A, Bertram L, Bozi M, Barcikowska M, Crosiers D, Clarke CE, Facheris MF, Farrer M, Garraux G, Gispert S, Auburger G, Vilariño-Güell C, Hadjigeorgiou GM, Hicks AA, Hattori N, Jeon BS, Jamrozik Z, Krygowska-Wajs A, Lesage S, Lill CM, Lin JJ, Lynch T, Lichtner P, Lang AE, Libioulle C, Murata M, Mok V, Jasinska-Myga B, Mellick GD, Morrison KE, Meitnger T, Zimprick A, Opala G, Pramstaller PP, Pichler I, Park SS, Quattrone A, Rogaeva E, Ross OA, Stefanis L, Stockton JD, Satake W, Silburn PA, Strom TM, Thenus J, Tan EK, Toda T, Tomiyama H, Uitti RJ, Van Broeckhoven C, Wirdefeldt K, Wszolek Z, Xiromerisiou G, Yomono HS, Yueh KC, Zhao Y, Gasser T, Maraganore D, Krüger R; on behalf of GEOPD consortium.	A multi-centre clinic-genetic analysis of the VPS35 gene in Parkinson disease indicates reduced penetrance for disease-associated variants.	J Med Genet	49	721-726	2012	無
Hattori N, Fujimoto K, Kondo T, Murata M, Stacy M.	Patient perspectives on Parkinson's disease therapy in Japan and the United States:results of two patient surveys	Patient Related Outcome Measures	3	31-38	2012	無
Mori-Yoshimura M, Okuma A, Oya Y, Fujimura-Kiyono C, Matsuura K, Takemura A, Malicdan MC, Hayashi YK, Nonaka I, Murata M. Nishino I.	Clinicopathological features of centronuclear myopathy in Japanese populations harboring mutations in dynamin 2.	Clin Neurosurg	114	678-683	2012	無
Yamamoto T, Chihara N, Mori-Yoshimura M, Murata M.	Videofluorographic detection of anti-muscle-specific kinase-positive myasthenia gravis	Am J Otolaryngology	33	758-761	2012	無

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Sato W, Tomita A, Ichikawa D, Lin Y, Kishida H, Miyake S, Ogawa M, Okamoto T, Murata M, Kuroiwa Y, Aranami T, Yamamura T.	$CCR2^{+}CCR5^{+}$ T Cells Produce Matrix Metalloproteinase-9 and Osteopontin in the Pathogenesis of Multiple Sclerosis	The Journal of Immunology		5057-5065	2012	無
Kawazoe T, Araki M, Lin Y, Ogawa M, Okamoto T, Yamamura T, Wakakura M, Murata M.	New-Onset Type 1 Diabetes Mellitus and Anti-Aquaporin-4 Antibody Positive Optic Neuritis Associated with Type 1 Interferon Therapy for Chronic Hepatitis C	Intern Med	51	2625-2629	2012	無
Mori-Yoshimura M, Monma K, Suzuki N, Aoki M, Kumamoto T, Tanaka K, Tomimitsu H, Nakano S, Sonoo M, Shimizu J, Sugie K, Nakamura H, Oya Y, Yukiko K, Hayashi, May Christine V, Malicdan, Noguchi s, Murata M, Nishino I.	Heterozygous UDP-GlcNAc 2-epimerase and N-acetylmannosamine kinase domain mutations in the GNE gene result in a less severe GNE myopathy phenotype compared to homozygous N-acetylmannosamine kinase domain mutations	J Neurol Sci	318	100-105	2012	無
Kandori A, Yamamoto T, Sano Y, Oonuma M, Miyashita T, Murata M, and Sakoda S.	Simple Magnetic Swallowing Detection System	IEEE SENSORSJOURNAL	12 (4)	805-811	2012	無
Furusawa Y, Mukai Y, Kobayashi Y, Sakamoto T, Murata M.	Role of the external oblique muscle in upper camptocormia for patients with Parkinson's disease.	Mov. dis.	27	802-803	2012	無
Yamamoto T, Ikeda K, Usui H, Miyamoto M, Murata M.	Validation of the Japanese translation of the Swallowing Disturbance Questionalire in parkinson's disease patients.	Qual Life Res	21	1299-1303	2012	無
Saito Y, Inoue T, Zhu G, Kimura N, Okada M, Nishimura M, Kimura N, Murayama S, Kaneko S, Shigemoto R, Imoto K, Suzuki T.	Hyperpolarization-activated cyclic nucleotide gated channels: a potential molecular link between epileptic seizures and Abeta generation in Alzheimer's disease.	Mol Neurodegener.	7	50	2012	有
Naruse H, Takahashi Y, Kihira T, Yoshida S, Kokubo Y, Kuzuhara S, Ishiura H, Amagasa M, Murayama S, Tsuji S, Goto J	Mutational analysis of familial and sporadic amyotrophic lateral sclerosis with OPTN mutations in Japanese population.	Amyotroph Laterl Scler	13 (6)	562-6	2012	有
Kokubo Y, Taniguchi A, Hasegawa M, Hayakawa Y, Morimoto S, Yoneda M, Hirokawa Y, Shiraishi T, Saito Y, Murayama S, Kuzuhara S	alpha- synuclein pathology in the amyotrophic lateral sclerosis/ Parkinsonism demntia complex in the Kii Peninsula, Japan.	J Neuropath Exp Neurol	71 (7)	625-30	2012	有
Kai H, Shin RW, Ogino K, Hatsuta H, Murayama S, Kitamoto T	Enhanced antigen retrieval of amyloid β immunohistochemistry: re-evaluation of amyloid β pathology in Alzheimer disease and its mouse model.	J Histochem Cytochem	60 (10)	761-9	2012	有
Ishiura H, Sako W, Yoshida M, Kawarai T, Tanabe O, Goto J, Takahashi Y, Date H, Mitsui J, Ahsan B, Ichikawa Y, Iwata A, Yoshino H, Izumi Y, Fujita K, Maeda K, Goto S, Koizumi H, Morigaki R, Ikemura M, Yamauchi N, Murayama S, Nicholson GA, Ito H, Sobue G, Nakagawa M, Kaji R, Tsuji S.	The TRK-fused gene is mutated in hereditary motor and sensory neuropathy with proximal dominant involvement.	Am J Hum Genet.	91(2)	320-9	2012	有
Kakuda N, Shoji M, Arai H, Furukawa K, Ikeuchi T, Akazawa K, Takami M, Hatsuta H, Murayama S, Hashimoto Y, Miyajima M, Arai H, Nagashima Y, Yamaguchi H, Kuwano R, Nagaike K, Ihara Y and the Japanese Alzheimer's Disease Neuroimaging Initiative	Altered ・-secretase activity in mild cognitive impairment and Alzheimer's disease.	EMBO Molecular Medicine	4 (4)	344-352	2012	有

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Tsuji H, Arai T, Kametani F, Nonaka T, Yamashita M, Suzukake M, Hosokawa M, Yoshida M, Hatsuta H, Takao M, Saito Y, Murayama S, Akiyama H, Hasegawa M, David M. A. Mann, Tamaoka A	Molecular analysis and biochemical classificationof TDP-43 proteinopathy	Brain	135 (11)	3380- 91	2012	有
Takahashi M, Ishikawa K, Sato N, Obayashi M, Niimi Y, Ishiguro T, Yamada M, Toyoshima M, Takahashi H, Kato T, Takao M, Murayama S, Mori O, Eishi Y, Mizusawa H	Reduced brain-derived neurotrophic factor (BDNF) mRNA expression and presence of BDNF-immunoreactive granules in the spinocerebellar ataxia type 6 (SCA6) cerebellum.	Neuropathology	32 (6)	593- 603	2012	有
Kakuda N, Akazawa K, Hatsuta H, Murayama S, Ihara Y	Japanese Alzheimer's Disease Neuroimaging Initiative. Suspected limited efficacy of γ-secretase modulators.	Neurobiol Aging	34	1101-1104	2013	有
Funabe S, Takao M, Saito Y, Hatsuta H, Sugiyama M, Ito S, Kanemaru K, Sawabe M, Arai T, Mochizuki H, Hattori N, Murayama S	Neuropathologic analysis of Lewy-related alpha- synucleinopathy in olfactory mucosa.	Neuropathology	in press	in press	2013	有
Fujita K,1 Harada M, Sasaki M, Yuasa T, Sakai K, Hamaguchi T, Sanjo N, Shiga Y, Satoh K, Atarashi R, Shirabe S, Nagata K, Maeda T, Murayama S, Izumi Y, Kaji R, Yamada M, Mizusawa H:	Multicentre multiobserver study of diffusion-weighted and fluid-attenuated inversion recovery MRI for the diagnosis of sporadic Creutzfeldt Jakob disease	BMJ Open Journal	in press	in press	2013	有
Muramatsu, R., Takahashi, C., Miyake, S., Fujimura, H., Mochizuki, H. and Yamashita, T.	Angiogenesis induced by CNS inflammation promotes neuronal remodeling through vessel-derived prostacyclin.	Nat Med.	18(11)	1658-64	2012	無
Nakata Y, Yasuda T, Fukaya M, Yamadori S, Itakura M, Nihira T, Hayakawa H, Kawakami A, Nagai M, Sakagami H, Miyake K, Takahashi M, Mizuno Y, Mochizuki H.	Accumulation of α-synuclein triggered by presynaptic dysfunction.	J Neurosci.	32(48)	17186-96	2012	有
Imaizumi Y, Okada Y, Akamatsu W, Koike M, Kuzumaki N, Hayakawa H, Nihira T, Kobayashi T, Ohyama M, Sato S, Takanashi M, Funayama M, Hirayama A, Soga T, Hishiki T, Suematsu M, Yagi T, Ito D, Kosakai A, Hayashi K, Shouji M, Nakanishi A, Suzuki N, Mizuno Y, Mizushima N, Amagai M, Uchiyama Y, Mochizuki H, Hattori N, Okano H.	Mitochondrial dysfunction associated with increased oxidative stress and alpha-synuclein accumulation in PARK2 iPSC-derived neurons and postmortem brain tissue.	Mol Brain.	5(1)	35	2012	無
Fujita K, Yoshida M, Sako W, Maeda K, Hashizume Y, Goto S, Sobue G, Izumi Y, Kaji R.	Brainstem and spinal cord motor neuron involvement with optineurin inclusions in proximal-dominant hereditary motor and sensory neuropathy.	J Neurol Neurosurg Psychiatry	82(12)	1402-3	2011	有
Ishiura H, Sako W, Yoshida M, Kawarai T, Tanabe O, Goto J, Takahashi Y, Date H, Mitsui J, Ahsan B, Ichikawa Y, Iwata A, Yoshino H, Izumi Y, Fujita K, Maeda K, Goto S, Koizumi H, Morigaki R, Ikemura M, Yamauchi N, Murayama S, Nicholson GA, Ito H, Sobue Gen, Nakagawa M, Kaji R, and Tsuji S.	The TRK-Fused Gene Is Mutated in Hereditary Motor and Sensory Neuropathy with Proximal Dominant Involvement.	Am J Hum Genet	91	320-329	2012	有
Kokubo Y, Nomura Y, Morimoto S, Kuzuhara S.	Cardiac 123I-meta-iodobenzylguanidine scintigraphy in patients with amyotrophic lateral sclerosis and parkinsonism-dementia complex of the Kii peninsula, Japan.	Parkinsonism Relat Disord.	18(3)	306-8	2012	有
Kihira T, Yoshida S, Kondo T, Iwai K, Wada S, Morinaga S, Kazimoto Y, Kondo T, Okamoto K, Kokubo Y, Kuzuhara S.	An increase in ALS incidence on the Kii Peninsula, 1960-2009: a possible link to change in drinking water source.	Amyotroph Lateral Scler.	13(4)	347-50	2012	無

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Ishiura H, Takahashi Y, Mitsui J, Yoshida S, Kihira T, Kokubo Y, Kuzuhara S, Ranum LP, Tamaoki T, Ichikawa Y, Date H, Goto J, Tsuji S.	C9ORF72 repeat expansion in amyotrophic lateral sclerosis in the Kii peninsula of Japan.	Arch Neurol.	69(9)	1154-8	2012	有
Kokubo Y, Taniguchi A, Hasegawa M, Hayakawa Y, Morimoto S, Yoneda M, Hirokawa Y, Shiraishi T, Saito Y, Murayama S, Kuzuhara S.	α-Synuclein pathology in the amyotrophic lateral sclerosis/parkinsonism dementia complex in the Kii Peninsula, Japan.	J Neuropathol Exp Neurol.	71(7)	625-30	2012	有
Ogaki K, Li Y, Takanashi M, Ishikawa K, Kobayashi T, Nonaka T, Hasegawa M, Kishi M, Yoshino H, Funayama M, Tsukamoto T, Shioya K, Yokochi M, Imai H, Sasaki R, Kokubo Y, Kuzuhara S, Motoi Y, Tomiyama H, Hattori N.	Analyses of the MAPT, PGRN, and C9orf72 mutations in Japanese patients with FTLD, PSP, and CBS.	Parkinsonism Relat Disord.	19(1)	15-20	2013	有
Ando M, Funayama M, Li Y, Kashihara K, Murakami Y, Ishizu N, Toyoda C, Noguchi K, Hashimoto T, Nakano N, Sasaki R, Kokubo Y, Kuzuhara S, Ogaki K, Yamashita C, Yoshino H, Hatano T, Tomiyama H, Hattori N.	VPS35 mutation in Japanese patients with typical Parkinson's disease.	Mov Disord	27(11)	1413-1417	2012	無
Shimizu T, Nagaoka U, Nakayama Y, Kawata A, Kugimoto C, Kuroiwa Y, Kawai M, Shimohata T, Nishizawa M, Mihara B, Arahata H, Fujii N, Namba R, Ito H, Imai T, Nobukuni K, Kondo K, Ogino M, Nakajima T, Komori T.	Reduction rate of body mass index predicts prognosis for survival in amyotrophic lateral sclerosis: a multicenter study in Japan.	Amyotroph Lateral Scler	13	363-366	2012	無
Fujimaki Y, Kanai K, Misawa S, Shibuya K, Isose S, Nasu S, Sekiguchi Y, Ohmori S, Noto Y, Kugio Y, Shimizu T, Matsubara S, Lin CS, Kuwabara S.	Diffrences in excitability between median and superficial radial sensory axons.	Clin Neurophysiol	123	1440-1445	2012	無
Shindo K, Kobayashi F, Miwa M, Nagasakla T, Takiyama Y, Shiozawa Z	Temporal prolongation of decreased skin blood flow causes cold limbs in Parkinson's disease.	J Neural Transm	[Epub ahead of print]	[Epub ahead of print]	2012	有
Shimazaki H, Takiyama Y, Honda J, Sakoe K, Namekawa M, Tsugawa J, Tsuboi Y, Suzuki C, Baba M, Nakano I	Middle cerebellar peduncles and pontine T2 hypointensities in ARSACS.	J Neuroimaging	[Epub ahead of print]	[Epub ahead of print]	2012	有
Furusawa Y, Mukai Y, Kawazoe T, Sano T, Nakamura H, Sakamoto C, Iwata Y, Wakita M, Nakata Y, Kamiya K, Kobayashi Y, Sakamoto T, Takiyama Y, Murata M	Long-term effect of repeated lidocaine injections into the external oblique for upper camptocormia in Parkinson's disease.	Parkinsonism Relat Disord	[Epub ahead of print]	[Epub ahead of print]	2012	有
Shimazaki H, Takiyama Y, Ishiura H, Sakai C, Matsushima Y, Hatakeyama H, Honda J, Sakoe K, Naoi T, Namekawa M, Fukuda Y, Takahashi Y, Goto J, Tsuji S, Goto Y, Nakano I, JASPAC	A homozygous mutation of C12orf65 causes spastic paraplegia with optic atrophy and neuropathy (SPG55).	J Med Genet	49	777-784	2012	有
Namekawa M, Takiyama Y, Honda J, Sakoe K, Naoi T, Shimazaki H, Yamagata T, Momoi MY, Nakano I	A novel adult case of juvenile-onset Alexander disease: complete remission of neurological symptoms for over 12 years, despite insidiously progressive cervicomedullary atrophy.	Neurol Sci	33	1389-1392	2012	無
Haga R, Miki Y, Funamizu Y, Kon T, Suzuki C, Ueno T, Nishijima H, Arai A, Tomiyama M, Shimazaki H, Takiyama Y, Baba M	Novel compound heterozygous mutations of the SACS gene in autosomal recessive spastic ataxia of Charevoix-Saguenay.	Clin Neurol Neurosurg	114	746-747	2012	無
Miyamoto M, Miyamoto T, Iwanami M, Muramatsu S, Asari S, Nakano I and Hirata K	Preclinical substantia nigra dysfunction in rapid eye movement sleep behaviour disorder.	Sleep Med	13(1)	102-106	2012	無

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Miyazaki M, Adachi H, Katsuno M, Minamiyama M, Jiang YM, Huang Z, Doi H, Matsumoto S, Kondo N, Iida M, Tohnai G, Tanaka F, Muramatsu S and Sobue G	Viral delivery of miR-196a ameliorates the SBMA phenotype via the silencing of CELF2.	Nat Med	18(7)	1136-1141	2012	有
Hwu WL, Muramatsu S, Tseng SH, Tzen KY, Lee NC, Chien YH, Snyder RO, Brrne BJ, Tai CH and Wu RM	Gene therapy for aromatic L-amino acid decarboxylase deficiency.	Sci Transl Med	4(134)	134-161	2012	無
Jin D, Muramatsu S, Shimizu N, Yokoyama S, Hirai H, Yamada K, Liu HX, Higashida C, Hashii M, Higashida A, Asano M, Ohkuma S and Higashida H	Dopamine release via the vacuolar ATPase V0 sector c-subunit, confirmed in N18 neuroblastoma cells, results in behavioral recovery in hemiparkinsonian mice.	Neurochem Int	61(6)	907-912	2012	有
Nakamura K, Ota M, Kawatam A, Isozaki E, Muramatsu S and Matsubara S	Careful clinical observation is essential for diagnosis of Huntington disease.	Arq Neuropsiquiatr	70(8)	646	2012	無
Popiel HA, Takeuchi T, Fujita H, Yamamoto K, Ito C, Yamane H, Muramatsu S, Toda T, Wada K and Nagai Y	Hsp40 gene therapy exerts therapeutic effects on polyglutamine disease mice via a non-cell autonomous mechanism.	PLoS ONE	7(11)	e51069	2012	有
Yan Y, Miyamoto Y, Nitta A, Muramatsu S, Ozawa K, Yamada K and Nabeshima T	Intrastriatal gene delivery of GDNF persisitently attenuates methamphetamine self-administration and relapse in mice.	Int JNP	in press	in press	2012	無
Lee NC, Shieh YD, Chien YH, Tzen KY, Yu IS, Chen PW, Hu MH, Hu Mk, Muramatsu S, Ichinose H and Hwu WL	Regulation of the dopaminergic system in a murine model of aromatic L-aminoacid decarboxylase deficiency.	Neurobiol Dis	in press	in press	2012	無

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