

KEY WORD INDEX (from vol. 62 no. 1 to vol. 62 no. 12, 2010)

[A]

$A\beta$769
 $A\beta$ fibril691
 $A\beta$ oligomer691
 acetylcholine receptor antibodies.....411
 acute disseminated encephalomyelitis615
 acute limbic encephalitis827
 adaptable electric stimulation.....1227
 adaptive gait1239
 adenovirus209
 adverse effects519
 age165
 age dependency1211
 aging489
 agraphia435,991
 alexia991
 Alzheimer disease
 659,667,679,709,719,737,743,757,769,777,787,797,1043
 amyloid659
 amyloid-beta757
 amyloid β -protein.....679
 amyloid imaging757
 amyotrophic lateral sclerosis.....435,885
 animal model.....975
 anoxic encephalopathy621
 anti-amphiphysin antibody.....377
 anti-aquaporin 4 antibody945,953
 anti-GAD antibody377
 anti-gephyrin antibody377
 anti-glutamate receptor $\epsilon 2$ antibody853
 anti-MAG antibody387
 anti-*N*-methyl-D-aspartate receptor encephalitis
 853
 anti-VGKC antibody339
 anti-VGKC antibody-associated encephalitis339
 antibody401
 antigravity activities1211
 antineuronal antibody365,817
 aphasia141
 apolipoprotein E679
 aquaporin-4913,933,961

aquaporin 4 antibody921
 Arm Trainer133
 arteriovenous malformations539
 artifact477
 Asperger syndrome975
 assessment737
 astrocyte913
 astrocytopathy921
 ataxia.....1203
 ataxic gait1203
 atherosclerotic plaque1301
 atherothrombosis1269
 ATP receptor channel1323
 autism spectrum disorders.....975
 autoantibodies419
 autoantibody309,357
 autoantibody-mediated acute reversible
 LE (AMED-ARLE)817
 autoantibody-mediated limbic encephalitis (AMLE)
 817
 autoantibody to NMDA-type glutamate receptor
 817
 autoimmune limbic encephalitis861
 autoimmunity.....365
 autologous peripheral blood stem cell
 transplantation395
 autopsy preservation act1025

[B]

 Bálint syndrome727
 basal ganglia-thalamo-cortical loop1157
 biochemistry.....1053
 biofeedback1227
 biological control system1165
 biological system1173
 biomechanics1183
 biped1139
 bipedal walking1173
 BMP.....595
 bone marrow biopsy269
 brain113,461
 brain-machine interface1059

brain bank	1013,1019,1025,1035,1053	controllers	151
brain death	575,587	Crow-Fukase syndrome	395
brain edema	533	cryptococcal meningitis	1337
brain imaging	877	<i>Cryptococcus neoformans</i>	1337
brain lesion	1331	crystal structure	1323
brain trauma	13	CSF	769
brainstem	838	CT	461
burden for a donor hospital	565	CT angiography	461
[C]		cystic meningioma	893
camptocormia	1193	cytokines	1075
cancer	301,357	cytotoxic T cells	309
cancer-associated retinopathy	371	[D]	
CARASIL	595	data bank	13
caring	797	deep brain stimulation (DBS)	1221
carotid artery	1291	dementia	609,667,691,719,1043
carotid artery stenosis	1301	dementia of Lewy body disease (DLB)	1043
carotid artery stenting	173,1285,1291,1301	dermatomyositis	427
carotid endarterectomy	1285,1301	developmental disorder	877
carotid stenosis	1291	developmental venous anomaly	1331
carotid ultrasonography	1277	diabetes mellitus	709
cell surface antigen	309	diagnosis	347
cell targeting	255	diagnosis of brain death for child	565
central nervous system	469	diencephalic	838
central pattern generator	1117,1129,1183	diffusion-weighted MRI	987
cerebellar degeneration	357	diplopia	273
cerebellum	1149,1203	disciplinary teamwork	61
cerebral blood flow	489	disease model	309
cerebral infarction	1291	disease modifying drugs	787
cerebral vascular diseases	477	disequilibrium	1109
champagne bottle neck sign	1277	dissecting aneurysm	1083
child abuse	587	disturbance of consciousness	35
children with acquired brain injury	43	donor registration program	1025
cholinesterase inhibitor	777	dopaminergic neuron	1211
chronic kidney disease	533	double seronegative	411
chronic psychosis	1025	drug therapy	777
classical multiple sclerosis	961	dyskinesias	331
classical paraneoplastic neurological syndrome	319	dystonia	1221
clinical study	511	[E]	
Cognitive phenotype	727	early rehabilitation	43
cognitive functions	787	elderly	609
coil embolization	1083	elderly patient	1337
compensation	511	electroencephalogram	101
compensatory care	797	electromyography	113
complication	173	electronic tracking	1035
controlled randomized trial	1285	embolism	1269

(iii)

emergency room	35
encephalitis	838
epicornus syndrome	269
epidemiology	667
ethics guideline	511
European Federation of Neurological Societies (EFNS) guide line	319
evaluation	263
explicit control law	1165
exploding head syndrome	85
expression density dependence	1323
eZIS	743
[F]	
falls	1109
fasciculation	885
feed-forward	151
feedback	151
flexion reflex afferent	1117
flow	477
fluorodopa-positron emission tomography	527
focus area	72
formed visual hallucination	893
freezing of gait	1193
frontotemporal lobar degeneration (FTLD)	625
Fukushimura Brain Bank	1043
functional electrical stimulation (FES)	113,1227
functional magnetic resonance imaging (fMRI)	141
functional neuroimaging	141
functional recovery	125
[G]	
Gait Assist Robot	133
gait	1109
gait disturbance	1109,1193,1221
gait training	133
gamma knife surgery	539
gate mechanism	1323
genetics	975
glial fibrillary acidic protein (GFAP)	913,921
global cognitive function	737
globus pallidus internus (GPi)	1221
GluR ϵ 2 (NR2B)	817,827
GluR ξ 1 (NR1)	827
GNE	601
Golgi-like labeling	209
granular aggregate	701

guideline	13
Guillain-Barré syndrome	615
guinea pig	243
[H]	
head injury	13
headache	165
hemianopia	621
hemiplegia	133
hemodynamic	1269
hemostasis	173
herpes simplex encephalitis (HSE)	853,861
herpes simplex virus	615
herpes zoster	81
higher brain dysfunction	51
higher cortical function	1211
hippocampus	1059
HTRA1	595
human herpesvirus 6	869
human tissue	1035
humans	1129
hypertension	533,709
hypertensive encephalopathy	533
hypoventilation	331
[I]	
idiopathic aqueductal stenosis	527
imaging	1067
immune-mediated neuronal damage	301
immuno-suppressive treatment	1252
immunosuppression	945
immunotherapy	787
immunotoxin	255
implicit control law	1165
incidence	72,667
infant	587
infantile neurological disorders in children	43
inflammation	1269
influenza vaccination	615
informed consent	511
input type BMI	1227
institutional review board for clinical study	511
intensive neurorehabilitation	141
interaction	1067
interest-correlative approach	501
interlimb coordination	1149
intracellular antigen	309,347

intracranial arterial dissection	1083	mental illness	1315
intratubular germ-cell neoplasm	838	mesenchymal stem cells	1075
intravascular malignant lymphomatosis	269	metabolic syndrome	709
intravenous antiepileptic drugs	519	migraine	85
ion selectivity	1323	migration	1075
Isaacs syndrome	401	mild cognitive impairment (MCI)	609,719,757
isolated trigeminal neuropathy	987	misdiagnosis	501
[J]		molecular biology	1013,1053
Japan	667	monkey	1139
jugular foramen syndrome	81	Morvan syndrome	339,401
[K]		motion control	1173
kaifukuki rehabilitation ward	61	motor commands	151
kanji and kana	991	motor control	1183
Kii-ALS	72	motor cortex	1059,1139
kinesthetic route	991	motor neuron disease (MND)	625
[L]		motor nucleus of trigeminal nerve	987
left parietal	991	motor output	101
lentivirus	209	mouse	601
levodopa	527	MR angiography	477
limbic	838	multiple cranial neuropathy	81
limbic encephalitis	347,401,615,869,1252	multiple sclerosis	921,933
limbic system	243	muscle-specific tyrosine kinase antibodies	411
liposomal amphotericin B (L-AMB)	1337	myasthenia gravis	411,953
locomotion	1149,1157,1183,1211	myopathy	601
locomotor movement	1129	[N]	
locomotor region	1117	<i>N</i> -methyl-D-aspartic acid receptor (NMDA) receptor	331
Lokomat	133	NASCET	1277
longitudinally extensive spinal cord lesion	961	near-infrared spectroscopy	125
[M]		neural circuitry	233
Ma2	838	neural network	221
macaroni sign	1277	neural operant	1059
magnetic resonance imaging (MRI)	469,621,743	neuroanatomy	233
magnetic resonance imaging brain lesion	933	neurodegenerative disorder	1053
major depression	1315	neuroemergency	61
malignancy-associated myositis	427	neuroimage	975
malignant glioma	1075	neuroimaging	1157
mechanism	679	neurological skill	583
mechanism of action	519	neurology	1013
medical cooperation	51	neuromuscular junction	411
medical device	263	neuromyelitis optica (NMO)	913,921,933,945,953,961
melanoma-associated retinopathy	371	neuromyelitis optica spectrum disorders	953
memantine behavioral and psychological		neuromyotonia	401
symptoms of dementia	777	neuronal loss	701
memory	737	neuropathology	1013,1053
memory impairment	609		

neuroprosthetics	101	pathophysiology	365
neurorehabilitation	101	pediatric emergency medicine.....	43
neuroscience.....	1019	pediatric neurologist	43
neurosurgeon's viewpoint	575	pediatric neurology	587
neurotransmitters.....	787	PET	757
neurotropic virus	221	pharmaceutical	263
NMDA-type glutamate receptor	827	pharmacokinetics	519
non-herpetic acute limbic encephalitis	853	pharmacotherapy	141
non-herpetic limbic encephalitis (NHLE)	861	phase resetting	1183
noninvasive recording	101	phosphorylation.....	701
NR1/NR2	817	PiB	757
[O]		pitfall	461,469,489
obstructive sleep apnea syndrome.....	85	plaque imaging	1301
ocular muscle paresis	273	plaque intensity	1277
olfactory cortex	243	plasma cell dyscrasia	395
oligomer	701	plasmapheresis	945
onconeural antibody	301,319,387	plasticity	113,1059
onconeural antigen	357	PLE-type I and PLE-type II	817
onconeuronal	838	PMDA	263
opsoclonus	365	POEMS syndrome	395
optic-spinal form of multiple sclerosis (OSMS)	913	polymyositis	427
optical recording	243	polysomnography	85
organ transplantation act of Japan.....	565	pontine tegmentum infarction	987
other	1067	post-ictal fever	1089
ovarian teratoma	827	post-ictal pleocytosis.....	1089
oversight	501	postmortem examination	1035
oxytocin	975	postnatal neurogenesis	1315
[P]		postural muscle tone	1117
P/Q-type voltage-gated calcium channels.....	419	potassium channel	885
P2X ₂	1323	prednisolone	945
paraneoplastic	419,838	prevalence	667
paraneoplastic limbic encephalitis (PLE).....	331,817,861	prevention	659
paraneoplastic neurological syndrome	319,377,387	primary infection	869
paraneoplastic optic neuropathy	371	primate	1183
paraneoplastic retinopathy	371	problem of indivisibility	1165
paraneoplastic syndrome.....	301,339,347,357,365,427	progressive non-fluent aphasia	435
pararotinaemic demyelinating neuropathies	387	psychiatry	1013
parasomnia	85	psychosis.....	331
parenchymal abnormality	1331	ptosis	273
Parkinson disease (PD)	1025,1157,1193,1221	Purkinje neuron	1149
parkinsonism	527	[Q]	
parkinsonism-dementia complex (PDC)	72	quadruped.....	1139
partial volume	489	[R]	
pathology	1019	<i>rabies virus</i>	221
pathomechanism	401	radiation necrosis.....	539

radioisotope cisternography	165	spinal reflexes	1129
reactivation	869	spine	501
real world	1173	split hand	885
recalcitrant	1252	spontaneous intracranial hypotension	165
recognition	1173	standard of brain death determination	583
recombinant tissue plasminogen activator	35	status epilepticus	1089
recoverin	371	stent	1291
reflex walking assist	1227	stiff-person syndrome	377
regulatory science	263	strangulation	621
rehabilitation	51,61,113,125,133,141,797	stroke	51,61,125,141
relapse	1252	stroke data bank	25
remote effect	301	stroke emergency network	25
repetitive transcranial magnetic stimulation (rTMS)	141	stroke unit	25
resource	1019	structural constructionism	501
reticulospinal tract	1117	structural imaging	469
reversible posterior leukoencephalopathy (RPLS)	533	subacute sensory neuropathy	387
revised act on organ transplantation	583	subthalamic nucleus (STN)	1221
revised transplantation law	575	sugar	601
risk factor	679	suicide gene therapy	1075
Rivermead Behavioural Memory Test	609	supplementary motor area	1157
robot aided-training	133	supporting system for donor hospital	565
rt-PA	25	synapse	691
Rubinstein-Taybi syndrome	1083	synapse loss	701
[S]		synapse silencing	255
schizophrenia	1315	synaptotagmin	419
second-generation antiepileptic drugs	519	systemic autoimmune disease	953
self	1067	[T]	
semantic dementia (SD)	435,625	tandem gait	1203
senile plaque	691	task-oriented rehabilitation	1239
serotonergic neuron	1211	tau	659,701,769
Sindbis virus	209	temporo-parietal region	893
single neuron analysis	209	testis	838
single photon emission computed tomography (SPECT)	489,621,743	tetanustoxin	255
Sjögren syndrome	961	TGF- β	595
small-vessel disease	595	thalidomide	395
small cell lung cancer	419	theophylline	1089
snake bite (<i>Agkistrodon blomhoffi</i>)	273	therapeutic care	797
social	1067	therapy	601
social brain	877	three-dimensional gait biomechanics	1193
social cognitive neuroscience	877	three dimensional-stereotactic surface projections (3D-SSP)	625
social support system	51	thrombolytic therapy	25
sodium channel	885	time-of-flight	477
		tissue quality	1035
		transgenic animal	209

transgenic mouse	233,255
transneuronal tracing	221
transsynaptic tracing	233
transsynaptic transport	221
treatment	347,659
〔U〕	
unclassified type	838
unstable plaque	1269
upright posture	1139
〔V〕	
vaccine.....	659
vascular dementia	709
ventriculoperitoneal shunt	527

Visual variant of Alzheimer's disease	727
voltage-gated potassium channel	401
voltage-gated potassium channel antibody	1252
voltage-sensitive dye	243
voriconazole (VRCZ)	1337
VSRAD	743
〔W〕	
walking dysfunctions of stroke patients	1239
wheat germ agglutinin	233
Williams syndrome	877
wrist joint	151
writing errors	435