

KEY WORDS INDEX (From vol. 44 no. 1 to vol. 44 no. 12, 1992)

[A]

ABR615
 acanthocyte739
 acoustic neurinoma917
 acidosis219
 action potentials, compound699
 active oxygen595
 acute encephalopathy849
 a. intoxication149
 a. subdural hematoma377
 adenoma, non-functioning745
 a., pituitary745
 ADH359, 905
 adoptive immunotherapy605
 adrenocortical hormone913
 adult type, early111
 a. type, late111
 after discharge duration1103
 agarose-gel salt bridge227
 agenesis371
 aging559, 595
 agraphia, left unilateral661
 a., pure661
 air embolism77
 alkaloid, ergot1059
 allelic disease547
 ALS492, 495, 505, 515, 525, 533
 A. with dementia495
 A., atypical495
 Alzheimer type dementia449
 Alzheimer's disease595
 amino acid492
 amnesia649
 amygdala649
 anastomosis, STA-MCA995
 aneurysm1133
 a., cerebral733
 a., dissecting167
 aneurysmal operation77
 a. subarachnoid hemorrhage1001
 angiogenesis353
 a., tumor37
 angiogram1009
 angiography53
 a. digital subtraction31
 angioma, cavernous155, 983
 angioplasty193
 Annual of the Pathological Autopsy Cases of Japan71
 anti GM1 antibody691
 anti-cerebrum antibody365
 anti-neoplastic drug1059

antibody, anti GM1691
 a., anti-cerebrum365
 a., bispecific605
 a., monoclonal125
 anticonvulsant61
 antidepressants1077
 antiepileptic drugs1067
 antiepileptics234
 antipsychotic drugs1077
 arachnoid cyst371
 arachnoiditis1115
 arginine vasopression, central43
 arteriole, pial807
 arteriovenous malformation205
 artery, basilar49, 167
 a., internal carotid371
 a., posterior cerebral733
 a., the left middle cerebral661
 a., vertebral343
 Aspergillus fumigatus1025
 aspiration, stereotactic1133
 astrocytes881
 astrocytoma983, 1083
 a., high grade941
 ataxia, cerebellar149
 a., truncal893
 ataxic form177
 ataxochoreoathetosis279
 atrial natriuretic factor457
 a. natriuretic peptide359, 905
 atrophy, brain645
 a., cerebellar149
 a., dentatorubropallidolysian111
 a., multiple system899
 a., olivopontocerebellar249, 899
 a., spinal muscular547
 atypical ALS495
 autologous stimulated lymphocytes813
 automated fluctuation analysis117
 AVM, dural855
 axon505
 a., dark449
 axonal transport505

[B]

basal ganglia calcification477
 basilar artery49, 167
 BCAA-rich amino acid preparation(GO-80)103
 Behçet disease1029
 benign brain stem encephalopathy893
 betamethasone913
 biomagnetism295

bispecific antibody	605	c. thrombosis	771
bleeding, intracranial	377	c. vasodilator	797
blink reflex	411	c. vasospasm	629
bone, temporal	143	c. vein	621
brain	967, 1017	cerebrospinal fluid	24, 457
b. atrophy	645	cerebrovascular disease	13, 787
b., dead	1108	c. disease, ischemic	31, 995
b. edema	43, 219, 337, 1095	cervical carotid dissection	53
b. ischemia	1095	c. compression	855
b. metastasis	755, 1137	c. sympathetic system	343
brain stem	983	chemotactic chamber	813
b. encephalitis (Bickerstaff's encephalitis)	893	chemotherapy	1137
b. encephalopathy, benign	893	Chiari malformation	24
brainstem, lower	923	chondroblastoma	143
b. tumor	871	chorea	279, 477
brainstem glioma	941	Chorea-acanthocytosis	739
bromodeoxyuridine	821	chromatography, liquid	331
Bunina body	525	chronic inflammatory demyelinating polyneuropathy	979
		c. subdural hematoma	565, 827
[C]		CIDP	709
calcium-free magnesium-free buffer	553	ciliospinal center	343
calcification, basal ganglia	477	circadian rhythm	615
cancer, lung	755	circulation, cerebral	31
cancers, four and five primary	71	clinical diagnosis, demyelination	709
carcinomatosis, leptomeningeal	935	c. feature	1127
cardiac myosin light chain I	131	c. review	827
carotid artery, internal	371	CNS	155
c. dissection, cervical	53	CO ₂ reactivity	995
Castleman's disease	923	colchicine	1029
catabolites, purine	807	collagen gel	813
catecholaminergic neuron	331	collision method	699
catheter	193	compliance	833
cauda equina, tumor of	469	compound action potentials	699
caudate nucleus	719	compression, cervical	855
causalgia	961	conduction block	683, 191
cavernous angioma	155, 983	c. study, nerve	979
c. hemangioma	271	c. velocity distribution, nerve	699
c. sinus	855, 1009	congenital hydrocephalus	841
CBZ	1067	consciousness	13
cell kinetics	821	c. level	1087
central arginine vasopression	43	cool storage	553
central nervous system	65, 881	cooperativity	5
cerebellar ataxia	149	cortex, motor	5
c. atrophy	149	corticospinal connection	492
cerebral aneurysm	773	c. innervation	5
c. artery, posterior	733	corticosteroid therapy	377
c. artery, the left middle	661	Creutzfeldt-Jakob disease	177, 579
c. blood flow	645, 779	CSF	95
c. blood flow, regional	234, 337, 1017	CT	65, 149, 155, 371, 473, 579, 827, 1127
c. circulation	31	culture supernatant, glioma	813
c. edema	779	cyclic GMP	457
c. edema treatment	779	cyst, arachnoid	371
c. embolism	53, 771	c., epidermoid	469
c. evoked responses	323	c., epithelial	1035
c. infarction	661	cytogenetic diagnosis	871
c. ischemia	337, 621, 779, 807		
c. ischemia, focal	219		
c. metabolic activator	797		

[D]

dark axon	449
d. dendrite	449
dead brain	1108
deafness, nerve	571
deep brain stimulation	435
d. forehead temperature	615
degeneration of granule cell type in the cerebellar-	
cortex, severe	177
d., striatonigral	899
d., white matter	279
dehydration	629
dementia	429
d., ALS with	495
d., Alzheimer type	449
d., subcortical	421
demyelination	709
d., segmental	683
dendrite, dark	449
dentatorubropallidolusian atrophy	111
descending pathway	399
developmental regression	473
dexamethasone	37
diabetes mellitus	259
diagnosis	143
d., cytogenetic	871
diazepam	117
DIC	137
diffuse symmetric lesion	65
digital subtraction angiography	31
dipole tracing	301
direct current	227
disease, allelic	547
d., Alzheimer's	595
d., Behçet	1029
d., Castleman's	923
d., cerebrovascular	13, 787
d., Creutzfeldt-Jakob	177, 579
d., ischemic cerebrovascular	31, 995
d., motor neuron	365, 515, 533, 691, 727
d., neuronal type CMT	571
d., Parkinson's	595
dissecting aneurysm	167
dissection, cervical carotid	53
dissemination, meningeal	941
dog	457
dopaminergic neurons of the substantia nigra pars	
compacta	103
double immunofluorescence staining	125
d., lumen sign	167
doubling time, potential	821
DRPLA	279
drug therapy	797
d., anti-neoplastic	1059
drug-induced encephalopathy	1059
d. neuropathy	1059
drugs, antiepileptic	1067
d., antipsychotic	1077

Duchenne muscular dystrophy	131
dural arteriovenous malformation	1009
d. AVM	855
dystrophy, Duchenne muscular	131
d., reflex sympathetic	961

[E]

early adult type	111
Eaton-Lambert syndrome	755
EEG lead electrode	227
EEG., high frequency	117, 1087
electrical stimulation	43
electrode, EEG lead	227
embolism, cerebral	53, 771
embolization	193
Emery	547
encephalitis	649
e. (Bickerstaff's encephalitis), brainstem	893
encephalomyopathy, mitochondrial	259
encephalopathy, acute	849
e., benign brainstem	893
e., drug-induced	1059
e., hepatic	103
e., pulmonary	19
endothelial cell	353
epidemiological study	727
epidermoid cyst	469
epilepsy	307, 473, 989
e. surgery	307
e., frontal lobe	1041
e., myoclonus	279
e., progressive myoclonus	111
epileptic seizure	463
epithelial cyst	1035
ergot alkaloid	1095
erythrocyte membrane skeleton	739
ET infusion	137
evoked potentials	95
e. potentials, somatosensory	435
e. responses, cerebral	323
excitatory	492
experimental model	1115
extracellular matrix	353
extrahypothalamic projections	399

[F]

5-Fluorouracil	173
facial nerve neurinoma	917
f. nerve palsy	655
factor VIII	565
familial occurrence	155
fast fourier transform	117, 1087
fetus	633
fibrin thrombi	137
fibrinolysis	193
fibrinolytic agent	771
f. therapy	1001
fibronectin	565

fluctuation analysis	1087	hygroma, traumatic subdral	1127
f. analysis, automated	117	hypertrophy, olivery	849
f., Lorentzian	117	hyponatremia	629, 905
focal cerebral ischemia	219	hypoparathyroidism, idiopathic	477
follicle-stimulating hormone(FSH) producing adenoma	745	hypothalamus	399
Fontana-Masson's staining melanosome	935		
four and five primary cancers	71	[I]	
free radicals	807	idiopathic hypoparathyroidism	477
frontal lobe epilepsy	1041	i. thrombocytopenic purpura	377
fundus hemorrhage	13	IgM gammopathy	365
fungus ball	1025	imaging, ultrasound	1115
		immune defense	881
[G]		immunocytochemistry	249
GAPF	1108	immunofluorescence staining, double	125
Gallyas silver stain	249	immunoglobulin, human	979
gamma knife	205	immunohistochemistry	125, 525, 745, 1108
gammopathy, IgM	365	immunology	95
gene transduction	605	immunosuppression therapy	1029
g., tumor suppressor	871	immunotherapy, adoptive	605
general paresis	645	in vivo microdialysis	331
generalized seizure, secondarily	719	incidence	727
glioma culture supernatant	813	infarction	383, 443
g., brainstem	941	i., cerebral	661
gliomas	37	i., midbrain	667
GMP, cyclic	457	inflammatory demyelinating polgneuwppathy, chronic	979
gonadotropin	745	innervation, corticospinal	5
gray matter, heterotopic	463	interictal spike	307
		interleukin-6	923
[H]		internal carotid artery	371
H-reflex	411	intoxication, acute	149
hallucinoze pédonculaire	667	intracerebral lesion	137
head trauma	1021	intracranial bleeding	377
healing, wound	565	i. malignant lymphoma, primary	1029
hemangioma, cavernous	271	i. pressure pulse wave	833
hematocrit	787	i. pressure	24, 1017
hematoma, acute subdural	377	i. tumors	205
h., chronic subdural	565, 827	intravascular blood flow	31
hemiparesis	49	i. surgery	193
hemodilution	787	involuntary movement	61
hemorheology	787	iododeoxyuridine	821
hemorrhage, aneurysmal sabarachnoid	1001	ischemia, brain	1095
h., fundus	13	i., cerebral	337, 621, 779, 807
h., putaminal	1133	i., focal cerebral	219
h., subarachnoid	331, 629, 905	ischemic cerebrovascular disease	31, 995
hepatic encephalopathy	103	i. lesions	923
heterotopic grey matter	463	isosorbide dinitrate	1017
high frequency EEG	117, 1087	juvenile type	111
h. grade astrocytoma	941		
hippocampus	649, 989	[K]	
histogram	1083	kainic acid	234, 719
HLA-DA	1108	kanahiroi test	19
hormone, adrenocortical	913	kindling	559, 989, 1103
human brain tumors	821	kinetics, cell	821
h. immunoglobulin	979		
hydrocephalus	457, 633, 833	[L]	
h., congenital	841	late adult type	111
h., normal pressure	429	LCBF	1095

LCGU	1095
left unilateral agraphia	661
leptomeningeal carcinomatosis	935
leucomalacia	849
leukocyte	443
leukoencephalopathy	173
Lewis-Sumner-syndrome	691
Lewy body-like hyaline inclusion	515
limbic seizure	234
lipofuscion	595
liquid chromatography	331
Lorentzian fluctuation	117, 1087
lower brain stem	923
lung	1025
l. cancer	755
lymphnodes	755
lymphocyte, tumor infiltrating	605
l., tumor infiltration	125
lymphocytes, autologous stimulated	813
lymphoma	65
l., malignant	125
l., primary intracranial malignant	1029
lympokine-activated killer	605

[M]

magnesium-free buffer, calcium-free	553
magnetic resonance technology	241
magnetoencephalography (MEG)	265, 295, 322, 307
magnetometer	295
malformation, arteriovenous	205
m., Chiari	24
m., dural arteriovenous	1009
malignant lymphoma	125
m. lymphoma, primary intracranial	1029
m. melanoma	929
m. melanoma, primary	935
m. maningioma	71
masseter reflex	411
MCA, peripheral	1133
medial longitudinal fasciculus (MLF)	639
median nerve stimulation	265
medullary reticular formation	43
Meige's syndrome	1021
melanoma, malignant	929
m., primary malignant	935
MELAS	259
meningeal dissemination	941
meningioma, malignant	71
mental retardation	463
metabolic activator, cerebral	797
metastasis to the orbita	929
m., brain	755, 1137
microdialysis	807
m., in vivo	331
microglia	881, 1108
midbrain	383
m. infarction	667
middle cranial fossa	271

miniature Ommaya's reservoir	633
mitochondrial encephalomyopathy	259
MLF syndrome	667
monoclonal antibody	125
mortality rate	13
mortor cortex	5
m. area, supplementary	1041
m. neuron disease	365, 515, 533, 691, 727
MRI	24, 65, 95, 155, 163, 241, 265, 371, 383
579, 649, 655, 667, 893, 899, 917, 967, 1035	
multifocal neuropathy	709
m. motor neuropathy	691
multiple sclerosis	95
m. system atrophy	899
muscle, skeletal	131
muscular atrophy, spinal	547
m. dystrophy, Duchenne	131
myeloperoxidase	443
myoclonus	49
m. epilepsy, progressive	111
m. epilepsy	279
myosin light chain I, cardiac	131

[N]

NaHCO ₃	219
natriuretic factor, atrial	457
n. peptide, atrial	359, 905
nature and origin	525
nerve conduction study	979
n. conduction velocity distribution	699
n. damage, vestibular	655
n. deafness	571
n. palsy, facial	655
n. stimulation, meian	265
n. vertebral	343
n. system	1059
neural transplantation	553
neurinoma, acoustic	917
n., facial nerve	917
neurofibromatosis	917
neurofilament	505
neurogenic pulmonary edema	77
neurological side effects	1077
neuromagnetism	295
neuromuscular units	5
neuron, catecholaminergic	331
neuron-specific enolase	579
neuronal loss	533
n. type CMT disease	571
neurons of the substantia nigra pars compacta, dopaminergic	103
neuropathological studies	571
neuropathology	421, 595
neuropathy	683
n., drug-induced	1059
n., multifocal	709
n., multifocal motor	691
n., peripheral	173

neuropil	449	polymerase chain reaction	259
neuropsychiatric symptoms	923	polymicrogyria	463
neuroleptics	1067	polyneuropathy	979
nicergoline	1095	pontine exotropia, non-paralytic	639
node of Ranvier	683	positron emission tomography (PET)	645
non-functioning adenoma	745	posterior cerebral artery	733
non-paralytic pontine exotropia	639	p. fossa	1035
normal pressure hydrocephalus	429	potential doubling time	821
nucleolar organizer region	1083	power spectrum	227
nucleus and nerve, oculomotor	383	Power' syndrome	343
n. tractus solitarius (NTS)	331	prevalence	727
n., caudate	719	primary intracranial malignant lymphoma	1029
[O]		p. malignant melanoma	935
occurrence, familial	155	prognosis	143
oculomotor nucleus and nerve	383	progressive myoclonus epilepsy	111
olivery hypertrophy	849	p. supranuclear palsy	421
olivopontocerebellar atrophy	249, 899	projections, extrahypothalamic	399
Ommaya's reservoir, miniature	633	protein, synaptic vesicle	841
oncogene	871	psychiatric symptoms	571
one-and-a half syndrome	639	psychosis, steroid	913
operation, aneurysmal	77	pulmonary edema, neurogenic	77
opsoclonus-myoclonus syndrome	893	p. encephalopathy	19
oral contraceptive	163	p. ventilation	131
orbita, metastasis to the	929	pulse wave	833
organizer region, nucleolar	1083	p. wave, intracranial pressure	833
ossification of the posterior longitudinal ligament	477	pupil sparing	383
outcome, surgical	1127	pupillary reaction	343
oxygen, active	595	pure agraphia	661
[P]		purine catabolites	807
P300	19	purpura, idiopathic thrombocytopenic	377
pachymeningitis	655	putaminal hemorrhage	1133
pain	435	[Q]	
palsy, facial nerve	655	quantitative investigation	533
p., prgressive supranuclear	421	q. study	841
paramedian pontine reticular formation (PPRF)	639	[R]	
paraplegia	1025	radiation therapy	271
paresis, general	645	radiosurgery	205
Parkinson's disease	595	Ranvier, node of	683
parkinsonism	163	rat	443, 559, 841
pathogenesis	1021	reaching and grasping	5
pathway, descending	399	reaction, polymerase chain	259
PB	1067	r., pupillary	343
PCO ₂	19	receptor subtype	989
pentylenetetrazol	559	recurrence	827
peptide, atrial natriuretic	359, 905	reflex sympathetic dystrophy	961
perfusion pressure	621	r., blink	411
peripheral MCA	1133	r., masseter	411
p. neuropathy	173	region, nucleolar organizer	1083
phenytoin	149	regional cerebral blood flow	234
PHT	1067	regression, developmental	473
pial arteriole	807	respiratory insufficiency	19
pill	163	responses, cerebral evoked	323
pituitary adenoma	745	rigional cerebral blood flow	337, 1017
plasmapheresis	365	rt-PA	1001
plasminogen activator, tissue	771, 1001		

[S]

sabarachnoid hemorrhage, aneurysmal	1001
secondarily generalized seizure	719
segmental demyelination	683
seizure, epileptic	463
s., limbic	234
s., secondarily generalized	719
seizure-triggering threshold	1103
seizures	559
sensory disturbance	469
s. stimuli	323
serotonin	989
severe degeneration of granule cell type in the cerebellar cortex	177
shunt surgery	429
SIADH	359, 905
side effect	913, 1059
s. effects, neurological	1077
sign, double lumen	167
silver stain, Gallyas	249
skeletal muscle	131
SLE	733
sodium channel	683
somatosensory evoked field(SEF)	265
s. evoked potentials	435
specific gravity	337
SPECT	473, 579, 899
spectrum analysis	699
s., power	227
speech arrest	1041
spheroid	505
spike, interictal	307
spinal cord	241, 399, 967
s. cord, thoracic	1025
s. muscular atrophy	547
SQUID	295
STA-MCA anastomosis	995
staining, double immunofluorescence	125
stereotactic aspiration	1133
s. surgery	435
steroid psychosis	913
stimulation, deep brain	435
s., electrical	43
s., median nerve	265
stimuli, sensory	323
striatonigral degeneration	899
subarachnoid hemorrhage	331, 629, 905
subcortical dementia	421
subdural hygroma, traumatic	1127
s. hematoma, acute	377, 827
s. hematoma, chronic	565, 827
subharmonics	227
subtype, receptor	989
subtypes	709
supine position	77
supplementary motor area	1041
supranuclear palsy, progressive	421
surgery	983

s., epilepsy	307
s., intravascular	193
s., shunt	429
s., stereotactic	435
surgical outcome	1127
survival rate	1095
symmetric lesion, diffuse	65
sympathetic dystrophy, reflex	961
s. nervous system	961
s. system, cervical	343
symptom	1009
symptoms, neuropsychiatric	923
s., psychiatric	571
synaptic vesicle protein	841
synaptogenesis	841
syndrome, Eaton-Lambert	755
s., Lewis-Sumner	691
s., Meige's	1021
s., MLF	667
s., one-and-a-half	639
s., opsoclonus-myoclonus	893
s., Power'	343
s., Tolosa-Hunt	655
syringomyelia	24, 1115

[T]

t-PA	771, 1001
T-reflex	411
TD-2061	1001
tegafur	173
temporal bone	143
terminal excitability	103
thalamic changes	421
thalamus	435
THAM	219
the left middle cerebral artery	661
therapy, corticosteroid	377
t., fibrinolytic	1001
t., immunosuppression	1029
t., radiation	271
t., thrombolytic	1001
thoracic spinal cord	1025
threshold, seizure-triggering	1103
thrombi, fibrin	137
thrombocytopenic purpura, idiopathic	377
thrombolytic therapy	1001
thrombosis, cerebral	771
time density curve	31
tissue plasminogen activator	771, 1001
Tolosa-Hunt syndrome	655
truncal ataxia	893
transduction, gene	605
transplantation, neural	553
transport, axonal	505
trauma, head	1021
t., trivial	53
traumatic subdural hygroma	1127
treatment	143, 797

treatment, cerebral edema	779	urokinase	771
tremor	61	[V]	
TRH test	163	vasodilator, cerebral	797
trivial trauma	53	vasopression, central arginine	43
tumor angiogenesis	37	vasospasm	1001
tumor infiltrating lymphocyte	125, 605	v., cerebral	629
t. of cauda equina	469	vein, cerebral	621
t. suppressor gene	871	venous drainage disturbance	621
t., brain	871	ventilation, pulmonary	131
t., Wilm's	1137	vertebral artery	343
t., human brain	821	v. nerve	343
t., intracranial	205	vestibular nerve damage	655
twin	633	[W]	
tympanic membrane temperature	615	Werdnig-Hoffmann	547
type 2C fiber	547	white matter degeneration	279
[U]		Wilm's tumor	1137
UK	771	wound healing	565
ulinastatin	337	[Z]	
ultrasound imaging	1115	zonisamide	61
ultrastructure	249, 449, 525		
units, neuromuscular	5		