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A quantitative magnetic resonance imaging study of changes in brain morphology from infancy to late adulthood

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#	Paper	IF	Citations
1172	Do the waves begin to waver? ERP studies of language processing in the elderly. 1995 , 110, 314-344		9
1171	Anterior hippocampal volume deficits in nonamnesic, aging chronic alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1995 , 19, 110-22	3.7	276
1170	Longitudinal changes in magnetic resonance imaging brain volumes in abstinent and relapsed alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1995 , 19, 1177-91	3.7	329
1169	Widespread cerebral structural changes in patients with cortical dysgenesis and epilepsy. 1995 , 118 (Pt 4), 1039-50		143
1168	Brain dysmorphology in adults with congenital rubella plus schizophrenialike symptoms. 1995 , 37, 764-76		35
1167	Age-related decline in MRI volumes of temporal lobe gray matter but not hippocampus. 1995 , 16, 591-606		221
1166	Use of MRI for measuring structures in frozen postmortem brain. 1995 , 38, 457-60		2
1165	Cortical gray matter volume deficits in schizophrenia: a replication. 1996 , 20, 157-64		53
1164	Cognitive and motor impairments are related to gray matter volume deficits in schizophrenia. 1996 , 39, 234-40		49
1163	Gray matter deficits in young onset schizophrenia are independent of age of onset. 1996 , 40, 4-13		63
1162	MRI brain abnormalities in chronic schizophrenia: one process or more?. 1996 , 40, 585-96		69
1161	Progressive cerebral atrophy in multiple sclerosis. A serial MRI study. 1996 , 119 (Pt 6), 2009-19		410
1160	Timing of puberty and EEG coherence during photic stimulation. 1996 , 21, 135-49		21
1159	Magnetic resonance imaging of Alzheimer's disease. 1996 , 20, 597-626		18
1158	Brain development, gender and IQ in children. A volumetric imaging study. 1996 , 119 (Pt 5), 1763-74		744
1157	The human brain age 7-11 years: a volumetric analysis based on magnetic resonance images. 1996 , 6, 726-36		412
1156	Quantitative computed tomography and magnetic resonance imaging in aging and Alzheimer's disease. A review. 1996 , 6, 44-53		13

1155	Quantitative magnetic resonance imaging of human brain development: ages 4-18. 1996 , 6, 551-60		867
1154	Brain size and cognitive ability: Correlations with age, sex, social class, and race. 1996 , 3, 21-36		121
1153	Sexual dimorphism in the human corpus callosum? A comparison of methodologies. 1996 , 727, 99-106		43
1152	Mammillary body and cerebellar shrinkage in chronic alcoholics with and without amnesia. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 1489-95	3-7	99
1151	Relationship between alcohol withdrawal seizures and temporal lobe white matter volume deficits. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 348-54	3-7	85
1150	Thinning of the corpus callosum in older alcoholic men: a magnetic resonance imaging study. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 752-7	3-7	166
1149	A technique for single-channel MR brain tissue segmentation: application to a pediatric sample. 1996 , 14, 1053-65		30
1148	Imaging as a tool in exploring the neurodevelopment and genetics of schizophrenia. 1996 , 52, 587-96		34
1147	Selective cortical and hippocampal volume correlates of Mattis Dementia Rating Scale in Alzheimer disease. <i>Archives of Neurology</i> , 1997 , 54, 719-28		75
1146	Crashworthiness of Transportation Systems: Structural Impact and Occupant Protection. 1997 ,		4
1145	Structural magnetic resonance imaging abnormalities in men with severe chronic schizophrenia and an early age at clinical onset. 1997 , 54, 1104-12		77
1144	Selective aging of the human cerebral cortex observed in vivo: differential vulnerability of the prefrontal gray matter. 1997 , 7, 268-82		892
1143	Cerebral gray matter volume deficits after weight recovery from anorexia nervosa. 1997 , 54, 537-42		110
1142	Similar extent of brain dysmorphology in severely ill women and men with schizophrenia. 1997 , 154, 819-25		55
1141	Age of onset and brain atrophy in Alzheimer's disease. 1997 , 9, 183-96		5
1140	Developmental trajectory and disease progression in schizophrenia: the conundrum, and insights from a 12-year prospective study in the Monaghan 101. 1997 , 23, 107-18		39
1139	Variability of human brain structure size: ages 4-20 years. 1997 , 74, 1-12		102
1138	Quantification of cerebellar structures with MRI. 1997 , 75, 159-71		13

1137	The anatomy of mood disorders--review of structural neuroimaging studies. 1997 , 41, 86-106		644
1136	Automatic and effortful processing in aging and dementia: event-related brain potentials. 1997 , 18, 169-80		37
1135	Magnetic Resonance Techniques in the Evaluation of the Newborn Brain. 1997 , 24, 693-723		39
1134	Normal Development. 1997 , 6, 265-282		15
1133	Cortical and hippocampal volume deficits in temporal lobe epilepsy. 1997 , 38, 576-87		125
1132	Frontal lobe volume loss observed with magnetic resonance imaging in older chronic alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 1997 , 21, 521-9	3-7	322
1131	Adolescents with anorexia nervosa: the impact of the disorder on bones and brains. 1997 , 817, 127-37		27
1130	T2 relaxation time as a marker of brain myelination: experimental MR study in two neonatal animal models. 1997 , 72, 5-14		63
1129	Estimating NAA in cortical gray matter with applications for measuring changes due to aging. 1997 , 37, 372-7		81
1128	The role of the anterior cingulate in automatic and controlled processes: A developmental neuroanatomical study. 1997 , 30, 61-69		172
1127	Which characteristics of schizophrenia predate psychosis?. 1998 , 32, 121-31		59
1126	Posthemorrhagic hydrocephalus and brain injury in the preterm infant: dilemmas in diagnosis and management. 1998 , 5, 161-79		33
1125	Quantitative magnetic resonance imaging of brain development in premature and mature newborns. 1998 , 43, 224-35		497
1124	Sex differences in morphology of the brain stem and cerebellum with normal ageing. 1998 , 40, 788-92		31
1123	Cortical and cognitive development in 4th, 8th and 12th grade students. The contribution of speed of processing and executive functioning to cognitive development. 1998 , 48, 37-56		46
1122	EEG power spectra of normal preadolescent twins. Gender differences of quantitative EEG maturation. 1998 , 28, 231-48		16
1121	Patterns of regional cortical dysmorphology distinguishing schizophrenia and chronic alcoholism. 1998 , 43, 118-31		55
1120	Association between regional brain volumes and clozapine response in schizophrenia. 1998 , 43, 879-86		30

1119	Precise segmentation of the lateral ventricles and caudate nucleus in MR brain images using anatomically driven histograms. 1998 , 17, 303-10	28
1118	Unsolved problems in comparing brain sizes in Homo sapiens. 1998 , 37, 254-85	148
1117	Quantitative volumetric analysis of brain magnetic resonance imaging from patients with multiple sclerosis. 1998 , 158, 148-53	55
1116	A profile of cortical gray matter volume deficits characteristic of schizophrenia. 1998 , 8, 117-24	60
1115	Is schizophrenia a progressive neurodevelopmental disorder? Toward a unitary pathogenetic mechanism. 1998 , 155, 1661-70	347
1114	Longitudinal study of genetic influences on ERP-P3 during childhood. 1998 , 14, 19-45	18
1113	Effects of Age and Dementia on the Trail Making Test. 1998 , 12, 169-178	55
1112	Fluency Performance Patterns in Alzheimer's Disease and Parkinson's Disease. 1998 , 12, 487-499	22
1111	Segmentation of inversion recovery MR images using neural networks: a study on aging. 1998 ,	
1110	Proton magnetic resonance spectroscopic imaging of cortical gray and white matter in schizophrenia. 1998 , 55, 346-52	81
1109	Structural MRI correlates of recognition memory in Alzheimer's disease. 1998 , 4, 106-14	57
1108	Rate of medial temporal lobe atrophy in typical aging and Alzheimer's disease. 1998 , 51, 993-9	508
1107	Structural and Functional Magnetic Resonance Imaging in the Temporal Lobes of Children During Word Production. 1998 , 7, S3	
1106	Structural neuroimaging correlates of memory dysfunction in neurodegenerative disease. 1998 , 100-127	
1105	Compromised white matter tract integrity in schizophrenia inferred from diffusion tensor imaging. 1999 , 56, 367-74	384
1104	Patterns of age-related shrinkage in cerebellum and brainstem observed in vivo using three-dimensional MRI volumetry. 1999 , 9, 712-21	159
1103	Quantitative in vivo measurement of gyrification in the human brain: changes associated with aging. 1999 , 9, 151-60	216
1102	Brain development during childhood and adolescence: a longitudinal MRI study. 1999 , 2, 861-3	3982

1101	A contingent aftereffect in the auditory system. 1999 , 2, 863-5	18
1100	Age-associated changes in rhesus CNS composition identified by MRI. 1999 , 829, 90-8	60
1099	Periventricular white matter injury in the premature infant is followed by reduced cerebral cortical gray matter volume at term. 1999 , 46, 755-60	475
1098	Neurocognitive deficits in medulloblastoma survivors and white matter loss. 1999 , 46, 834-41	186
1097	In vivo spectroscopic quantification of the N-acetyl moiety, creatine, and choline from large volumes of brain gray and white matter: effects of normal aging. 1999 , 41, 276-84	253
1096	¹ H chemical shift imaging of the human brain at age 60-90 years reveals metabolic differences between women and men. 1999 , 42, 24-31	16
1095	The effect of normal aging on the coupling of neural activity to the bold hemodynamic response. 1999 , 10, 6-14	393
1094	Structural maturation of neural pathways in children and adolescents: in vivo study. 1999 , 283, 1908-11	1067
1093	Brain gray and white matter transverse relaxation time in schizophrenia. 1999 , 91, 93-100	41
1092	Neuroanatomic contributions to slowed orienting of attention in children with autism. 1999 , 8, 61-71	135
1091	Effects of pubertal timing on EEG coherence and P3 latency. 1999 , 34, 225-36	3
1090	Severity of schizophrenia and magnetic resonance imaging abnormalities: a comparison of state and veterans hospital patients. 1999 , 45, 49-61	15
1089	Structural brain imaging in schizophrenia: a selective review. 1999 , 46, 627-49	140
1088	Measuring in vivo myelination of human white matter fiber tracts with magnetization transfer MR. 1999 , 9, 393-406	90
1087	Localizing age-related changes in brain structure between childhood and adolescence using statistical parametric mapping. 1999 , 9, 587-97	440
1086	Spatial structure of the human alpha rhythm: global correlation in adults and local correlation in children. 1999 , 110, 1351-62	90
1085	Cortical gray matter deficit in patients with bipolar disorder. 1999 , 40, 219-27	97
1084	Sex differences in brain gray and white matter in healthy young adults: correlations with cognitive performance. 1999 , 19, 4065-72	705

1083	In vivo brain concentrations of N-acetyl compounds, creatine, and choline in Alzheimer disease. 1999 , 56, 185-92		113
1082	Myelination and organization of the frontal white matter in children: a diffusion tensor MRI study. 1999 , 10, 2817-21		390
1081	Progressive cortical change during adolescence in childhood-onset schizophrenia. A longitudinal magnetic resonance imaging study. 1999 , 56, 649-54		322
1080	Brain structural and cognitive correlates of clock drawing performance in Alzheimer's disease. 1999 , 5, 502-9		66
1079	MRI temporal lobe volume measures and neuropsychologic function in Alzheimer's disease. 1999 , 9, 2-9		40
1078	Structural brain correlates of verbal and nonverbal fluency measures in Alzheimer's disease.. 2000 , 14, 29-40		39
1077	Longitudinal changes in cognition, gait, and balance in abstinent and relapsed alcoholic men: Relationships to changes in brain structure.. 2000 , 14, 178-188		195
1076	Cerebellar volume decline in normal aging, alcoholism, and Korsakoff's syndrome: Relation to ataxia.. 2000 , 14, 341-352		219
1075	In vivo studies of brain development by magnetic resonance techniques. 2000 , 6, 59-67		54
1074	Developmental neuroimaging of children using magnetic resonance techniques. 2000 , 6, 68-80		54
1073	Age-related decline in brain white matter anisotropy measured with spatially corrected echo-planar diffusion tensor imaging. 2000 , 44, 259-68		503
1072	Subtle white matter volume differences in children treated for medulloblastoma with conventional or reduced dose craniospinal irradiation. 2000 , 18, 787-93		109
1071	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. 2000 , 24, 13-9		443
1070	Hemicranial volume deficits in patients with temporal lobe epilepsy with and without hippocampal sclerosis. 2000 , 41, 257-8; author reply 258-9		1
1069	Pattern of Motor and Cognitive Deficits in Detoxified Alcoholic Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 611-621	3-7	320
1068	In Vivo Detection and Functional Correlates of White Matter Microstructural Disruption in Chronic Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 1214-1221	3-7	210
1067	Increased CSF volumes are associated with diminished subjective responses to cocaine infusion. 2000 , 23, 468-73		7
1066	The growth of the feline brain from late fetal into adult life. I. A morphometric study of the neocortex and white matter. 2000 , 122, 11-20		16

1065	The growth of the feline brain from fetal into adult life. II. A morphometric study of subcortical nuclei. 2000 , 122, 21-33	6
1064	Functional brain imaging as a looking-glass into the degraded brain: reviewing evidence from Alzheimer disease in relation to normal aging. 2000 , 105, 255-77	11
1063	Are there specific disabilities of number processing in adolescent patients with Anorexia nervosa? Evidence from clinical and neuropsychological data when compared to morphometric measures from magnetic resonance imaging. 2000 , 9 Suppl 2, II111-21	28
1062	Disease-Specific Brain Atlases. 2000 , 131-177	8
1061	Fine volumetric analysis of the cerebral ventricular system in schizophrenia: further evidence for multifocal mild to moderate enlargement. 2000 , 26, 201-16	21
1060	Contribution of alcohol abuse to cerebellar volume deficits in men with schizophrenia. 2000 , 57, 894-902	80
1059	Brain atrophy in relapsing-remitting multiple sclerosis and secondary progressive multiple sclerosis: longitudinal quantitative analysis. 2000 , 214, 665-70	188
1058	Volumetric measure of the frontal and temporal lobe regions in schizophrenia: relationship to negative symptoms. 2000 , 57, 471-80	223
1057	Intracranial volume and Alzheimer disease: evidence against the cerebral reserve hypothesis. <i>Archives of Neurology</i> , 2000 , 57, 220-4	98
1056	Normal brain development and aging: quantitative analysis at in vivo MR imaging in healthy volunteers. 2000 , 216, 672-82	805
1055	Memory development and event-related brain potentials in children. 2000 , 54, 145-74	57
1054	Structural and functional brain development and its relation to cognitive development. 2000 , 54, 241-57	1053
1053	Brain structure in men remains highly heritable in the seventh and eighth decades of life. 2000 , 21, 63-74	121
1052	The relation between global and limbic brain volumes on MRI and cognitive performance in healthy individuals across the age range. 2000 , 21, 569-76	103
1051	Age-related decline in striatal volume in monkeys as measured by magnetic resonance imaging. 2000 , 21, 591-8	47
1050	Neurodevelopmental hypothesis of schizophrenia: a central sensory disturbance. 2000 , 55, 314-8	19
1049	Sexual dimorphism in the human brain: evaluation of tissue volume, tissue composition and surface anatomy using magnetic resonance imaging. 2000 , 98, 1-13	243
1048	Age-related brain volume reductions in amphetamine and cocaine addicts and normal controls: implications for addiction research. 2000 , 98, 93-102	96

1047	The relationship between fMRI activation and cerebral atrophy: comparison of normal aging and alzheimer disease. 2000 , 11, 179-87	131
1046	Imaging brain plasticity: conceptual and methodological issues--a theoretical review. 2000 , 12, 1-13	306
1045	Statistical parametric mapping: assessment of application in children. 2000 , 12, 538-49	204
1044	One-year age changes in MRI brain volumes in older adults. 2000 , 10, 464-72	383
1043	Effects of age, medication, and illness duration on the N-acetyl aspartate signal of the anterior cingulate region in schizophrenia. 2000 , 41, 389-95	104
1042	Brain atrophy in relapsing-remitting multiple sclerosis: relationship with 'black holes', disease duration and clinical disability. 2000 , 174, 85-91	100
1041	Right amygdala volume in adolescent and young adult offspring from families at high risk for developing alcoholism. 2001 , 49, 894-905	143
1040	Negative association of neuroticism with brain volume ratio in healthy humans. 2001 , 50, 685-90	111
1039	A voxel-based morphometric study of ageing in 465 normal adult human brains. 2001 , 14, 21-36	3734
1038	A unified statistical approach to deformation-based morphometry. 2001 , 14, 595-606	308
1037	Magnetic resonance techniques in the evaluation of the perinatal brain: recent advances and future directions. 2001 , 6, 195-210	66
1036	Effects of age on tissues and regions of the cerebrum and cerebellum. 2001 , 22, 581-94	711
1035	Quantitative assessment of possible age-related change in synaptic numbers in the human frontal cortex. 2001 , 22, 355-65	59
1034	Sex differences in corpus callosum size: relationship to age and intracranial size. 2001 , 22, 603-11	156
1033	Maturation of white matter in the human brain: a review of magnetic resonance studies. 2001 , 54, 255-66	683
1032	Mapping cortical asymmetry and complexity patterns in normal children. 2001 , 107, 29-43	141
1031	A four-dimensional probabilistic atlas of the human brain. 2001 , 8, 401-30	248
1030	Anatomical MRI of the developing human brain: what have we learned?. 2001 , 40, 1012-20	337

1029	Development and Disorders of Neurocognitive Systems for Oral Language and Reading. 2001 , 24, 205-215	15
1028	Neuroimaging and intellectual disabilities. 2001 , 252-266	
1027	Brain anatomy, gender and IQ in children and adolescents with fragile X syndrome. 2001 , 124, 1610-8	141
1026	Advanced magnetic resonance imaging techniques in perinatal brain injury. 2001 , 80, 7-14	13
1025	Risks of young age for selected neurocognitive deficits in medulloblastoma are associated with white matter loss. 2001 , 19, 472-9	251
1024	Patterns of intellectual development among survivors of pediatric medulloblastoma: a longitudinal analysis. 2001 , 19, 2302-8	306
1023	Improved memory functioning and frontal lobe maturation between childhood and adolescence: a structural MRI study. 2001 , 7, 312-22	285
1022	Remote memory for public figures in Alzheimer's disease: relationships to regional cortical and limbic brain volumes. 2001 , 7, 384-90	10
1021	Sex-specific developmental changes in amygdala responses to affective faces. 2001 , 12, 427-33	207
1020	Mapping continued brain growth and gray matter density reduction in dorsal frontal cortex: Inverse relationships during postadolescent brain maturation. 2001 , 21, 8819-29	751
1019	When human walking becomes random walking: fractal analysis and modeling of gait rhythm fluctuations. 2001 , 302, 138-47	156
1018	Aging alters regional multichemical profile of the human brain: an in vivo 1H-MRS study of young versus middle-aged subjects. 2001 , 76, 582-93	62
1017	Heritability of hippocampal size in elderly twin men: equivalent influence from genes and environment. 2001 , 11, 754-62	158
1016	Improved cerebrovascular patency following therapy in patients with sickle cell disease: initial results in 4 patients who received HLA-identical hematopoietic stem cell allografts. 2001 , 49, 222-9	35
1015	Longitudinal genetic analysis of EEG coherence in young twins. 2001 , 31, 637-51	33
1014	Stability of genetic and environmental influences on P300 amplitude: a longitudinal study in adolescent twins. 2001 , 31, 533-43	53
1013	Brain volume changes on longitudinal magnetic resonance imaging in normal older people. 2001 , 11, 393-400	72
1012	Functional brain development in humans. 2001 , 2, 475-83	752

1011	Structural brain abnormalities in patients with schizophrenia, epilepsy, and epilepsy with chronic interictal psychosis. 2001 , 108, 1-15	43
1010	Evidence for a mechanistic model of cognitive control. 2001 , 1, 267-282	124
1009	Prefrontal gray matter volume reduction in first episode schizophrenia. 2001 , 11, 374-81	102
1008	Age-related volumetric changes of brain gray and white matter in healthy infants and children. 2001 , 11, 335-42	212
1007	Differential effects of age on brain gray matter in bipolar patients and healthy individuals. 2001 , 43, 242-7	78
1006	Mapping adolescent brain change reveals dynamic wave of accelerated gray matter loss in very early-onset schizophrenia. 2001 , 98, 11650-5	634
1005	Sex differences in the effects of alcohol on brain structure. 2001 , 158, 188-97	170
1004	Studies of brain and cognitive maturation through childhood and adolescence: a strategy for testing neurodevelopmental hypotheses. 2001 , 27, 443-55	90
1003	Age-related changes in frontal and temporal lobe volumes in men: a magnetic resonance imaging study. 2001 , 58, 461-5	510
1002	Progressive brain volume changes and the clinical course of schizophrenia in men: a longitudinal magnetic resonance imaging study. 2001 , 58, 148-57	347
1001	Equivalent disruption of regional white matter microstructure in ageing healthy men and women. 2001 , 12, 99-104	313
1000	Quantitative genetic modeling of variation in human brain morphology. 2001 , 11, 816-24	234
999	Sex differences in brain maturation during childhood and adolescence. 2001 , 11, 552-7	512
998	Brain volume changes in first-episode schizophrenia: a 1-year follow-up study. 2002 , 59, 1002-10	327
997	Estimating cerebral atrophy in multiple sclerosis patients from various MR pulse sequences. 2002 , 8, 420-9	20
996	Measurement of atrophy in multiple sclerosis: pathological basis, methodological aspects and clinical relevance. 2002 , 125, 1676-95	422
995	Sex differences in cerebral tissue volume and cognitive performance during adolescence. 2002 , 91, 743-57	38
994	The neurogenetics of mucopolipidosis type IV. 2002 , 59, 306-13	145

993	Brain atrophy in clinically early relapsing-remitting multiple sclerosis. 2002 , 125, 327-37	369
992	Relation of medial temporal lobe volumes to age and memory function in nondemented adults with Down's syndrome: implications for the prodromal phase of Alzheimer's disease. 2002 , 159, 74-81	90
991	Degenerative age changes in white matter connectivity visualized in vivo using magnetic resonance imaging. 2002 , 12, 767-71	62
990	Volume changes in gray matter in patients with schizophrenia. 2002 , 159, 244-50	172
989	Selective reduction of N-acetylaspartate in medial temporal and parietal lobes in AD. 2002 , 58, 928-35	118
988	Differential rates of regional brain change in callosal and ventricular size: a 4-year longitudinal MRI study of elderly men. 2002 , 12, 438-45	117
987	Ventricular and periventricular structural volumes in first- versus multiple-episode bipolar disorder. 2002 , 159, 1841-7	300
986	Mapping sulcal pattern asymmetry and local cortical surface gray matter distribution in vivo: maturation in perisylvian cortices. 2002 , 12, 17-26	171
985	Neuropsychology and temporal lobe epilepsy. 2002 , 7, 343-8	19
984	In vivo magnetic resonance spectroscopy and its application to neuropsychiatric disorders. 2002 , 47, 315-26	112
983	The aging brain: morphology, imaging and function. 2002 , 195-209	
982	Aging and dementia: principles, evaluation and diagnosis. 2002 , 237-251	1
981	Temporal lobe volume changes in people at high risk of schizophrenia with psychotic symptoms. 2002 , 181, 138-143	31
980	PET imaging and quantitation of Internet-addicted patients and normal controls. 2002 , 4683, 419	1
979	The distribution of structural neuropathology in pre-clinical Huntington's disease. 2002 , 125, 1815-28	222
978	Brain morphology associated with obstructive sleep apnea. 2002 , 166, 1382-7	448
977	Brain Region and Sex Differences in Age Association With Brain Volume: A Quantitative MRI Study of Healthy Young Adults. 2002 , 10, 72-80	56
976	Structural brain abnormalities in patients with schizophrenia and 22q11 deletion syndrome. 2002 , 51, 208-15	91

975	Neurodevelopmental patterns of visual P3b in association with familial risk for alcohol dependence and childhood diagnosis. 2002 , 51, 621-31	51
974	Paracingulate morphologic differences in males with established schizophrenia: a magnetic resonance imaging morphometric study. 2002 , 52, 15-23	132
973	Brain maturation may be arrested in chronic cocaine addicts. 2002 , 51, 605-11	73
972	Smaller frontal lobe white matter volumes in depressed adolescents. 2002 , 52, 413-7	99
971	Correlation of white matter diffusivity and anisotropy with age during childhood and adolescence: a cross-sectional diffusion-tensor MR imaging study. 2002 , 222, 212-8	351
970	A voxel-based morphometric study of ageing in 465 normal adult human brains.	27
969	Neuroimaging Applications in Elderly Patients. 2002 , 10, 5-11	1
968	Neurodevelopmental aspects of spatial navigation: a virtual reality fMRI study. 2002 , 15, 396-406	93
967	Microstructural but not macrostructural disruption of white matter in women with chronic alcoholism. 2002 , 15, 708-18	185
966	Genetic contributions to regional variability in human brain structure: methods and preliminary results. 2002 , 17, 256-71	176
965	The feasibility of a common stereotactic space for children and adults in fMRI studies of development. 2002 , 17, 184-200	291
964	Voxel-based morphometry reveals increased gray matter density in Broca's area in male symphony orchestra musicians. 2002 , 17, 1613-22	257
963	The effects of normal aging on sleep spindle and K-complex production. 2002 , 113, 1615-22	174
962	Immature frontal lobe contributions to cognitive control in children: evidence from fMRI. 2002 , 33, 301-11	1048
961	Evoked potential components unique to non-REM sleep: relationship to evoked K-complexes and vertex sharp waves. 2002 , 46, 257-74	57
960	Ethical issues in the clinical application of fMRI: factors affecting the validity and interpretation of activations. 2002 , 50, 482-97	54
959	Quantitative genetic modeling of regional brain volumes and cognitive performance in older male twins. 2002 , 61, 139-55	68
958	Maturation of brain function associated with response inhibition. 2002 , 41, 1231-8	428

957	Advances in postnatal neuroimaging: relevance to pathogenesis and treatment of brain injury. 2002 , 29, 827-56	45
956	Developmental psychopharmacology. 2002 , 38-69	1
955	The segmented regional volumes of the cerebrum and cerebellum in boys with Tourette syndrome. 2002 , 17, 530-6	29
954	Anatomy of the Aging Brain. 25-43	
953	Temporal lobe volume changes in people at high risk of schizophrenia with psychotic symptoms. 2002 , 181, 138-43	97
952	Schizophrenia: breakdown in the well-regulated lifelong process of brain development and maturation. 2002 , 27, 672-83	139
951	MR signal intensity of gray matter/white matter contrast and intracranial fat: effects of age and sex. 2002 , 114, 149-61	4
950	Normal neuroanatomical variation in the human brain: an MRI-volumetric study. 2002 , 118, 341-58	256
949	The reproducibility and sensitivity of brain tissue volume measurements derived from an SPM-based segmentation methodology. 2002 , 15, 259-67	126
948	Diffusion tensor imaging and aging - a review. 2002 , 15, 553-60	256
947	Cerebellar volumes in newly diagnosed and chronic epilepsy. 2002 , 249, 1651-8	45
946	An examination of evoked K-complex amplitude and frequency of occurrence in the elderly. 2002 , 11, 129-40	61
945	The effects of alcoholism on auditory evoked potentials during sleep. 2002 , 11, 247-53	25
944	The neurodevelopmental impact of childhood-onset temporal lobe epilepsy on brain structure and function. 2002 , 43, 1062-71	217
943	Automated segmentation of multispectral brain MR images. 2002 , 122, 13-23	46
942	Monitoring brain development with quantitative diffusion tensor imaging. 2002 , 5, 286-292	15
941	Retrospective self-reports of childhood accidents causing unconsciousness in phallometrically diagnosed pedophiles. 2002 , 31, 511-26	81
940	Short-term dietary interventions in children and adolescents with treated phenylketonuria: effects on neuropsychological outcome of a well-controlled population. 2002 , 25, 419-30	40

939	Frontal lobe and cognitive development. 2002 , 31, 373-85		557
938	Correlations between orbitofrontal dysfunction and tobacco smoking. 2002 , 7, 381-4		56
937	Enhancing brain and cognitive function of older adults through fitness training. 2003 , 20, 213-21		79
936	Relationship between drug use and prefrontal-associated traits. 2003 , 8, 67-74		48
935	Cognitieve functies van kinderen behandeld voor kanker. 2003 , 7, 32-43		
934	Normalized regional brain atrophy measurements in multiple sclerosis. 2003 , 45, 793-8		19
933	The normal appearing grey matter in primary progressive multiple sclerosis: a magnetisation transfer imaging study. 2003 , 250, 67-74		104
932	In aging, is it gray or white?. 2003 , 462, 139-43		49
931	Increased brain white matter diffusivity in normal adult aging: relationship to anisotropy and partial voluming. 2003 , 49, 953-61		230
930	Normative pediatric brain data for spatial normalization and segmentation differs from standard adult data. 2003 , 50, 749-57		131
929	Neurocognitive late effects in pediatric cancer. 2003 , 27, 177-97		111
928	The growth of cat cerebral cortex in postnatal life: a magnetic resonance imaging study. 2003 , 18, 1797-806		6
927	Compromised pontocerebellar and cerebellothalamocortical systems: speculations on their contributions to cognitive and motor impairment in nonamnestic alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2003 , 27, 1409-19	3,7	154
926	Helping children apply their knowledge to their behavior on a dimension-switching task. 2003 , 6, 449-467		343
925	Brain maturation and subtypes of conduct disorder: interactive effects on p300 amplitude and topography in male adolescents. 2003 , 42, 106-15		66
924	Dysregulated brain development in adult men with schizophrenia: a magnetic resonance imaging study. 2003 , 53, 412-21		101
923	Deformation-based surface morphometry applied to gray matter deformation. 2003 , 18, 198-213		223
922	Neurodevelopmental vulnerability of the corpus callosum to childhood onset localization-related epilepsy. 2003 , 18, 284-92		53

921	Sexual dimorphism and asymmetries in the gray-white composition of the human cerebrum. 2003 , 18, 880-94	319
920	Comparison of functional activation foci in children and adults using a common stereotactic space. 2003 , 19, 16-28	266
919	Bright spots: correlations of gray matter volume with IQ in a normal pediatric population. 2003 , 20, 202-15	177
918	A longitudinal study of brain morphometrics using quantitative magnetic resonance imaging and difference image analysis. 2003 , 20, 22-33	143
917	Neuroanatomical Correlates of Dreaming, III: The Frontal-Lobe Controversy (Dream Censorship). 2003 , 5, 159-169	21
916	Diffusion tensor imaging in normal aging and neuropsychiatric disorders. 2003 , 45, 244-55	125
915	Volume and Atrophy. 533-558	0
914	Progressive structural brain abnormalities and their relationship to clinical outcome: a longitudinal magnetic resonance imaging study early in schizophrenia. 2003 , 60, 585-94	444
913	Cognitive Plasticity and Aging. 2003 , 43, 267-302	11
912	Semilobar holoprosencephaly with midline 'seam': a topologic and morphogenetic model based upon MRI analysis. 2003 , 13, 1299-312	21
911	Motor function under lower and higher controlled processing demands in early and continuously treated phenylketonuria. 2003 , 17, 369-79	52
910	Neuropsychological deficits associated with Alzheimer's disease in the very-old: discrepancies in raw vs. standardized scores. 2003 , 9, 783-95	29
909	Compounded brain volume deficits in schizophrenia-alcoholism comorbidity. 2003 , 60, 245-52	83
908	Brain volumes, RBC status, and hepatic function in alcoholics after 1 and 4 weeks of sobriety: predictors of outcome. 2004 , 161, 1190-6	36
907	Thinning of the cerebral cortex in aging. 2004 , 14, 721-30	1282
906	Human cortical dysplasia and epilepsy: an ontogenetic hypothesis based on volumetric MRI and NeuN neuronal density and size measurements. 2005 , 15, 194-210	54
905	Mapping changes in the human cortex throughout the span of life. 2004 , 10, 372-92	408
904	Predicting rtPA associated ICH in acute stroke. 2004 , 35, 2762; author reply 2762-3	0

903	Is perimesencephalic nonaneurysmal hemorrhage of venous origin?. 2004 , 35, 2753-4; author reply 2754	5
902	Aspirin for stroke prevention taken in the evening?. 2004 , 35, 2760-1; author reply 2761-2	10
901	Longitudinal mapping of cortical thickness and brain growth in normal children. 2004 , 24, 8223-31	1141
900	Surgery versus stenting: how medical device makers influence patient care. 2004 , 35, 2759-60	
899	Size does matter in the long run: hippocampal and cortical volume predict recall across weeks. 2004 , 63, 1193-7	50
898	Posterior brain ERP patterns related to the go/no-go task in children. 2004 , 41, 882-92	46
897	Memory and executive function in older adults: relationships with temporal and prefrontal gray matter volumes and white matter hyperintensities. 2004 , 42, 1313-35	156
896	Relationship between hippocampal volume and memory ability in healthy individuals across the lifespan: review and meta-analysis. 2004 , 42, 1394-413	454
895	Parallel interhemispheric processing in aging and alcoholism: relation to corpus callosum size. 2004 , 42, 257-71	53
894	Mechanisms underlying fatigue: a voxel-based morphometric study of chronic fatigue syndrome. 2004 , 4, 14	147
893	Cortical gray matter volumes are associated with subjective responses to cocaine infusion. 2004 , 13, 64-73	12
892	The genetic basis of problem behavior in 5-year-old dutch twin pairs. 2004 , 34, 229-42	45
891	Structural magnetic resonance imaging of the adolescent brain. 2004 , 1021, 77-85	1079
890	Trajectories of alcohol use and electrophysiological and morphological indices of brain development: distinguishing causes from consequences. 2004 , 1021, 245-59	35
889	The emergence of collaborative brain function: FMRI studies of the development of response inhibition. 2004 , 1021, 296-309	363
888	Trajectories of adolescent emotional and cognitive development: effects of sex and risk for drug use. 2004 , 1021, 363-70	42
887	Significance of adolescent neurodevelopment for the neural circuitry of bipolar disorder. 2004 , 1021, 376-83	87
886	The relationship between inflammation and atrophy in clinically isolated syndromes suggestive of multiple sclerosis: a monthly MRI study after triple-dose gadolinium-DTPA. 2004 , 251, 432-9	59

885	Sensitivity and reproducibility of a new fast 3D segmentation technique for clinical MR-based brain volumetry in multiple sclerosis. 2004 , 46, 906-15	41
884	Application of statistical parametric mapping to SPET in the assessment of intractable childhood epilepsy. 2004 , 31, 369-77	9
883	Diffusion anisotropy in subcortical white matter and cortical gray matter: changes with aging and the role of CSF-suppression. 2004 , 20, 216-27	184
882	[Diffusion tensor MR imaging of the brain. Clinical applications]. 2004 , 85, 287-96	17
881	Oligodendroglial density in the prefrontal cortex in schizophrenia and mood disorders: a study from the Stanley Neuropathology Consortium. 2004 , 67, 269-75	527
880	Prefrontal cortical thickness in first-episode psychosis: a magnetic resonance imaging study. 2004 , 55, 131-40	64
879	Abnormal cortical folding in high-risk individuals: a predictor of the development of schizophrenia?. 2004 , 56, 182-9	96
878	Male-specific volume expansion of the human hippocampus during adolescence. 2005 , 15, 187-93	97
877	Maturation of white matter is associated with the development of cognitive functions during childhood. 2004 , 16, 1227-33	587
876	Growth of the human brain and skull slows down at about 2.5 years old. 2004 , 3, 397-402	8
875	Development of orbitofrontal function: current themes and future directions. 2004 , 55, 1-10	199
874	Neural basis of emotional self-regulation in childhood. 2004 , 129, 361-9	144
873	Voxel-based morphometry of human brain with age and cerebrovascular risk factors. 2004 , 25, 455-63	148
872	A review of the evidence for P2 being an independent component process: age, sleep and modality. 2004 , 115, 732-44	546
871	Postmortem MR imaging of formalin-fixed human brain. 2004 , 21, 1585-95	150
870	Delayed myelination in children with developmental delay detected by volumetric MRI. 2004 , 22, 897-903	42
869	Comparison of sustained and transient activity in children and adults using a mixed blocked/event-related fMRI design. 2004 , 22, 975-85	37
868	Semiautomatic brain region extraction: a method of parcellating brain regions from structural magnetic resonance images. 2004 , 22, 1492-502	76

867	Development of "hot" executive function: the children's gambling task. 2004 , 55, 148-57	314
866	Autobiographical memory and the self in time: brain lesion effects, functional neuroanatomy, and lifespan development. 2004 , 55, 54-68	160
865	Charting the maturation of the frontal lobe: an electrophysiological strategy. 2004 , 55, 116-33	198
864	Effects of age and sex on volumes of the thalamus, pons, and cortex. 2004 , 25, 185-92	166
863	Morphological changes in aging brain structures are differentially affected by time-linked environmental influences despite strong genetic stability. 2004 , 25, 175-83	59
862	Age-related decline in striatal volume in rhesus monkeys: assessment of long-term calorie restriction. 2004 , 25, 193-200	22
861	Imaging cerebral atrophy: normal ageing to Alzheimer's disease. 2004 , 363, 392-4	297
860	Nicotinamide attenuates focal ischemic brain injury: meta-analysis or mechanism of protection. 2004 , 35, 2757-8; author reply 2758-9	1
859	Contrast ultrasound techniques in the detection and quantification of patent foramen ovale: myth versus reality. 2004 , 35, 2755; author reply 2755-6	7
858	ACE and subarachnoid hemorrhage: strategies for genetics of stroke. 2004 , 35, 2752-3; author reply 2753	2
857	Intravenous Magnesium for Neuroprotection in Acute Stroke: Clinical Hope Versus Basic Neuropharmacology. 2004 , 35, 2758-2759	8
856	Image processing: global and regional changes with age. 2004 , 15, 349-53	6
855	White matter hyperintensities: pearls and pitfalls in interpretation of MRI abnormalities. 2004 , 35, 2756-7; author reply 2757	7
854	Dissociation of remote and anterograde memory impairment and neural correlates in alcoholic Korsakoff syndrome. 2004 , 10, 427-41	44
853	Normal brain maturation characterized with age-related T2 relaxation times: an attempt to develop a quantitative imaging measure for clinical use. 2004 , 39, 740-6	72
852	The human adolescent brain and alcohol use disorders. 2005 , 17, 177-97	31
851	Robust fast automatic skull stripping of MRI-T2 data. 2005 ,	0
850	Early and late life cognitive activity and cognitive systems in old age. 2005 , 11, 400-407	178

849	Age-related changes in prefrontal white matter measured by diffusion tensor imaging. 2005 , 1064, 37-49		224
848	Discordant changes in cortical TrkC mRNA and protein during the human lifespan. 2005 , 21, 2433-44		26
847	Retinal abnormalities in human albinism translate into a reduction of grey matter in the occipital cortex. 2005 , 22, 2475-80		47
846	The development of nonverbal working memory and executive control processes in adolescents. 2005 , 76, 697-712		400
845	Applications of morphometric and diffusion tensor magnetic resonance imaging to the study of brain abnormalities in the alcoholism spectrum. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 159-166	3.7	3
844	Prefrontal cortex, thalamus, and cerebellar volumes in adolescents and young adults with adolescent-onset alcohol use disorders and comorbid mental disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1590-600	3.7	291
843	Fetal and infant head circumference sexual dimorphism in primates. 2005 , 126, 97-110		19
842	Brain maturation and its relevance to understanding criminal culpability of juveniles. 2005 , 7, 292-6		11
841	Sleep EEG evidence of sex differences in adolescent brain maturation. 2005 , 28, 637-43		46
840	Clinical aspects of normal aging. 2005 , 383-395		
839	Brain Atrophy as a Measure of Neurodegeneration and Neuroprotection. 2005 , 201-214		1
838	Normative estimates of cross-sectional and longitudinal brain volume decline in aging and AD. 2005 , 64, 1032-9		390
837	Disruption of brain white matter microstructure by excessive intracellular and extracellular fluid in alcoholism: evidence from diffusion tensor imaging. 2005 , 30, 423-32		180
836	Developmental changes in human cerebral functional organization for word generation. 2005 , 15, 275-90		337
835	Cross-sectional and longitudinal analyses of anatomical sulcal changes associated with aging. 2006 , 16, 1584-94		79
834	Selective atrophy of left hemisphere and frontal lobe of the brain in old men. 2005 , 60, 165-74		11
833	The utility of the growth hormone (GH) releasing hormone-arginine test for diagnosing GH deficiency in adults with childhood acute lymphoblastic leukemia treated with cranial irradiation. 2005 , 90, 6048-54		36
832	Neuronal network formation in human cerebral cortex. 2005 , 147, 1-14		10

831	Mood in relation to subclinical obsessive-compulsive symptoms. 2005 , 115, 433-43	20
830	White matter development during childhood and adolescence: a cross-sectional diffusion tensor imaging study. 2005 , 15, 1848-54	629
829	Influence of an early-onset age of type 1 diabetes on cerebral structure and cognitive function. 2005 , 28, 1431-7	177
828	Neurocognitive outcomes in survivors of childhood cancer. 2005 , 30, 51-63	190
827	Diseases of white matter and schizophrenia-like psychosis. 2005 , 39, 746-56	57
826	Cortical thickness of the frontopolar area in typically developing children and adolescents. 2005 , 24, 948-54	111
825	Program for Assisted Labeling of Sulcal Regions (PALS): description and reliability. 2005 , 24, 398-416	11
824	Increased MEG activation in OCD reflects a compensatory mechanism specific to the phase of a visual working memory task. 2005 , 24, 1180-91	32
823	Age- and sex-related effects on the neuroanatomy of healthy elderly. 2005 , 26, 900-11	231
822	Age-related structural changes in the young adult brain shown by magnetic resonance diffusion tensor imaging. 2005 , 12, 268-75	21
821	Mapping cortical thickness and gray matter concentration in first episode schizophrenia. 2005 , 15, 708-19	331
820	Structural neuroimaging in adolescents with a first psychotic episode. 2005 , 44, 1151-7	33
819	[Correlation between cranial vault size and brain size over time: preliminary MRI evaluation]. 2005 , 32, 131-7	3
818	Structural MRI and brain development. 2005 , 67, 285-323	73
817	Brain volumes in healthy adults aged 40 years and over: a voxel-based morphometry study. 2005 , 17, 329-36	46
816	An independent components analysis (ICA) approach to the study of developmental differences in the saccadic contingent negative variation. 2005 , 70, 105-14	23
815	Cognitive correlates of 1H MRS measures in the healthy elderly brain. 2005 , 66, 9-16	34
814	Development of interlaminar astroglial processes in the cerebral cortex of control and Down's syndrome human cases. 2005 , 193, 207-17	27

813	Mapping brain maturation and cognitive development during adolescence. 2005 , 9, 60-8	913
812	Imaging the developing brain: what have we learned about cognitive development?. 2005 , 9, 104-10	1036
811	Measures of brain morphology and infarction in the framingham heart study: establishing what is normal. 2005 , 26, 491-510	495
810	Preservation of hippocampal volume throughout adulthood in healthy men and women. 2005 , 26, 1093-8	87
809	Effects of age on volumes of cortex, white matter and subcortical structures. 2005 , 26, 1261-70; discussion 1275-8	477
808	Normal neuroanatomical variation due to age: the major lobes and a parcellation of the temporal region. 2005 , 26, 1245-60; discussion 1279-82	404
807	Striatal and forebrain nuclei volumes: contribution to motor function and working memory deficits in alcoholism. 2005 , 57, 768-76	111
806	Meta-analysis of the time-course of brain volume reduction in schizophrenia: implications for pathogenesis and early treatment. 2005 , 73, 221-8	75
805	Regional striatal volume abnormalities in schizophrenia: effects of comorbidity for alcoholism, recency of alcoholic drinking, and antipsychotic medication type. 2005 , 79, 189-200	23
804	Steroids and brain atrophy in multiple sclerosis. 2005 , 233, 73-81	31
803	The choroid plexus-cerebrospinal fluid system: from development to aging. 2005 , 71, 1-52	235
802	Assessment of hot and cool executive function in young children: age-related changes and individual differences. 2005 , 28, 617-44	446
801	Structure-function correlates of cognitive decline in aging. 2006 , 16, 907-15	327
800	MRI-based volumetry of head compartments: normative values of healthy adults. 2006 , 30, 1-11	95
799	The NIH MRI study of normal brain development. 2006 , 30, 184-202	408
798	Functional imaging of developmental and adaptive changes in neurocognition. 2006 , 30, 679-91	61
797	Functional MRI evidence for disparate developmental processes underlying intelligence in boys and girls. 2006 , 31, 1366-79	82
796	Contribution of alcoholism to brain dysmorphology in HIV infection: effects on the ventricles and corpus callosum. 2006 , 33, 239-51	64

795	The relationship between frontal gray matter volume and cognition varies across the healthy adult lifespan. 2006 , 14, 823-33	136
794	Age, rapid-cycling, and pharmacotherapy effects on ventral prefrontal cortex in bipolar disorder: a cross-sectional study. 2006 , 59, 611-8	150
793	Prospective memory performance across adolescence. 2006 , 167, 179-88	23
792	Cerebral cortex: an MRI-based study of volume and variance with age and sex. 2006 , 13, 60-72	83
791	Age effects on atrophy rates of entorhinal cortex and hippocampus. 2006 , 27, 733-40	168
790	Dysmorphology and microstructural degradation of the corpus callosum: Interaction of age and alcoholism. 2006 , 27, 994-1009	167
789	Horizontal saccade dynamics across the human life span. 2006 , 47, 2478-84	149
788	A cognitive vulnerability-stress perspective on bipolar spectrum disorders in a normative adolescent brain, cognitive, and emotional development context. 2006 , 18, 1055-103	57
787	Implications of MR contrast standardization on image computing. 2006 , 6144, 2104	
786	Age-related changes in prefrontal white matter volume across adolescence. 2006 , 17, 1427-31	40
785	Corpus callosum size and neuropsychologic impairment in adolescents who were born preterm. 2006 , 21, 406-10	68
784	Prefrontal cortex: typical and atypical development. 128-162	13
783	Age and Second Language Acquisition and Processing: A Selective Overview. 2006 , 56, 9-49	258
782	Longitudinal magnetic resonance imaging study of rhesus monkey brain development. 2006 , 24, 3204-12	84
781	Brain development during puberty: state of the science. 2006 , 9, 11-4	58
780	Development of the adolescent brain: implications for executive function and social cognition. 2006 , 47, 296-312	1360
779	The Psychobiology of Maltreatment in Childhood. 2006 , 62, 717-736	124
778	Longitudinal brain magnetic resonance imaging study of the alcohol-preferring rat. Part I: adult brain growth. <i>Alcoholism: Clinical and Experimental Research</i> , 2006 , 30, 1234-47	3-7 35

777	Longitudinal brain magnetic resonance imaging study of the alcohol-preferring rat. Part II: effects of voluntary chronic alcohol consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 2006 , 30, 1248-51	22
776	Adult survivors of childhood acute lymphoblastic leukaemia with GH deficiency have normal self-rated quality of life but impaired neuropsychological performance 20 years after cranial irradiation. 2006 , 65, 617-25	21
775	Neuropathological, neurogenetic and neuroimaging evidence for white matter pathology in schizophrenia. 2006 , 30, 918-48	119
774	Diffusion tensor imaging and aging. 2006 , 30, 749-61	443
773	Development of letter-specific processing: the effect of reading ability. 2006 , 122, 99-108	25
772	Voxel-based morphometry demonstrates reduced grey matter density on brain MRI in patients with diabetic retinopathy. 2006 , 49, 2474-80	137
771	Sex differences in the relationship between white matter microstructure and impulsivity in adolescents. 2006 , 24, 833-41	50
770	Advances in white matter imaging: a review of in vivo magnetic resonance methodologies and their applicability to the study of development and aging. 2006 , 30, 762-74	210
769	Apolipoprotein E variants and cognition in healthy individuals: a critical opinion. 2006 , 51, 125-35	34
768	Evolution of brain size and juvenile periods in primates. 2006 , 51, 480-9	50
767	What have we learned about cognitive development from neuroimaging?. 2006 , 44, 2149-57	225
766	Development of a superior frontal-intraparietal network for visuo-spatial working memory. 2006 , 44, 2171-7	263
765	Cognitive processes in the development of TOL performance. 2006 , 44, 2259-69	98
764	Effects of cerebrovascular risk factors on gray matter volume in adults aged 60-64 years: a voxel-based morphometric study. 2006 , 147, 105-14	27
763	Postnatal growth and morphological development of the brain: a species comparison. 2006 , 77, 471-84	167
762	Characterization of cortical thickness and ventricular width in normal aging: a morphometric study at 3 Tesla. 2006 , 24, 513-9	27
761	Ontogeny of facial dimorphism and patterns of individual development within one human population. 2006 , 131, 432-43	146
760	Changes in white matter late after severe traumatic brain injury in childhood. 2006 , 28, 302-8	36

759	Effect of vision, touch and stance on cerebellar vermal-related sway and tremor: a quantitative physiological and MRI study. 2006 , 16, 1077-86	75
758	Altered brain activity in healthy seniors: what does it mean?. 2006 , 157, 45-56	58
757	Brain volume in first-episode schizophrenia: systematic review and meta-analysis of magnetic resonance imaging studies. 2006 , 188, 510-8	664
756	Unconscious processing of facial affect in children and adolescents. 2007 , 2, 28-47	66
755	Scholastic achievements of children with brain tumors at the end of comprehensive education: a nationwide, register-based study. 2007 , 69, 296-305	46
754	Neuroradiological characterization of normal adult ageing. 2007 , 80 Spec No 2, S99-108	75
753	Limbic structures and networks in children and adolescents with schizophrenia. 2008 , 34, 18-29	51
752	Neuropsychological functioning in adolescent marijuana users: subtle deficits detectable after a month of abstinence. 2007 , 13, 807-20	222
751	Social outcomes in childhood brain disorder: a heuristic integration of social neuroscience and developmental psychology. 2007 , 133, 535-56	323
750	Science and the juvenile death penalty. 241-254	
749	Mind does really matter: evidence from neuroimaging studies of emotional self-regulation, psychotherapy, and placebo effect. 2007 , 81, 218-36	173
748	Structural MRI covariance patterns associated with normal aging and neuropsychological functioning. 2007 , 28, 284-95	100
747	Age and gender effects on human brain anatomy: a voxel-based morphometric study in healthy elderly. 2007 , 28, 1075-87	253
746	Neuron number decreases in the rat ventral, but not dorsal, medial prefrontal cortex between adolescence and adulthood. 2007 , 144, 961-8	164
745	Cognitive profile in childhood myotonic dystrophy type 1: is there a global impairment?. 2007 , 17, 451-8	41
744	How do typically developing children grasp the meaning of verbal irony?. 2007 , 20, 178-196	103
743	The NIH MRI study of normal brain development (Objective-2): newborns, infants, toddlers, and preschoolers. 2007 , 35, 308-25	151
742	3D pattern of brain abnormalities in Fragile X syndrome visualized using tensor-based morphometry. 2007 , 34, 924-38	66

741	Diffusion tensor imaging-based tissue segmentation: validation and application to the developing child and adolescent brain. 2007 , 34, 1497-505	54
740	Grey matter correlates of early psychotic symptoms in adolescents at enhanced risk of psychosis: a voxel-based study. 2007 , 35, 1181-91	42
739	Evidence for cervical cord tissue disorganisation with aging by diffusion tensor MRI. 2007 , 36, 728-35	47
738	Sex differences in regional gray matter in healthy individuals aged 44-48 years: a voxel-based morphometric study. 2007 , 36, 691-9	180
737	The evolving role of structural and functional imaging in assessment of age-related changes in the body. 2007 , 37, 64-8	5
736	From genes to brain: understanding brain development in neurogenetic disorders using neuroimaging techniques. 2007 , 16, 557-79	23
735	Sex differences in cortical thickness mapped in 176 healthy individuals between 7 and 87 years of age. 2007 , 17, 1550-60	527
734	Evidence of subcortical and cortical aging of the acoustic pathway: a diffusion tensor imaging (DTI) study. 2007 , 14, 692-700	24
733	The Science of Sex Differences in Science and Mathematics. 2007 , 8, 1-51	629
732	MRI brain volume abnormalities in young, nonpsychotic relatives of schizophrenia probands are associated with subsequent prodromal symptoms. 2007 , 96, 1-13	34
731	Cerebellar volume in offspring from multiplex alcohol dependence families. 2007 , 61, 41-7	69
730	Increased prefrontal gyrification in a large high-risk cohort characterizes those who develop schizophrenia and reflects abnormal prefrontal development. 2007 , 62, 722-9	97
729	Regional gray matter growth, sexual dimorphism, and cerebral asymmetry in the neonatal brain. 2007 , 27, 1255-60	326
728	Superior temporal gyrus, language function, and autism. 2007 , 31, 217-38	287
727	Electrophysiological and hemodynamic evidence for late maturation of hand power grip and force control under visual feedback. <i>Human Brain Mapping</i> , 2007 , 28, 69-84	5.9 31
726	Brain maturation in adolescence: concurrent changes in neuroanatomy and neurophysiology. <i>Human Brain Mapping</i> , 2007 , 28, 228-37	5.9 243
725	Ageing and the brain. 2007 , 211, 181-7	134
724	Neural correlates of movement preparation in healthy ageing. 2008 , 27, 254-60	50

723	Development of cortical and subcortical brain structures in childhood and adolescence: a structural MRI study. 2007 , 44, 4-16	31
722	Measuring brain atrophy in multiple sclerosis. 2007 , 17 Suppl 1, 10S-15S	45
721	Local-global interference is modulated by age, sex and anterior corpus callosum size. 2007 , 1142, 189-205	53
720	Emotional and cognitive changes during adolescence. 2007 , 17, 251-7	491
719	Temperament theory and the study of cognition–emotion interactions across development. 2007 , 27, 396-427	72
718	Effects of alcohol and combined marijuana and alcohol use during adolescence on hippocampal volume and asymmetry. 2007 , 29, 141-52	214
717	Vulnerability of the orbitofrontal cortex to age-associated structural and functional brain changes. 2007 , 1121, 562-75	46
716	Global and local development of gray and white matter volume in normal children and adolescents. 2007 , 178, 296-307	119
715	[Primary central nervous system degeneration in elderly patients. Characteristic imaging features]. 2007 , 47, 1117-25	
714	Developmental pattern changes of prefrontal efferents in the juvenile gerbil (<i>Meriones unguiculatus</i>). 2007 , 114, 1377-93	2
713	Brain volumetrics to investigate aging and the principal forms of degenerative cognitive decline: a brief review. 2008 , 26, 1065-70	24
712	Neuropsychological contributions to the early identification of Alzheimer’s disease. 2008 , 18, 73-90	134
711	Le développement du cerveau et les patterns de conduites typiques pendant l’adolescence (1re partie). 2008 , 6, 149-154	1
710	Aging alters the multichemical networking profile of the human brain: an in vivo ¹ H-MRS study of young versus middle-aged subjects. 2008 , 77, 292-303	2
709	Neurodevelopmental impact on children treated for medulloblastoma: a review and proposed conceptual model. 2008 , 14, 203-10	91
708	The neurocognitive phenotype in velo-cardio-facial syndrome: a developmental perspective. 2008 , 14, 43-51	67
707	Decrease in glucose metabolism in frontal cortex associated with deterioration of microstructure of corpus callosum measured by diffusion tensor imaging in healthy elderly. <i>Human Brain Mapping</i> , 2008 , 29, 375-84	5.9 16
706	Toluene misuse and long-term harms: a systematic review of the neuropsychological and neuroimaging literature. 2008 , 32, 910-26	124

705	Why do many psychiatric disorders emerge during adolescence?. 2008 , 9, 947-57	1825
704	Chronic pain is associated with brain volume loss in older adults: preliminary evidence. 2008 , 9, 240-8	113
703	Special section: alcohol and adolescent brain development. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 427-9	3·7 7
702	Relationship between white matter volume and cognitive performance during adolescence: effects of age, sex and risk for drug use. 2008 , 103, 1509-20	23
701	Brain aging modulates the neuroprotective effects of estrogen on selective aspects of cognition in women: a critical review. 2008 , 29, 88-113	226
700	Myelination progression in language-correlated regions in brain of normal children determined by quantitative MRI assessment. 2008 , 72, 1751-63	42
699	The teen brain: insights from neuroimaging. 2008 , 42, 335-43	526
698	Aging in the CNS: comparison of gray/white matter volume and diffusion tensor data. 2008 , 29, 102-16	188
697	Aging, gender, and the elderly adult brain: an examination of analytical strategies. 2008 , 29, 290-302	82
696	Brain tissue volumes in the general elderly population. The Rotterdam Scan Study. 2008 , 29, 882-90	152
695	An MRI study of age-related white and gray matter volume changes in the rhesus monkey. 2008 , 29, 1563-75	55
694	Investigating the neuropsychological and neuroanatomical changes that occur over the first 2-3 years of illness in patients with first-episode schizophrenia. 2008 , 32, 531-8	32
693	Neurodevelopmental basis of bipolar disorder: a critical appraisal. 2008 , 32, 1617-27	88
692	Relationship of temporal lobe volumes to neuropsychological test performance in healthy children. 2008 , 68, 171-9	7
691	Development of eye-movement control. 2008 , 68, 293-308	211
690	Changes in white matter microstructure during adolescence. 2008 , 39, 52-61	238
689	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. 2008 , 40, 672-684	239
688	Age effects on hippocampal structural changes in old men: the HAAS. 2008 , 40, 1003-15	30

687	Voxel-based analysis derived from fractional anisotropy images of white matter volume changes with aging. 2008 , 41, 657-67	97
686	Default-mode function and task-induced deactivation have overlapping brain substrates in children. 2008 , 41, 1493-503	118
685	T1rho MRI of Alzheimer's disease. 2008 , 41, 1199-205	59
684	The relationship between diffusion tensor imaging and volumetry as measures of white matter properties. 2008 , 42, 1654-68	127
683	Cortical development in brown capuchin monkeys: a structural MRI study. 2008 , 43, 657-64	22
682	Neuroimaging studies of normal brain development and their relevance for understanding childhood neuropsychiatric disorders. 2008 , 47, 1233-51	168
681	Brain atrophy assessment in multiple sclerosis: importance and limitations. 2008 , 18, 675-86, xi	57
680	Neurodevelopment and executive function in autism. 2008 , 20, 1103-32	154
679	Development of the social brain during adolescence. 2008 , 61, 40-9	112
678	Developmental disruptions in neural connectivity in the pathophysiology of schizophrenia. 2008 , 20, 1297-327	114
677	The neural bases of obsessive-compulsive disorder in children and adults. 2008 , 20, 1251-83	215
676	Maturation changes in anterior cingulate and frontoparietal recruitment support the development of error processing and inhibitory control. 2008 , 18, 2505-22	209
675	Gender differences in brain development in Chinese children and adolescents: a structural MRI study. 2008 ,	
674	A structural MRI study of human brain development from birth to 2 years. 2008 , 28, 12176-82	725
673	Reward-related processing in the human brain: developmental considerations. 2008 , 20, 1191-211	97
672	Increase in prefrontal cortical volume following cognitive behavioural therapy in patients with chronic fatigue syndrome. 2008 , 131, 2172-80	178
671	Evolution of different MRI measures in patients with active relapsing-remitting multiple sclerosis over 2 and 5 years: a case-control study. 2008 , 79, 407-14	64
670	Development of children's mental representations: effects of age, sex, and school experience. 2008 , 106, 241-50	6

669	Magnetic resonance imaging detects and predicts early brain injury after subarachnoid hemorrhage in a canine experimental model. 2008 , 25, 1099-106	22
668	Grey matter abnormalities in trichotillomania: morphometric magnetic resonance imaging study. 2008 , 193, 216-21	83
667	Imaging of the Developing Brain. 2008 , 5, 23-31	
666	Multivariate longitudinal statistics for neonatal-pediatric brain tissue development. 2008 ,	1
665	3D MR Models and Volumetric Measurements of the Brain in Patients with Alzheimer's Disease. 2008 , 21, 611-7	
664	Diffusion tensor imaging in mild cognitive impairment and Alzheimer's disease: a review. 2008 , 21, 83-92	213
663	Mapping brain maturation and sexual dimorphism in adolescence. 92-115	2
662	The Nature of Infantile Amnesia. 2008 , 287-297	1
661	Structural MR Imaging Studies of the Brain in Children: Issues and Opportunities. 2008 , 5, 6-13	7
660	Neuropsychological processes. 1-3	
659	Developmental neuropsychology: normative trajectories and risk for psychiatric illness. 4-14	1
658	DTI in Development and Aging. 2009 , 205-236	6
657	Morphological development of the brain: what has imaging told us?. 5-21	5
656	Correlation of diffusion tensor imaging with executive function measures after early childhood traumatic brain injury. 2009 , 2, 273-83	28
655	Linking white and grey matter in schizophrenia: oligodendrocyte and neuron pathology in the prefrontal cortex. 2009 , 3, 9	59
654	The effects of normal aging on myelinated nerve fibers in monkey central nervous system. 2009 , 3, 11	130
653	BDNF Val66Met polymorphism influences age differences in microstructure of the Corpus Callosum. 2009 , 3, 19	34
652	Diffusion MR imaging in neuropsychiatry and aging. 593-617	1

651	Neuropsychological assessment of dementia. 2009 , 60, 257-82		260
650	Developmental changes in cognitive control through adolescence. 2009 , 37, 233-78		240
649	Mapping brain development during childhood, adolescence and young adulthood. 2009 ,		
648	Progression of brain volume changes in adolescent-onset psychosis. 2009 , 35, 233-43		41
647	Human Intelligence and Medical Illness. 2009 ,		5
646	Measuring compensation and its plasticity across the lifespan. 2009 , 27, 421-33		17
645	High consistency of regional cortical thinning in aging across multiple samples. 2009 , 19, 2001-12		475
644	The Neuropsychology of Women. <i>Science & Practice Perspectives / A Publication of the National Institute on Drug Abuse, National Institutes of Health</i> , 2009 ,		1
643	White matter integrity in adolescents with histories of marijuana use and binge drinking. 2009 , 31, 349-55		152
642	The maturation of incentive processing and cognitive control. 2009 , 93, 212-21		170
641	Functional consequences of marijuana use in adolescents. 2009 , 92, 559-65		118
640	No volume difference of medulla oblongata between young and old Korean people. 2009 , 1276, 77-82		17
639	Gray and white matter brain volumes in older adults with bipolar disorder. 2009 , 24, 1445-52		14
638	Detecting brain growth patterns in normal children using tensor-based morphometry. <i>Human Brain Mapping</i> , 2009 , 30, 209-19	5.9	66
637	Age-related microstructural changes in subcortical white matter during postadolescent periods in men revealed by diffusion-weighted MR imaging. <i>Human Brain Mapping</i> , 2009 , 30, 3142-50	5.9	3
636	T(2) relaxometry of normal pediatric brain development. 2009 , 29, 258-67		67
635	Neuroimaging assessment of memory-related brain structures in a rat model of acute space-like radiation. 2009 , 29, 785-92		6
634	Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings. 2009 , 3, 167-175		58

633	Experience-dependent plasticity of cerebellar vermis in basketball players. 2009 , 8, 334-9	71
632	Comparative reliability of total intracranial volume estimation methods and the influence of atrophy in a longitudinal semantic dementia cohort. 2009 , 19, 37-46	81
631	Prefrontal cortex morphometry in abstinent adolescent marijuana users: subtle gender effects. 2009 , 14, 457-68	131
630	Rules of social exchange: game theory, individual differences and psychopathology. 2009 , 33, 305-13	80
629	The influence of substance use on adolescent brain development. 2009 , 40, 31-8	325
628	Human Puberty: Physiology, Progression, and Genetic Regulation of Variation in Onset. 2009 , 2113-2134	0
627	Normal brain aging clinical, immunological, neuropsychological, and neuroimaging features. 2009 , 84, 1-19	43
626	Opposing effects of age and reading ability on pseudoword priming. 2009 , 24, 80-87	2
625	Current advances in lesion-symptom mapping of the human cerebellum. 2009 , 162, 836-51	64
624	Whole brain size and general mental ability: a review. 2009 , 119, 691-731	151
623	Disruption of orbitofrontal cortex laterality in offspring from multiplex alcohol dependence families. 2009 , 65, 129-36	80
622	Changes in long term neural connectivity following psychological trauma. 2009 , 120, 309-14	28
621	Differential relationship of frontal pole and whole brain volumetric measures with age in neuroleptic-naïve schizophrenia and healthy subjects. 2009 , 109, 148-58	13
620	White matter integrity predicts delay discounting behavior in 9- to 23-year-olds: a diffusion tensor imaging study. 2009 , 21, 1406-21	143
619	Is activity regulation of late myelination a plastic mechanism in the human nervous system?. 2009 , 5, 29-34	53
618	Challenges of functional imaging research of pain in children. 2009 , 5, 30	15
617	Cerebral maturation in adolescence: behavioral vulnerability. 2009 , 35 Suppl 6, S182-9	32
616	Regional white matter volume differences in nondemented aging and Alzheimer's disease. 2009 , 44, 1247-58	225

615	The effect of template choice on morphometric analysis of pediatric brain data. 2009 , 45, 769-77	109
614	Cognitive function and brain structure correlations in healthy elderly East Asians. 2009 , 46, 257-69	78
613	Age-related grey matter changes in preterm infants: an MRI study. 2009 , 47, 1148-53	44
612	Aging of subcortical nuclei: microstructural, mineralization and atrophy modifications measured in vivo using MRI. 2009 , 48, 29-36	138
611	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. 2009 , 48, 21-8	197
610	Brain Development. 2009 ,	8
609	Developmental changes in the human sleep EEG during early adolescence. 2010 , 33, 801-9	96
608	On two equations about brain volume, cranial capacity and age. 2010 , 32, 989-95	11
607	Age-related changes in regional brain volume evaluated by atlas-based method. 2010 , 52, 865-73	30
606	Modeling brain tissue volumes over the lifespan: quantitative analysis of postmortem weights and in vivo MR images. 2010 , 28, 716-20	7
605	Age-related changes of elements and relationships among elements in human hippocampus, dentate gyrus, and fornix. 2010 , 138, 42-52	10
604	MR diffusion tensor imaging: a window into white matter integrity of the working brain. 2010 , 20, 209-25	169
603	Adolescent brain development and the risk for alcohol and other drug problems. 2010 , 20, 398-413	322
602	The basics of brain development. 2010 , 20, 327-48	943
601	Abnormal cerebellar morphometry in abstinent adolescent marijuana users. 2010 , 182, 152-9	105
600	Hippocampal activity during the transverse patterning task declines with cognitive competence but not with age. 2010 , 11, 113	11
599	Imaging biomarkers in multiple sclerosis. 2010 , 31, 770-88	102
598	Neurobehavioral evidence for changes in dopamine system activity during adolescence. 2010 , 34, 631-48	198

597	Effects of ethanol on hippocampal function during adolescence: a look at the past and thoughts on the future. 2010 , 44, 3-14	38
596	Early expansion of the intracranial CSF volume after palliative whole-brain radiotherapy: results of a longitudinal CT segmentation analysis. 2010 , 76, 1171-6	7
595	Cognitive outcome following unilateral arterial ischaemic stroke in childhood: effects of age at stroke and lesion location. 2010 , 52, 386-93	151
594	From Perceptual Categories to Concepts: What Develops?. 2010 , 34, 1244-1286	119
593	Structural imaging of schizophrenia. 1-29	1
592	Brain Development. 2010 ,	2
591	The elderly as a sensitive population in environmental exposures: making the case. 2010 , 207, 95-157	24
590	Everyday memory: self-perception and structural brain correlates in a healthy elderly population. 2010 , 16, 1115-26	10
589	The Developmental Relations among Mind, Brain and Education. 2010 ,	6
588	Atlas selection strategy for automatic segmentation of pediatric brain MRIs into 83 ROIs. 2010 ,	4
587	Network-level structural covariance in the developing brain. 2010 , 107, 18191-6	281
586	Neural plasticity, human genetics, and risk for alcohol dependence. 2010 , 91, 53-94	25
585	Maturational trajectories of cortical brain development through the pubertal transition: unique species and sex differences in the monkey revealed through structural magnetic resonance imaging. 2010 , 20, 1053-63	77
584	White matter development in adolescence: a DTI study. 2010 , 20, 2122-31	348
583	Physiological and focal cerebellar substrates of abnormal postural sway and tremor in alcoholic women. 2010 , 67, 44-51	33
582	Neuromagnetic imaging of movement-related cortical oscillations in children and adults: age predicts post-movement beta rebound. 2010 , 51, 792-807	128
581	Age-related changes in grey and white matter structure throughout adulthood. 2010 , 51, 943-51	336
580	Longitudinal changes in cortical thickness associated with normal aging. 2010 , 52, 1215-23	220

579	Selective effects of aging on brain white matter microstructure: a diffusion tensor imaging tractography study. 2010 , 52, 1190-201	113
578	Normal development of brain circuits. 2010 , 35, 147-68	761
577	Brain maturation in adolescence and young adulthood: regional age-related changes in cortical thickness and white matter volume and microstructure. 2010 , 20, 534-48	544
576	Regulatory brain development: balancing emotion and cognition. 2010 , 5, 533-42	54
575	Developmental changes in cerebral grey and white matter volume from infancy to adulthood. 2010 , 28, 481-9	84
574	Forming intentions successfully: Differential compensational mechanisms of adolescents and old adults. 2010 , 46, 575-89	12
573	White matter development during adolescence as shown by diffusion MRI. 2010 , 72, 16-25	172
572	Electrophysiological changes during adolescence: a review. 2010 , 72, 86-100	170
571	Adolescent brain development: current themes and future directions. Introduction to the special issue. 2010 , 72, 1-5	37
570	Longitudinal brain volumes in children with intractable partial seizures. 2010 , 42, 315-9	4
569	Quantitative fiber tracking of lateral and interhemispheric white matter systems in normal aging: relations to timed performance. 2010 , 31, 464-81	248
568	Sleep evoked delta frequency responses show a linear decline in amplitude across the adult lifespan. 2010 , 31, 874-83	44
567	Cognition in healthy aging is related to regional white matter integrity, but not cortical thickness. 2010 , 31, 1912-26	128
566	Developmental changes in brain connectivity assessed using the sleep EEG. 2010 , 171, 622-34	49
565	Longitudinal study of cognition among adolescent marijuana users over three weeks of abstinence. 2010 , 35, 970-6	161
564	How the primate fornix is affected by age. 2010 , 518, 3962-80	44
563	Longitudinal changes in grey and white matter during adolescence. 2010 , 49, 94-103	302
562	Estimating the age of healthy subjects from T1-weighted MRI scans using kernel methods: exploring the influence of various parameters. 2010 , 50, 883-92	424

561	Preservation of cell structures in a medieval infant brain: a paleohistological, paleogenetic, radiological and physico-chemical study. 2010 , 50, 893-901	31
560	Prenatal Development of the Human Fetal Telencephalon. 2010 , 81-146	1
559	Reviews of Environmental Contamination and Toxicology Volume 207. 2010 ,	
558	Brain Development and CNS Plasticity. 2010 , 319-338	1
557	Recommendations for Revision of the DSM Diagnosis of Gender Identity Disorder in Adolescents. 2010 , 12, 75-79	5
556	Ischemic stroke in the elderly: an overview of evidence. 2010 , 6, 256-65	161
555	Longitudinal study of callosal microstructure in the normal adult aging brain using quantitative DTI fiber tracking. 2010 , 35, 233-56	115
554	Postnatal brain development: structural imaging of dynamic neurodevelopmental processes. 2011 , 189, 77-92	71
553	The prefrontal-limbic system: development, neuroanatomy, function, and implications for socioemotional development. 2011 , 38, 685-702	36
552	Relationship of amyloid- β burden with age-at-onset in Alzheimer disease. 2011 , 19, 627-34	23
551	Craniometric measures during development using MRI. 2011 , 56, 1855-64	19
550	Developmental change in regional brain structure over 7 months in early adolescence: comparison of approaches for longitudinal atlas-based parcellation. 2011 , 57, 214-224	50
549	Unbiased average age-appropriate atlases for pediatric studies. 2011 , 54, 313-27	1208
548	Chronic alcohol consumption impairs visuo-spatial associative memory in periadolescent rhesus monkeys. 2011 , 114, 31-40	21
547	Comparative study of the sensitivity of ADC value and T ₂ relaxation time for early detection of Wallerian degeneration. 2011 , 79, 118-23	5
546	Developing connections for affective regulation: age-related changes in emotional brain connectivity. 2011 , 108, 607-20	145
545	Task switching and shifting between stopping and going: Developmental change in between-trial control adjustments. 2011 , 108, 484-503	22
544	Prematurity affects cortical maturation in early childhood. 2011 , 45, 213-9	24

543	Schizophrenia: susceptibility genes, dendritic-spine pathology and gray matter loss. 2011 , 95, 275-300	85
542	Age-related reorganization of functional networks for successful conflict resolution: a combined functional and structural MRI study. 2011 , 32, 2075-90	30
541	Chronic variable physical stress during the peripubertal-juvenile period causes differential depressive and anxiogenic effects in the novelty-seeking phenotype: functional implications for hippocampal and amygdalar brain-derived neurotrophic factor and the mossy fibre plasticity. 2011 , 192, 334-44	23
540	Understanding aberrant white matter development in schizophrenia: an avenue for therapy?. 2011 , 11, 971-87	45
539	Consistent neuroanatomical age-related volume differences across multiple samples. 2011 , 32, 916-32	356
538	Structural Brain Magnetic Resonance Imaging of Typically Developing Children and Adolescents. 23-40	2
537	Measures of neurological impairment and disability in multiple sclerosis. 56-64	
536	Measurement of CNS atrophy. 128-149	1
535	Topographic differences in the adolescent maturation of the slow wave EEG during NREM sleep. 2011 , 34, 325-33	42
534	Human Brain Myelination Trajectories Across the Life Span: Implications for CNS Function and Dysfunction. 2011 , 333-346	6
533	Brain Development during Childhood and Adolescence. 2011 ,	
532	Epidemiological aspects of stroke in very old patients. 2011 , 11, 2-5	8
531	The case for an elderly targeted stroke management. <i>Frontiers in Neurology</i> , 2011 , 2, 89	4.1 3
530	Correlations among brain gray matter volumes, age, gender, and hemisphere in healthy individuals. 2011 , 6, e22734	92
529	Differential development of human brain white matter tracts. 2011 , 6, e23437	55
528	Development of the Adolescent Brain: Neuroethical Implications for the Understanding of Executive Function and Social Cognition. 2011 ,	4
527	Longitudinal whole-brain N-acetylaspartate concentration in healthy adults. <i>American Journal of Neuroradiology</i> , 2011 , 32, 1011-5	4.4 17
526	Making Sense of Autism Spectrum Disorders. 2011 , 32, 168	

525	Lessons about neurodevelopment from anatomical magnetic resonance imaging. 2011 , 32, 158-68		43
524	Adolescents at risk for alcohol abuse demonstrate altered frontal lobe activation during Stroop performance. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 218-28	3-7	64
523	Stress-induced activation of the HPA axis predicts connectivity between subgenual cingulate and salience network during rest in adolescents. 2011 , 52, 1026-34		53
522	Binding of sights and sounds: age-related changes in multisensory temporal processing. 2011 , 49, 461-7		115
521	Cerebellum volume in high-risk offspring from multiplex alcohol dependence families: association with allelic variation in GABRA2 and BDNF. 2011 , 194, 304-313		40
520	Restraint of appetite and reduced regional brain volumes in anorexia nervosa: a voxel-based morphometric study. 2011 , 11, 179		84
519	Intracranial cerebrospinal fluid spaces imaging using a pulse-triggered three-dimensional turbo spin echo MR sequence with variable flip-angle distribution. 2011 , 21, 402-10		14
518	Early brain injury and plasticity: Reorganization and functional Recovery. 2011 , 2,		10
517	Sleep and sleep disorders in older adults. 2011 , 21, 41-53		309
516	Changes in sleep as a function of adolescent development. 2011 , 21, 5-21		220
515	Structural organization of the prefrontal white matter pathways in the adult and aging brain measured by diffusion tensor imaging. 2011 , 216, 417-31		26
514	Influence of brain-derived neurotrophic-factor and apolipoprotein E genetic variants on hippocampal volume and memory performance in healthy young adults. 2011 , 118, 249-57		82
513	[Normal aging and imaging correlations]. 2011 , 51, 266-72		2
512	The developing brain: from theory to neuroimaging and back. <i>Developmental Cognitive Neuroscience</i> , 2011 , 1, 101-9	5-5	89
511	Amygdala and hippocampus volumetry and diffusivity in relation to dreaming. <i>Human Brain Mapping</i> , 2011 , 32, 1458-70	5-9	50
510	Delayed alternation in adolescent and adult male and female rats. 2011 , 53, 724-31		28
509	Framework for sex differences in adolescent neurobiology: a focus on cannabinoids. 2011 , 35, 1740-51		45
508	The cerebellar development in chinese children-a study by voxel-based volume measurement of reconstructed 3D MRI scan. 2011 , 69, 80-3		8

507	Quantitative assessment of brain stem and cerebellar atrophy in spinocerebellar ataxia types 3 and 6: impact on clinical status. <i>American Journal of Neuroradiology</i> , 2011 , 32, 890-7	4-4	43
506	Endoplasmic reticulum quality control and dysmyelination. 2011 , 2, 261-74		2
505	Expression of GABA signaling molecules KCC2, NKCC1, and GAD1 in cortical development and schizophrenia. 2011 , 31, 11088-95		228
504	Hippocampal atrophy relates to fluid intelligence decline in the elderly. 2011 , 17, 56-61		24
503	Sulcal morphology differences between mild cognitive impairment patients and normal elderly subjects. 2011 ,		
502	Cerebral volumetric analysis over time in children with malformations of cortical development: a quantitative investigation. 2011 , 26, 171-8		1
501	Neurodevelopmental biology associated with childhood sexual abuse. 2011 , 20, 548-87		94
500	Neurocognitive and family functioning and quality of life among young adult survivors of childhood brain tumors. 2011 , 25, 942-62		34
499	Morphological and Functional Development of the Auditory Nervous System. 2012 , 61-105		31
498	Neurodevelopmental functioning in very young children undergoing treatment for non-CNS cancers. 2012 , 37, 660-73		23
497	Structural angle and power images reveal interrelated gray and white matter abnormalities in schizophrenia. 2012 , 2012, 735249		6
496	White matter integrity is associated with cognitive processing in patients treated for a posterior fossa brain tumor. 2012 , 14, 1185-93		60
495	Parcellation in left lateral parietal cortex is similar in adults and children. 2012 , 22, 1148-58		30
494	Auditory sequence analysis and phonological skill. 2012 , 279, 4496-504		31
493	The endocannabinoid system in critical neurodevelopmental periods: sex differences and neuropsychiatric implications. 2012 , 26, 164-76		77
492	Potential moderators of physical activity on brain health. 2012 , 2012, 948981		24
491	The relationship of age, gender, and IQ with the brainstem and thalamus in healthy children and adolescents: a magnetic resonance imaging volumetric study. 2012 , 27, 325-31		21
490	Magnetic resonance imaging of the neonatal piglet brain. 2012 , 71, 179-84		21

489	Processing speed and executive abilities in children with phenylketonuria. 2012 , 26, 735-43		22
488	Age group and sex differences in performance on a computerized neurocognitive battery in children age 8-21. 2012 , 26, 251-265		325
487	The Evolution of Human Brain Development. 2012 , 39, 568-586		54
486	A mouse model for adolescent alcohol abuse: stunted growth and effects in brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 1728-37	3-7	6
485	Efficiency of responding to unexpected information varies with sex, age, and pubertal development in early adolescence. 2012 , 49, 1330-9		20
484	Brain development during the preschool years. 2012 , 22, 313-33		194
483	Interactions between age, sex, and hormones in experimental ischemic stroke. 2012 , 61, 1255-65		62
482	Cortico-cerebellar abnormalities in adolescents with heavy marijuana use. 2012 , 202, 224-32		23
481	Nonlinear time course of brain volume loss in cognitively normal and impaired elders. 2012 , 33, 845-55		61
480	Maximal brain size remains an important predictor of cognition in old age, independent of current brain pathology. 2012 , 33, 1758-68		36
479	Tracing the development of psychosis and its prevention: what can be learned from animal models. 2012 , 62, 1273-89		89
478	Cognitive flexibility and theory of mind outcomes among foster children: preschool follow-up results of a randomized clinical trial. 2012 , 51, S17-22		96
477	Brain oscillatory complexity across the life span. 2012 , 123, 2154-62		33
476	Regional brain structural dysmorphology in human immunodeficiency virus infection: effects of acquired immune deficiency syndrome, alcoholism, and age. 2012 , 72, 361-70		74
475	Altered development of the dorsolateral prefrontal cortex in chromosome 22q11.2 deletion syndrome: an in vivo proton spectroscopy study. 2012 , 72, 684-91		16
474	Toward a better understanding of the savant brain. 2012 , 53, 706-17		17
473	White matter development in adolescence: the influence of puberty and implications for affective disorders. <i>Developmental Cognitive Neuroscience</i> , 2012 , 2, 36-54	5-5	103
472	Brain tissue volumes in the general population of the elderly: the AGES-Reykjavik study. 2012 , 59, 3862-3870		67

471	Imaging brain development: the adolescent brain. 2012 , 61, 397-406	324
470	Sex differences in amygdala subregions: evidence from subregional shape analysis. 2012 , 60, 2054-61	31
469	Neurological soft signs and gray matter changes: a longitudinal analysis in first-episode schizophrenia. 2012 , 134, 27-32	56
468	Human prefrontal cortex: evolution, development, and pathology. 2012 , 195, 191-218	189
467	Normal Neurocognitive Aging. 2012 ,	3
466	Human Auditory Development. 2012 ,	11
465	Stereological evaluation of the volume and volume fraction of newborns' brain compartment and brain in magnetic resonance images. 2012 , 34, 825-32	4
464	Adolescent brain development and underage drinking in the United States: identifying risks of alcohol use in college populations. 2012 , 20, 189-200	48
463	Estrogen and Cognitive Aging in Women: The Critical Period Hypothesis. 2012 , 535-550	1
462	The parametric, psychological, neuropsychological, and neuroanatomical properties of self and world evaluation. 2012 , 7, e31509	3
461	Reduced gray to white matter tissue intensity contrast in schizophrenia. 2012 , 7, e37016	17
460	Neural network development in late adolescents during observation of risk-taking action. 2012 , 7, e39527	14
459	Brain development in childhood. 2012 , 6, 103-10	9
458	Shifting imaging targets in multiple sclerosis: from inflammation to neurodegeneration. 2012 , 36, 1-19	41
457	The pubertal-related decline in cellular proliferation and neurogenesis in the dentate gyrus of male rats is independent of the pubertal rise in gonadal hormones. 2012 , 72, 743-52	18
456	Brain structure anomalies in autism spectrum disorder--a meta-analysis of VBM studies using anatomic likelihood estimation. <i>Human Brain Mapping</i> , 2012 , 33, 1470-89	5.9 194
455	Postnatal development of the amygdala: A stereological study in macaque monkeys. 2012 , 520, 1965-84	46
454	Age-related differences in emotional reactivity, regulation, and rejection sensitivity in adolescence. 2012 , 12, 1235-47	247

453	Brain structure and aging in chronic temporal lobe epilepsy. 2012 , 53, 1033-43		34
452	Neurocognitive development in preterm infants: insights from different approaches. 2012 , 36, 536-55		37
451	Voxel-based analysis of regional gray and white matter concentration in high myopia. 2012 , 58, 45-50		13
450	Oligodendrocyte responses to buprenorphine uncover novel and opposing roles of Ebpioid- and nociceptin/orphanin FQ receptors in cell development: implications for drug addiction treatment during pregnancy. 2012 , 60, 125-36		37
449	Repeatability of measured brain volume by atlas-based method using T1-weighted image. 2012 , 25, 173-8		4
448	Linear and curvilinear correlations of brain gray matter volume and density with age using voxel-based morphometry with the Akaike information criterion in 291 healthy children. <i>Human Brain Mapping</i> , 2013 , 34, 1857-71	5.9	22
447	Effects of age on prefrontal subregions and hippocampal volumes in young and middle-aged healthy humans. <i>Human Brain Mapping</i> , 2013 , 34, 2129-40	5.9	12
446	Cerebral small vessel disease in aging and Alzheimer's disease: a comparative study using MRI and SPECT. 2013 , 20, 243-50		35
445	Brain aging in humans, chimpanzees (<i>Pan troglodytes</i>), and rhesus macaques (<i>Macaca mulatta</i>): magnetic resonance imaging studies of macro- and microstructural changes. 2013 , 34, 2248-60		70
444	The Development and Validation of a Neuropsychological Assessment for Mild Cognitive Impairment of Filipino Older Adults. 2013 , 38, 271-327		
443	Imaging of the entire cerebrospinal fluid volume with a multistation 3D SPACE MR sequence: feasibility study in patients with hydrocephalus. 2013 , 23, 1450-8		24
442	Processing speed, attention, and working memory after treatment for medulloblastoma: an international, prospective, and longitudinal study. 2013 , 31, 3494-500		133
441	BOLD response to working memory not related to cortical thickness during early adolescence. 2013 , 1537, 59-68		14
440	A role for synaptic plasticity in the adolescent development of executive function. 2013 , 3, e238		218
439	A mechanism of rapidly reversible cerebral ventricular enlargement independent of tissue atrophy. 2013 , 38, 1121-9		26
438	Maternal Influences on Social and Neural Development in Macaque Monkeys. 2013 , 259-279		40
437	Regional infant brain development: an MRI-based morphometric analysis in 3 to 13 month olds. 2013 , 23, 2100-17		54
436	Clinical use of brain volumetry. 2013 , 37, 1-14		73

435	What is special about the adolescent (JME) brain?. 2013 , 28 Suppl 1, S45-51		9
434	Periadolescent ethanol vapor exposure persistently reduces measures of hippocampal neurogenesis that are associated with behavioral outcomes in adulthood. 2013 , 244, 1-15		63
433	Cortical gray-matter thinning is associated with age-related improvements on executive function tasks. <i>Developmental Cognitive Neuroscience</i> , 2013 , 6, 61-71	5.5	79
432	The long-term effects of prenatal nicotine exposure on response inhibition: an fMRI study of young adults. 2013 , 39, 9-18		15
431	The effect of daclizumab on brain atrophy in relapsing-remitting multiple sclerosis. 2013 , 2, 133-140		23
430	Hippocampal and entorhinal cortex volume decline in cognitively intact elderly. 2013 , 211, 31-6		18
429	Volumetric analysis of medial temporal lobe structures in brain development from childhood to adolescence. 2013 , 74, 276-87		70
428	Sex differences in decreased limbic and cortical grey matter volume in cocaine dependence: a voxel-based morphometric study. 2013 , 18, 147-60		43
427	Development of cortical anatomical properties from early childhood to early adulthood. 2013 , 76, 216-24		53
426	Developmental patterns of chimpanzee cerebral tissues provide important clues for understanding the remarkable enlargement of the human brain. 2013 , 280, 20122398		35
425	Bottom up modeling of the connectome: linking structure and function in the resting brain and their changes in aging. 2013 , 80, 318-29		56
424	Critical ages in the life course of the adult brain: nonlinear subcortical aging. 2013 , 34, 2239-47		240
423	Regional brain injury on conventional and diffusion weighted MRI is associated with outcome after pediatric cardiac arrest. 2013 , 19, 31-40		21
422	Advanced magnetic resonance imaging in pediatric multiple sclerosis. 2013 , 23, 337-54		6
421	Abnormal white matter correlates with neuropsychological impairment in children with localization-related epilepsy. 2013 , 54, 1065-73		31
420	Variation in longitudinal trajectories of regional brain volumes of healthy men and women (ages 10 to 85 years) measured with atlas-based parcellation of MRI. 2013 , 65, 176-93		160
419	Neuronal correlates of the five factor model (FFM) of human personality: Multimodal imaging in a large healthy sample. 2013 , 65, 194-208		163
418	Pediatric population-based neuroimaging and the Generation R Study: the intersection of developmental neuroscience and epidemiology. 2013 , 28, 99-111		80

417	Depression and Alzheimer's disease: novel postmortem brain studies reveal a possible common mechanism. 2013 , 37, 611-21		12
416	A case of hyperthymia: rethinking the role of the amygdala in autobiographical memory. 2013 , 19, 166-81		28
415	Effects of T2-Weighted MRI Based Cranial Volume Measurements on Studies of the Aging Brain. 2013 , 8669,		4
414	Longitudinal MRI reveals altered trajectory of brain development during childhood and adolescence in fetal alcohol spectrum disorders. 2013 , 33, 10098-109		100
413	Structural Brain Development. 2013 , 207-230		2
412	Peri-adolescent ethanol vapor exposure produces reductions in hippocampal volume that are correlated with deficits in prepulse inhibition of the startle. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1466-75	3-7	33
411	MR Spectroscopy of Pediatric Brain Disorders. 2013 ,		10
410	VII. NIH Toolbox Cognition Battery (CB): factor structure for 3 to 15 year olds. 2013 , 78, 103-18		30
409	Spectral changes in spontaneous MEG activity across the lifespan. 2013 , 10, 066006		37
408	Long-term cognitive sequelae: abused children without PTSD. 2013 , 2, 1-5		23
407	New understanding of adolescent brain development: relevance to transitional healthcare for young people with long term conditions. 2013 , 98, 902-7		87
406	Visual search and the aging brain: discerning the effects of age-related brain volume shrinkage on alertness, feature binding, and attentional control. 2013 , 27, 48-59		27
405	The Neuroscience of Emotion Regulation. 2013 ,		6
404	2.5 Schlafzyklus und Entwicklung. 2013 ,		
403	Effect of Bcl-2 rs956572 polymorphism on age-related gray matter volume changes. 2013 , 8, e56663		9
402	Dosage considerations for transcranial direct current stimulation in children: a computational modeling study. 2013 , 8, e76112		137
401	Working memory performance and neural activity in prefrontal cortex of peripubertal monkeys. 2013 , 110, 2648-60		17
400	Brain volumetric correlates of autism spectrum disorder symptoms in attention deficit/hyperactivity disorder. 2014 , 9, e101130		18

399	Traumatic intracranial hemorrhage correlates with preinjury brain atrophy, but not with antithrombotic agent use: a retrospective study. 2014 , 9, e109473		21
398	Brain structural correlates of risk-taking behavior and effects of peer influence in adolescents. 2014 , 9, e112780		22
397	Effects of Drug Exposure on Development. 2014 ,		
396	Gender-specific impact of personal health parameters on individual brain aging in cognitively unimpaired elderly subjects. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 94	5-3	56
395	The Effects of Age and Sex on Brain Volume. 2014 , 32, 1477-1483		3
394	MRI of the Brain. 2014 , 99-114		1
393	Age-dependent changes in prefrontal intrinsic connectivity. 2014 , 111, 3853-8		22
392	White matter correlates of sensory processing in autism spectrum disorders. 2014 , 6, 379-87		38
391	Age-related changes in tissue signal properties within cortical areas important for word understanding in 12- to 19-month-old infants. 2014 , 24, 1948-55		16
390	Context in Computing. 2014 ,		8
389	Preliminary structural MRI based brain classification of chronic pelvic pain: A MAPP network study. 2014 , 155, 2502-2509		58
388	Resting gamma power is linked to reading ability in adolescents. 2014 , 17, 86-93		9
387	Changes to memory structures in children treated for posterior fossa tumors. 2014 , 20, 168-80		48
386	The Neurobiology of Childhood. 2014 ,		1
385	White matter integrity in alcohol-naive youth with a family history of alcohol use disorders. <i>Psychological Medicine</i> , 2014 , 44, 2775-86	6.9	18
384	Diffusion Tensor Imaging in the Study of Aging and Age-Associated Neural Disease. 2014 , 257-281		7
383	Heavy alcohol use, marijuana use, and concomitant use by adolescents are associated with unique and shared cognitive decrements. 2014 , 20, 784-95		69
382	Regional specificity of sex effects on subcortical volumes across the lifespan in healthy aging. <i>Human Brain Mapping</i> , 2014 , 35, 238-47	5.9	56

381	Developmental stages and sex differences of white matter and behavioral development through adolescence: a longitudinal diffusion tensor imaging (DTI) study. 2014 , 92, 356-68	270
380	Age-related increase of resting metabolic rate in the human brain. 2014 , 98, 176-83	66
379	GABAergic contributions to alcohol responsivity during adolescence: insights from preclinical and clinical studies. 2014 , 143, 197-216	16
378	Epigenetic mechanisms in pubertal brain maturation. 2014 , 264, 17-24	58
377	Database of normal Japanese gray matter volumes in the default mode network. 2014 , 39, 132-42	3
376	Developmental imaging genetics: linking dopamine function to adolescent behavior. 2014 , 89, 27-38	57
375	Accelerated aging of selective brain structures in human immunodeficiency virus infection: a controlled, longitudinal magnetic resonance imaging study. 2014 , 35, 1755-68	88
374	Comparative primate neuroimaging: insights into human brain evolution. 2014 , 18, 46-55	133
373	The heritability of volumes of brain structures and its relationship to age: a review of twin and family studies. 2014 , 13, 1-9	39
372	Oxidative stress and genetic markers of suboptimal antioxidant defense in the aging brain: a theoretical review. 2014 , 25, 805-19	67
371	Cortical response variability as a developmental index of selective auditory attention. 2014 , 17, 175-86	13
370	Monkeys that voluntarily and chronically drink alcohol damage their brains: a longitudinal MRI study. 2014 , 39, 823-30	38
369	Atypical frontal-striatal-thalamic circuit white matter development in pediatric obsessive-compulsive disorder. 2014 , 53, 1225-33, 1233.e1-9	13
368	Aging with multiple sclerosis: cognitive, emotional and neuropathological considerations. 2014 , 4, 187-94	6
367	Age-related effects in the neocortical organization of chimpanzees: gray and white matter volume, cortical thickness, and gyrification. 2014 , 101, 59-67	29
366	Surface-based morphometry of the cortical architecture of autism spectrum disorders: volume, thickness, area, and gyrification. 2014 , 62, 1-10	60
365	Prenatal cocaine effects on brain structure in early infancy. 2014 , 101, 114-23	44
364	Chronic periadolescent alcohol consumption produces persistent cognitive deficits in rhesus macaques. 2014 , 86, 78-87	7

363	Structural imaging measures of brain aging. 2014 , 24, 271-89	144
362	Alcohol and the sleeping brain. 2014 , 125, 415-31	72
361	The effect of alcohol use on human adolescent brain structures and systems. 2014 , 125, 501-10	104
360	Brain volume reductions in adolescent heavy drinkers. <i>Developmental Cognitive Neuroscience</i> , 2014 , 9, 117-25	5.5 93
359	Diffusion properties of major white matter tracts in young, typically developing children. 2014 , 88, 143-54	65
358	Substance abuse risk in emerging adults associated with smaller frontal gray matter volumes and higher externalizing behaviors. 2014 , 137, 68-75	28
357	Sickle cell anemia: intracranial stenosis and silent cerebral infarcts in children with low risk of stroke. 2014 , 59, 108-13	17
356	Course of depression and anxiety symptoms during the transition to parenthood for female adolescents with histories of victimization. 2014 , 38, 1160-70	28
355	Dissociation of preparatory attention and response monitoring maturation during adolescence. 2014 , 125, 962-70	10
354	Structural brain imaging in children and adolescents following prenatal cocaine exposure: preliminary longitudinal findings. 2014 , 36, 316-28	15
353	The opioid system and brain development: effects of methadone on the oligodendrocyte lineage and the early stages of myelination. 2014 , 36, 409-21	73
352	Biomarkers and neurodevelopment in perinatally HIV-infected or exposed youth: a structural equation model analysis. 2014 , 28, 355-64	24
351	Left hippocampus-amygdala complex macro- and microstructural variation is associated with BDNF plasma levels in healthy elderly individuals. 2015 , 5, e00334	8
350	Conceptual Development. 2015 , 1-50	2
349	Cognitive Neuroscience and the Prefrontal Cortex: Normative Development and Vulnerability to Psychopathology. 2015 , 292-331	
348	Beyond the Stress Concept: Allostatic Load—Developmental Biological and Cognitive Perspective. 2015 , 578-628	14
347	[Cognitive and brain development of memory from infancy to early adulthood]. 2015 , 209, 249-60	
346	Sensitivity of Neuropsychological Tests to Identify Cognitive Decline in Highly Educated Elderly Individuals: 12 Months Follow up. 2016 , 49, 607-16	15

345	Methodological comparison of active- and passive-driven oscillations in blood pressure; implications for the assessment of cerebral pressure-flow relationships. 2015 , 119, 487-501		69
344	Immunological and short-term brain volume changes in relapsing forms of multiple sclerosis treated with interferon beta-1a subcutaneously three times weekly: an open-label two-arm trial. 2015 , 15, 232		9
343	White matter microstructure among youth with perinatally acquired HIV is associated with disease severity. 2015 , 29, 1035-44		37
342	White Matter Pathology, Brain Development, and Psychiatric Disorders: Lessons From Corpus Callosum Studies. 2015 , 742-761		
341	Effects of aging on eye movements in the real world. 2015 , 9, 46		77
340	Comparison of the brain development trajectory between Chinese and U.S. children and adolescents. 2014 , 8, 249		11
339	Adolescence as a unique developmental period. 2015 , 40, 291-3		91
338	Disruption of White Matter Integrity in Adult Survivors of Childhood Brain Tumors: Correlates with Long-Term Intellectual Outcomes. 2015 , 10, e0131744		36
337	Reproducibility and Temporal Structure in Weekly Resting-State fMRI over a Period of 3.5 Years. 2015 , 10, e0140134		75
336	Virtues, ecological momentary assessment/intervention and smartphone technology. 2015 , 6, 481		49
335	Understanding the Neural Circuitry of Emotion Regulation. 236-272		1
334	Brain development in heavy-drinking adolescents. 2015 , 172, 531-42		135
333	Overweight is not associated with cortical thickness alterations in children. <i>Frontiers in Neuroscience</i> , 2015 , 9, 24	5.1	28
332	Longitudinal changes in white matter microstructure after heavy cannabis use. <i>Developmental Cognitive Neuroscience</i> , 2015 , 16, 23-35	5.5	51
331	Continued maturation of auditory brainstem function during adolescence: A longitudinal approach. 2015 , 126, 2348-55		27
330	Brain size, sex, and the aging brain. <i>Human Brain Mapping</i> , 2015 , 36, 150-69	5.9	143
329	Comparison between balanced steady-state free precession and standard spoiled gradient echo magnetization transfer ratio imaging in multiple sclerosis: methodical and clinical considerations. 2015 , 108, 87-94		4
328	Music training relates to the development of neural mechanisms of selective auditory attention. <i>Developmental Cognitive Neuroscience</i> , 2015 , 12, 94-104	5.5	40

327	K-complex amplitude as a marker of sleep homeostasis in obstructive sleep apnea syndrome and healthy controls. 2015 , 19, 22-29	6
326	Reduced striatal activation in females with major depression during the processing of affective stimuli. 2015 , 68, 384-91	7
325	Association of a neurokinin 3 receptor polymorphism with the anterior basal forebrain. 2015 , 36, 2060-7	6
324	Effects of marijuana use on prefrontal and parietal volumes and cognition in emerging adults. 2015 , 232, 2939-50	45
323	Music training alters the course of adolescent auditory development. 2015 , 112, 10062-7	89
322	Modeling Brain Growth and Development. 2015 , 429-436	
321	Early life stress produces compulsive-like, but not impulsive, behavior in females. 2015 , 129, 300-8	20
320	Neurogenetic and epigenetic correlates of adolescent predisposition to and risk for addictive behaviors as a function of prefrontal cortex dysregulation. 2015 , 25, 286-92	21
319	A voxel-based morphometric magnetic resonance imaging study of the brain detects age-related gray matter volume changes in healthy subjects of 21-45 years old. 2015 , 28, 450-9	17
318	Relevant feature set estimation with a knock-out strategy and random forests. 2015 , 122, 131-48	17
317	Sex differences and stress across the lifespan. 2015 , 18, 1413-20	391
316	Brain and Cognitive Development. 2015 , 1-54	14
315	Human Neural Development and Human Embryonic Stem Cell Neural Differentiation. 2015 , 189-199	
314	Cognitive intervention in early psychosis [preserving abilities versus remediating deficits. 2015 , 4, 63-72	28
313	Cross-sectional versus longitudinal estimates of age-related changes in the adult brain: overlaps and discrepancies. 2015 , 36, 2563-7	43
312	Distinct patterns of cortical thinning in concurrent motor and attention disorders. 2015 , 57, 257-64	49
311	Handbook of Consultation-Liaison Psychiatry. 2015 ,	8
310	Development of human brain structural networks through infancy and childhood. 2015 , 25, 1389-404	118

309	Transcranial Direct-Current Stimulation (tDCS). 2016 , 85-115		7
308	Neuroanatomical Alterations in Tinnitus Assessed with Magnetic Resonance Imaging. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 221	5.3	27
307	Saccadic Adaptation in 10-41 Month-Old Children. 2016 , 10, 241		6
306	A Review of Wearable Sensor Systems for Monitoring Body Movements of Neonates. 2016 , 16,		45
305	Decreased Left Caudate Volume Is Associated with Increased Severity of Autistic-Like Symptoms in a Cohort of ADHD Patients and Their Unaffected Siblings. 2016 , 11, e0165620		13
304	Neurobiological signatures associated with alcohol and drug use in the human adolescent brain. 2016 , 70, 244-259		78
303	Negative and interactive effects of sex, aging, and alcohol abuse on gray matter morphometry. <i>Human Brain Mapping</i> , 2016 , 37, 2276-92	5.9	46
302	Effects of Methylphenidate and Atomoxetine on Development of the Brain. 2016 , 825-845		1
301	Neural predictors of alcohol use and psychopathology symptoms in adolescents. 2016 , 28, 1209-1216		34
300	Alcohol and Drug Use and the Developing Brain. 2016 , 18, 46		133
299	Altered Gray Matter in Adolescents with d-Transposition of the Great Arteries. 2016 , 169, 36-43.e1		20
298	A Prospective Natural History Study of Mucopolysaccharidosis Type IIIA. 2016 , 170, 278-87.e1-4		64
297	Chemotherapy-induced neurotoxicity in pediatric solid non-CNS tumor patients: An update on current state of research and recommended future directions. 2016 , 103, 37-48		24
296	Head circumference as a useful surrogate for intracranial volume in older adults. 2016 , 28, 157-62		9
295	Relationship between blood pressure and cerebral blood flow during supine cycling: influence of aging. 2016 , 120, 552-63		17
294	Reframing the Teenage Wasteland: Adolescent Microbiota-Gut-Brain Axis. 2016 , 61, 214-21		31
293	Advanced Structural and Functional Brain MRI in Multiple Sclerosis. 2016 , 36, 163-76		21
292	White matter microstructure from nonparametric axon diameter distribution mapping. 2016 , 135, 333-44		51

291	Impaired fear extinction in adolescent rodents: Behavioural and neural analyses. 2016 , 70, 59-73	35
290	Estimating the brain pathological age of Alzheimer's disease patients from MR image data based on the separability distance criterion. 2016 , 61, 7162-7186	1
289	The relationship between white matter abnormalities and cognitive functions in new-onset juvenile myoclonic epilepsy. 2016 , 62, 166-70	16
288	Structural brain development between childhood and adulthood: Convergence across four longitudinal samples. 2016 , 141, 273-281	286
287	Neural correlates of working memory development in adolescent primates. 2016 , 7, 13423	23
286	Regulatory Aspects. 2016 , 383-392	
285	The developing human brain: age-related changes in cortical, subcortical, and cerebellar anatomy. 2016 , 6, e00457	45
284	What's bugging your teen?-The microbiota and adolescent mental health. 2016 , 70, 300-312	33
283	Computational Basis of Neural Elements. 2016 , 29-82	2
282	The 100 most-cited articles in neuroimaging: A bibliometric analysis. 2016 , 139, 149-156	46
281	5 Diffusion Weighted and Diffusion Tensor Imaging in Aging. 2016 ,	
280	Cerebral white matter correlates of delay discounting in adolescents. <i>Behavioural Brain Research</i> , 2016 , 305, 108-14	3-4 7
279	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. 2016 , 130, 194-213	59
278	Age effects and sex differences in human brain white matter of young to middle-aged adults: A DTI, NODDI, and q-space study. 2016 , 128, 180-192	103
277	Practical one-dimensional measurements of age-related brain atrophy are validated by 3-dimensional values and clinical outcomes: a retrospective study. 2016 , 16, 32	5
276	Mapping changes in cortical activity during sleep in the first 4 years of life. 2016 , 25, 381-9	20
275	Development and validation of an atlas-based finite element brain model. 2016 , 15, 1201-14	55
274	Peripubertal Stress With Social Support Promotes Resilience in the Face of Aging. 2016 , 157, 2002-14	13

273	Behavioral response inhibition and maturation of goal representation in prefrontal cortex after puberty. 2016 , 113, 3353-8		14
272	Adolescent Development of Cortical and White Matter Structure in the NCANDA Sample: Role of Sex, Ethnicity, Puberty, and Alcohol Drinking. 2016 , 26, 4101-21		79
271	Longitudinal analysis of the developing rhesus monkey brain using magnetic resonance imaging: birth to adulthood. 2016 , 221, 2847-71		51
270	Association of change in brain structure to objectively measured physical activity and sedentary behavior in older adults: Age, Gene/Environment Susceptibility-Reykjavik Study. <i>Behavioural Brain Research</i> , 2016 , 296, 118-124	3-4	34
269	Regulation of cerebrospinal fluid (CSF) flow in neurodegenerative, neurovascular and neuroinflammatory disease. 2016 , 1862, 442-51		152
268	The Structure and Development of Dispositional Compassion in Early Adolescence. 2016 , 36, 840-873		12
267	Mild Cognitive Impairment is Associated With White Matter Integrity Changes in Late-Myelinating Regions Within the Corpus Callosum. 2016 , 31, 68-75		14
266	Development of egocentric and allocentric spatial representations from childhood to elderly age. 2016 , 80, 259-72		54
265	The effects of incubation temperature on the development of the cortical forebrain in a lizard. 2017 , 20, 117-125		19
264	Longitudinal brain structure and cognitive changes over 8 years in an East Asian cohort. 2017 , 147, 852-860		34
263	A Study of volumetric variations of basal nuclei in the normal human brain by magnetic resonance imaging. 2017 , 30, 175-182		4
262	Perspectives on fronto-fugal circuitry from human imaging of alcohol use disorders. 2017 , 122, 189-200		41
261	Relevant 3D local binary pattern based features from fused feature descriptor for differential diagnosis of Parkinson's disease using structural MRI. 2017 , 34, 134-143		13
260	Potentially traumatic events, personality, and risky sexual behavior in undergraduate college students. 2017 , 9, 105-112		13
259	Neuroimaging of Paediatric Pain. 2017 , 485-506		
258	Schizophrenia and neurogenesis: A stem cell approach. 2017 , 80, 414-442		26
257	Development of the Corpus Callosum: An MRI Study. 2017 , 39, 97-106		14
256	Quantitative Synthetic MRI in Children: Normative Intracranial Tissue Segmentation Values during Development. <i>American Journal of Neuroradiology</i> , 2017 , 38, 2364-2372	4-4	34

255	Oxidative stress, prefrontal cortex hypomyelination and cognitive symptoms in schizophrenia. 2017 , 7, e1171		87
254	Cerebrospinal fluid volume does not have etiological role in the incidence of positional skull deformities. 2017 , 45, 1387-1393		3
253	Dependency criterion based brain pathological age estimation of Alzheimer's disease patients with MR scans. 2017 , 16, 50		6
252	Distinguishing early and late brain aging from the Alzheimer's disease spectrum: consistent morphological patterns across independent samples. 2017 , 158, 282-295		23
251	Incorporation of feedback during beat synchronization is an index of neural maturation and reading skills. 2017 , 164, 43-52		13
250	Age-related small vessel disease: a potential contributor to neurodegeneration in multiple sclerosis. 2017 , 27, 707-722		25
249	Locus coeruleus volume and cell population changes during Alzheimer's disease progression: A stereological study in human postmortem brains with potential implication for early-stage biomarker discovery. 2017 , 13, 236-246		150
248	Cognitive control network anatomy correlates with neurocognitive behavior: A longitudinal study. <i>Human Brain Mapping</i> , 2017 , 38, 631-643	5.9	48
247	The electrophysiological connectome is maintained in healthy elders: a power envelope correlation MEG study. <i>Scientific Reports</i> , 2017 , 7, 13984	4.9	17
246	Permutation Entropy for the Characterisation of Brain Activity Recorded with Magnetoencephalograms in Healthy Ageing. 2017 , 19, 141		11
245	The UNC-Wisconsin Rhesus Macaque Neurodevelopment Database: A Structural MRI and DTI Database of Early Postnatal Development. <i>Frontiers in Neuroscience</i> , 2017 , 11, 29	5.1	34
244	Brain Parenchymal Fraction in Healthy Adults-A Systematic Review of the Literature. 2017 , 12, e0170018		19
243	A 3D subject-specific model of the spinal subarachnoid space with anatomically realistic ventral and dorsal spinal cord nerve rootlets. 2017 , 14, 36		18
242	Performance in eyeblink conditioning is age and sex dependent. 2017 , 12, e0177849		12
241	Some Aspects of the Developing Brain and Nervous System. 2018 , 535-555		
240	Diffusion tensor imaging correlates of early markers of depression in youth at high-familial risk for bipolar disorder. 2018 , 59, 917-927		14
239	Why monkeys do not get multiple sclerosis (spontaneously): An evolutionary approach. 2018 , 2018, 43-59		11
238	T1 white/gray contrast as a predictor of chronological age, and an index of cognitive performance. 2018 , 173, 341-350		44

237	Smaller hippocampal volume in current but not in past depression in comparison to healthy controls: Minor evidence from an older adults sample. 2018 , 102, 159-167		3
236	Modeling Early Postnatal Brain Growth and Development with CT: Changes in the Brain Radiodensity Histogram from Birth to 2 Years. <i>American Journal of Neuroradiology</i> , 2018 , 39, 775-781	4-4	8
235	The age of adolescence. 2018 , 2, 223-228		816
234	The development of brain white matter microstructure. 2018 , 182, 207-218		191
233	Investigation of brain structure in the 1-month infant. 2018 , 223, 1953-1970		30
232	Increased efficiency of brain connectivity networks in veterans with suicide attempts. 2018 , 20, 318-326		12
231	Multisubject Decomposition of Event-related Positivities in Cognitive Control: Tackling Age-related Changes in Reactive Control. 2018 , 31, 17-34		13
230	Anatomy of Subcortical Structures Predicts Age-Related Differences in Skill Acquisition. 2018 , 28, 459-473		17
229	APOE ϵ 4 Genotype and Hypertension Modify 8-year Cortical Thinning: Five Occasion Evidence from the Seattle Longitudinal Study. 2018 , 28, 1934-1945		14
228	Research Review: What have we learned about adolescent substance use?. 2018 , 59, 618-627		94
227	Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking. 2018 , 175, 370-380		88
226	Structural brain development: A review of methodological approaches and best practices. <i>Developmental Cognitive Neuroscience</i> , 2018 , 33, 129-148	5-5	61
225	CSF Dynamics and Normal-pressure Hydrocephalus. 2018 , 27, 581-588		
224	Cerebrospinal fluid and the early brain development of autism. 2018 , 10, 39		22
223	Extra-axial cerebrospinal fluid in high-risk and normal-risk children with autism aged 2-4 years: a case-control study. 2018 , 5, 895-904		44
222	Functional Parcellation of the Cerebral Cortex Across the Human Adult Lifespan. 2018 , 28, 4403-4423		18
221	Transcranial brain atlas. 2018 , 4, eaar6904		10
220	Is intracranial volume a suitable proxy for brain reserve?. 2018 , 10, 91		23

219	Mu-oscillation changes related to the development of anticipatory postural control in children and adolescents. 2018 , 120, 129-138		2
218	Trajectories of imaging markers in brain aging: the Rotterdam Study. 2018 , 71, 32-40		73
217	Basal forebrain cholinergic system volume is associated with general cognitive ability in the elderly. 2018 , 119, 145-156		9
216	A comparison of various MRI feature types for characterizing whole brain anatomical differences using linear pattern recognition methods. 2018 , 178, 753-768		18
215	Biomarkers in Autism Spectrum Disorder: Challenges, Advances, and the Need for Biomarkers of Relevance to Public Health. 2018 , 16, 135-142		5
214	Brain Structural Features of Myotonic Dystrophy Type 1 and their Relationship with CTG Repeats. 2019 , 6, 321-332		15
213	The Balance Between n-6 and n-3 and its Relation to Executive Function. 2019 , 43-62		
212	Anatomy and Physiology of Cerebrospinal Fluid Dynamics. 2019 , 73-89		0
211	Effects of long-term adolescent alcohol consumption on white matter integrity and their correlations with metabolic alterations. 2019 , 294, 111003		5
210	A Critical Period for the Development of Schizophrenia-Like Pathology by Aberrant Postnatal Neurogenesis. <i>Frontiers in Neuroscience</i> , 2019 , 13, 635	5.1	9
209	Sex differences in brain aging and predictors of neurodegeneration in cognitively healthy older adults. 2019 , 81, 146-156		36
208	Emerging Genetic and Epigenetic Mechanisms Underlying Pubertal Maturation in Adolescence. 2019 , 29, 54-79		29
207	Maturational Changes in Human Dorsal and Ventral Visual Networks. 2019 , 29, 5131-5149		7
206	The Effect of Body-Related Stimuli on Mental Rotation in Children, Young and Elderly Adults. <i>Scientific Reports</i> , 2019 , 9, 1169	4.9	18
205	Voluntary elevated ethanol consumption in adolescent Sprague-Dawley rats: Procedural contributors and age-specificity. 2019 , 78, 1-12		3
204	Neuroimaging of the Aging Brain. 2019 , 28-53		
203	Difference between vertical and horizontal saccades across the human lifespan. 2019 , 183, 38-45		8
202	Individual variation in longitudinal postnatal development of the primate brain. 2019 , 224, 1185-1201		7

201	The UNC/UMN Baby Connectome Project (BCP): An overview of the study design and protocol development. 2019 , 185, 891-905	140
200	Delineation of early brain development from fetuses to infants with diffusion MRI and beyond. 2019 , 185, 836-850	89
199	Development, Administration, and Structural Validity of a Brief, Computerized Neurocognitive Battery: Results From the Army Study to Assess Risk and Resilience in Servicemembers. 2019 , 26, 125-143	16
198	FreeSurfer 5.3 versus 6.0: are volumes comparable? A Chronic Effects of Neurotrauma Consortium study. 2020 , 14, 1318-1327	5
197	Disturbed Cerebellar Growth Trajectories in Adolescents Who Initiate Alcohol Drinking. 2020 , 87, 632-644	16
196	How genes and environment interact to shape risk and resilience to stress-related psychiatric disorders. 2020 , 197-207	2
195	Sex differences in the programming of stress resilience. 2020 , 81-94	1
194	The temporal and causal relationship between inflammation and neurodegeneration in multiple sclerosis. 2020 , 26, 876-886	21
193	A novel pilot study of automatic identification of EMF radiation effect on brain using computer vision and machine learning. 2020 , 57, 101821	6
192	Harmonization of large MRI datasets for the analysis of brain imaging patterns throughout the lifespan. 2020 , 208, 116450	79
191	Spontaneous K-Complexes may be biomarkers of the progression of amnesic mild cognitive impairment. 2020 , 67, 99-109	9
190	Association Between Brain Volumes and Patterns of Physical Activity in Community-Dwelling Older Adults. 2021 , 76, 1504-1511	5
189	Early Childhood Shigellosis and Attention Deficit Hyperactivity Disorder: A Population-Based Cohort Study with a Prolonged Follow-up. 2021 , 25, 1791-1800	3
188	Affording autism an early brain development re-definition. 2020 , 32, 1175-1189	13
187	Defining novel functions for cerebrospinal fluid in ALS pathophysiology. 2020 , 8, 140	7
186	Sleep, Noninvasive Brain Stimulation, and the Aging Brain: Challenges and Opportunities. 2020 , 61, 101067	8
185	A venous mechanism of ventriculomegaly shared between traumatic brain injury and normal ageing. 2020 , 143, 1843-1856	13
184	The effects of gastrointestinal symptoms on structural grey matter volume in youth. 2020 , 80, 477-488	0

183	Machine learning-based identification of radiofrequency electromagnetic radiation (RF-EMR) effect on brain morphology: a preliminary study. 2020 , 58, 1751-1765		3
182	Postnatal Guinea Pig Brain Development, as Revealed by Magnetic Resonance and Diffusion Kurtosis Imaging. 2020 , 10,		1
181	In vitro and numerical simulation of blood removal from cerebrospinal fluid: comparison of lumbar drain to Neurapheresis therapy. 2020 , 17, 23		5
180	Effect of alcohol use on the adolescent brain and behavior. 2020 , 192, 172906		46
179	Cyberbullying and Adolescent Neurobiology. 2020 , 11, 1511		5
178	Regional brain development analysis through registration using anisotropic similarity, a constrained affine transformation. 2020 , 15, e0214174		
177	In Patients Over 50 Years, Increased Age Is Associated With Decreased Odds of Documented Loss of Consciousness After a Concussion. <i>Frontiers in Neurology</i> , 2020 , 11, 39	4.1	0
176	Aging and the Brain: A Quantitative Study of Clinical CT Images. <i>American Journal of Neuroradiology</i> , 2020 , 41, 809-814	4.4	7
175	The effects of violent urban settings on neuropsychological outcomes: A review. 2020 , 54, 101410		3
174	Neurocognitive Inhibitory Control Ability Performance and Correlations with Biochemical Markers in Obese Women. 2020 , 17,		5
173	Adolescent alcohol use disrupts functional neurodevelopment in sensation seeking girls. 2021 , 26, e12914		6
172	The Sleep Side of Aging and Alzheimer's Disease. 2021 , 77, 209-225		7
171	Age differences in brain structural and metabolic responses to binge ethanol exposure in fisher 344 rats. 2021 , 46, 368-379		2
170	The Haskins pediatric atlas: a magnetic-resonance-imaging-based pediatric template and atlas. 2021 , 51, 628-639		2
169	Short strides to important findings: A short interval longitudinal study of sleep quality, psychological distress and microstructure changes to the uncinate fasciculus in early adolescents. 2021 , 81, 82-90		1
168	Global brain volume and N-acetyl-aspartate decline over seven decades of normal aging. 2021 , 98, 42-51		2
167	Case for raising the minimum legal age of tobacco sale to 25. 2021 ,		0
166	Regulatory Aspects. 2021 , 757-766		

165	Imaging the rapidly developing brain: Current challenges for MRI studies in the first five years of life. <i>Developmental Cognitive Neuroscience</i> , 2021 , 47, 100893	5.5	13
164	Inhibition of Fatty Acid Amide Hydrolase (FAAH) During Adolescence and Exposure to Early Life Stress may Exacerbate Depression-like Behaviors in Male and Female Rats. 2021 , 455, 89-106		2
163	Neurodevelopment of Posture-movement Coordination from Late Childhood to Adulthood as Assessed From Bimanual Load-lifting Task: An Event-related Potential Study. 2021 , 457, 125-138		3
162	The clinical relevance of gray matter atrophy and microstructural brain changes across the psychosis continuum. 2021 , 229, 12-21		1
161	Development of brain atlases for early-to-middle adolescent collision-sport athletes. <i>Scientific Reports</i> , 2021 , 11, 6440	4.9	
160	Age-related deterioration of performance and increase of cortex activity comparing time- versus item-controlled fNIRS measurement. <i>Scientific Reports</i> , 2021 , 11, 6766	4.9	0
159	Development of brain behavior integration systems related to criminal culpability from childhood to young adulthood: Does it stop at 18 years?. <i>Journal of Pediatric Neuropsychology</i> , 2021 , 7, 55-65	0.7	0
158	Association of Heavy Drinking With Deviant Fiber Tract Development in Frontal Brain Systems in Adolescents. 2021 , 78, 407-415		11
157	Tensor Dropout for Robust Learning. 2021 , 15, 630-640		3
156	Frontal language areas do not emerge in the absence of temporal language areas: A case study of an individual born without a left temporal lobe.		1
155	The Impact of Stress Within and Across Generations: Neuroscientific and Epigenetic Considerations. 2021 , 29, 303-317		2
154	Charting Brain Development in Graphs, Diagrams, and Figures from Childhood, Adolescence, to Early Adulthood: Neuroimaging Implications for Neuropsychology. <i>Journal of Pediatric Neuropsychology</i> , 2021 , 7, 27-54	0.7	1
153	The Relationship Between Childhood Physical and Sexual Abuse and Adolescent Cannabis Use: A Systematic Review. 2021 , 12, 631245		2
152	Epigenetics of the developing and aging brain: Mechanisms that regulate onset and outcomes of brain reorganization. 2021 , 125, 503-516		11
151	Using modulated and smoothed data improves detectability of volume difference in group comparison, but reduces accuracy with atlas-based volumetry using Statistical Parametric Mapping 12 software. 2021 , 2841851211032442		
150	Endogenous and exogenous opioid effects on oligodendrocyte biology and developmental brain myelination. 2021 , 86, 107002		1
149	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. 2021 ,		5
148	The Effectiveness of Psychological Therapies for Anxiety Disorders in Adolescents: A Meta-Analysis. 2021 , 24, 765-782		2

147	Do adolescents and young adults accessing the Emergency Room with substance use receive poor therapeutic indications at discharge? An observational retrospective study. 2021 , e14890		
146	Working Memory: From Neural Activity to the Sentient Mind. 2021 , 11, 2547-2587		2
145	Predicting brain age during typical and atypical development based on structural and functional neuroimaging. <i>Human Brain Mapping</i> , 2021 , 42, 5943-5955	5.9	2
144	Emergence of prefrontal neuron maturation properties by training recurrent neural networks in cognitive tasks. 2021 , 24, 103178		3
143	Brain aging mechanisms with mechanical manifestations. 2021 , 200, 111575		8
142	Resting state functional networks in 1-to-3-year-old typically developing children. <i>Developmental Cognitive Neuroscience</i> , 2021 , 51, 100991	5.5	1
141	Normal childhood brain growth and a universal sex and anthropomorphic relationship to cerebrospinal fluid. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 28, 458-468	2.1	4
140	The longitudinal relationship between BOLD signal variability changes and white matter maturation during early childhood. 2021 , 242, 118448		4
139	Alcohol and Cannabis Use and the Developing Brain. 2021 , 41, 11		1
138	Brain-wide connectivity architecture. 2021 , 247-257		0
137	Attention deficit hyperactivity disorder. 2014 , 16, 235-66		38
136	Neuroimaging in Women. 2009 , 1		1
135	Brain Development During Adolescence. 2012 , 1213-1229		2
134	Chapter 27 Immaturities in Incentive Processing and Executive Function in Adolescence. 2012 , 297-308		1
133	A Normative Database from Magnetic Resonance Imaging. 1996 , 79-95		4
132	Neuroimaging in Psychiatric Disorders. 1996 , 73-125		7
131	Maturation of Structural and Functional Connectivity in the Human Brain. 2007 , 463-475		4
130	Regression models of atlas appearance. 2009 , 21, 151-62		6

129	Attention Deficit Hyperactivity Disorder. 2013 , 235-266	56
128	Schizophrenia as a progressive developmental disorder: the evidence and its implications. 2004 , 388-393	1
127	Development and Its Relation to Mind, Brain, and Education: Continuing the Work of Robbie Case. 2010 , 327-347	2
126	Adolescent Narrative Thought: Developmental and Neurological Evidence in Support of a Central Social Structure. 2010 , 213-229	5
125	Lesion-Symptom Mapping of the Human Cerebellum. 2013 , 1627-1656	3
124	Why We Think We Can Make Things Better with Evidence-Based Practice: Theoretical and Developmental Context. 2014 , 19-39	3
123	Biomechanics of Impact Traumatic Brain Injury. 1997 , 53-93	3
122	Dynamic Interactions in Prefrontal Functional Connectivity During Adolescence. 2016 , 193-197	1
121	Early Development in Fragile X Syndrome: Implications for Developmental Screening. 2011 , 40, 75-108	3
120	Structural brain development. 2020 , 289-317	2
119	Brain Correlates of Successful Dream Recall. 2017 , 523-528.e4	1
118	Gender and Behavior in Subjects with Genetic Defects in Male Sexual Differentiation. 2002 , 303-345	2
117	Imaging Brain Development. 2000 , 561-589	1
116	MR IMAGING AND SPECTROSCOPY OF BRAIN DEVELOPMENT. 2001 , 9, 1-17	20
115	Brain development in healthy children and adolescents: magnetic resonance imaging studies. 2004 , 35-44	5
114	Longitudinal Changes in Individual BrainAGE in Healthy Aging, Mild Cognitive Impairment, and Alzheimer's Disease. 2012 , 25, 235-245	102
113	Twenty-first birthday drinking: Extreme-drinking episodes and white matter microstructural changes in the fornix and corpus callosum. 2020 , 28, 553-566	3
112	The Developing Brain and Adolescent-Typical Behavior Patterns. 2007 , 9-30	41

111	Mapping Adolescent Brain Maturation Using Structural Magnetic Resonance Imaging. 2007 , 55-84	8
110	The Adolescent Surge in Depression and Emergence of Gender Differences. 2007 , 284-312	18
109	The role of the ventral prefrontal cortex in mood disorders. 2006 , 545-578	2
108	Cerebral magnetic resonance image segmentation using data fusion. 1996 , 20, 206-18	28
107	Individual variation in longitudinal postnatal development of the primate brain.	1
106	Harmonization of large multi-site imaging datasets: Application to 10,232 MRIs for the analysis of imaging patterns of structural brain change throughout the lifespan.	1
105	Morphometric and volumetric study of caudate and putamen nuclei in normal individuals by MRI: Effect of normal aging, gender and hemispheric differences. 2013 , 78, 7-14	27
104	Multivariate longitudinal shape analysis of human lateral ventricles during the first twenty-four months of life. 2014 , 9, e108306	9
103	Fixational saccades are more disconjugate in adults than in children. 2017 , 12, e0175295	12
102	Chronic Alcohol Drinking Slows Brain Development in Adolescent and Young Adult Nonhuman Primates. 2019 , 6,	16
101	Longitudinal magnetic resonance imaging studies of older adults: a shrinking brain. 2003 , 23, 3295-301	962
100	Medical justification for increasing the minimum legal drinking age. 2018 , 21, 9	2
99	The role of serum growth hormone and insulin-like growth factor-1 in adult humans brain morphology. 2020 , 12, 1377-1396	6
98	Repeatability of Brain Volume Measurements Made with the Atlas-based Method from T-weighted Images Acquired Using a 0.4 Tesla Low Field MR Scanner. <i>Magnetic Resonance in Medical Sciences</i> , 2016 , 15, 365-370	2.9 9
97	SEX DIFFERENCES IN CEREBRAL TISSUE VOLUME AND COGNITIVE PERFORMANCE DURING ADOLESCENCE. 2002 , 91, 743	11
96	Myopia, intelligence, and the expanding human neocortex: behavioral influences and evolutionary implications. 1999 , 98, 153-276	29
95	Gender differences in aging: cognition, emotions, and neuroimaging studies. 2002 , 4, 197-210	55
94	Traumatic stress: effects on the brain. 2006 , 8, 445-61	287

93	Structural neuroimaging in Alzheimer's disease: do white matter hyperintensities matter?. 2009 , 11, 181-90	82
92	One Month of Cannabis Abstinence in Adolescents and Young Adults Is Associated With Improved Memory. 2018 , 79,	26
91	Diffusion-MRI-based regional cortical microstructure at birth for predicting neurodevelopmental outcomes of 2-year-olds. 2020 , 9,	6
90	The Effect of Antibiotic Treatment of Early Childhood Shigellosis on Long-Term Prevalence of Attention Deficit/Hyperactivity Disorder. 2021 , 8,	0
89	Ursachen schizophrener Kognitionsstörungen. 2000 , 74-144	2
88	Brain Literacy for Educators and Psychologists - Pages 335-367. 2002 , 335-367	
87	MRI in MS. 2003 , 131-161	
86	Applied Computational Neuroanatomy in Disease. 2004 , 125-147	
85	Measuring and Interpreting White Matter Volume Changes in Multiple Sclerosis. 2004 , 23-35	
84	Cognitive development: functional magnetic resonance imaging studies. 2004 , 45-68	3
83	Pediatric Applications of fMRI. 2006 , 394-428	
82	<i>Aging and Gender. Science & Practice Perspectives / A Publication of the National Institute on Drug Abuse, National Institutes of Health</i> , 2009 , 1-15	
81	Degeneration and Regeneration of Myelin in the Central Nervous System of the Aging Monkey. 2008 , 145-170	
80	Allgemeine Psychologie I. 2010 , 105-130	1
79	Changes in the Macrostructure and Microstructure of the Ageing Brain. 2010 , 15-27	1
78	Immune Responses in HIV Infection, Alcoholism, and Aging: A Neuroimaging Perspective. 2013 , 441-476	
77	¹ H Magnetic Resonance Spectroscopy of the Brain During Adolescence: Normal Brain Development and Neuropsychiatric Disorders. 2013 , 193-212	
76	Chapter 32 Immaturities in Incentive Processing and Executive Function in Adolescence. 2013 , 349-360	

- 75 Some Aspects of the Developing Brain and Nervous System. **2013**, 235-255
- 74 The Cognitive Science Basis for Context. **2014**, 205-219
- 73 Brain Development Measured by MRI. **1994**, 8, 79
- 72 Basic Foundations of Diagnosis, Psychiatric Diagnosis, and Final Common Pathway Syndromes. **2015**, 69-97
- 71 Imaging and Development: Relevant Findings in Males. *Science & Practice Perspectives / A Publication of the National Institute on Drug Abuse, National Institutes of Health*, **2015**, 25-61
- 70 Human Puberty: Physiology, Progression, and Genetic Regulation of Variation in Onset. **2017**, 357-371
- 69 A Brief Physiology of the Aging. **2017**, 17-22
- 68 Structural brain development: a review of methodological approaches and best practices.
- 67 Encyclopedia of Adolescence. **2018**, 4129-4139
- 66 Chapitre 12. Mémoire épisodique chez l'enfant: développement et évaluation. **2018**, 185-200
- 65 Transfer Learning Models on Brain Age Prediction. **2019**, 1
- 64 Regional brain development analysis through registration using anisotropic similarity, a constrained affine transformation.
- 63 Novel multi-linear quantitative brain volume formula for manual radiological evaluation of brain atrophy. *European Journal of Radiology Open*, **2020**, 7, 100281 2.6 0
- 62 Normal Childhood Brain Growth and a Universal Sex and Anthropomorphic Relationship to Cerebrospinal Fluid. 2
- 61 Lesion-Symptom Mapping of the Human Cerebellum. **2020**, 1-34
- 60 Imaging early brain structural and functional development. *Advances in Magnetic Resonance Technology and Applications*, **2021**, 395-428 0.1
- 59 Diffusion-MRI-based regional cortical microstructure at birth for predicting neurodevelopmental outcomes of 2-year-olds. 0
- 58 Periodic and Aperiodic Neural Activity Displays Age-Dependent Changes Across Early-to-Middle Childhood.

57	Education and income show heterogeneous relationships to lifespan brain and cognitive differences across European and US cohorts.			1
56	Emergence of prefrontal neuron maturation properties by training recurrent neural networks in cognitive tasks.			
55	Mapping brain development and aggression. <i>The Canadian Child and Adolescent Psychiatry Review = La Revue Canadienne De Psychiatrie De L'enfant Et De L'adolescent</i> , 2005 , 14, 10-5			7
54	In vivo Age-related Changes in Cortical, Subcortical Nuclei, and Subventricular Zone: A Diffusion Tensor Imaging Study. 2013 , 4, 65-75			2
53	Cerebrospinal fluid flow dynamics in patients with multiple sclerosis: a phase contrast magnetic resonance study. <i>Functional Neurology</i> , 2011 , 26, 215-22	2.2		15
52	An agenda for 21st century neurodevelopmental medicine: lessons from autism. <i>Revista De Neurologia</i> , 2018 , 66, S3-S15	24		2
51	Structural Brain Alterations Associated With Alcoholism. <i>Alcohol Health and Research World</i> , 1995 , 19, 266-272			9
50	Diffusion changes in the aging human brain. <i>American Journal of Neuroradiology</i> , 2000 , 21, 1078-83	4.4		70
49	Regional and global changes in cerebral diffusion with normal aging. <i>American Journal of Neuroradiology</i> , 2001 , 22, 136-42	4.4		176
48	Early assessment of brain maturation by MR imaging segmentation in neonates and premature infants. <i>American Journal of Neuroradiology</i> , 2006 , 27, 972-7	4.4		37
47	Age-related total gray matter and white matter changes in normal adult brain. Part I: volumetric MR imaging analysis. <i>American Journal of Neuroradiology</i> , 2002 , 23, 1327-33	4.4		335
46	Brain volume in pediatric patients with sickle cell disease: evidence of volumetric growth delay?. <i>American Journal of Neuroradiology</i> , 2005 , 26, 455-62	4.4		24
45	Cognitive aging, executive function, and fractional anisotropy: a diffusion tensor MR imaging study. <i>American Journal of Neuroradiology</i> , 2007 , 28, 226-35	4.4		234
44	Status epilepticus as a risk factor for postencephalitic parenchyma loss evaluated by ventricle brain ratio measurement on MR imaging. <i>American Journal of Neuroradiology</i> , 2006 , 27, 1245-51	4.4		4
43	Texture Analysis of Brain MR Images for Age Detection. 2021 ,			
42	How the Evolving State of Neuroscience Informs the Definition of Adulthood: a Psychiatrist's Perspective. <i>Journal of Pediatric Neuropsychology</i> , 2021 , 7, 161-168	0.7		
41	Lesion-Symptom Mapping of the Human Cerebellum. 2022 , 1857-1890			
40	Comparing behavior following binge ethanol in adolescent and adult DBA/2J mice. <i>Behavioural Brain Research</i> , 2021 , 419, 113703	3.4		1

39	Normal cerebral ventricular volume growth in childhood. <i>Journal of Neurosurgery: Pediatrics</i> , 2020 , 1-8	2.1	0
38	Brain Morphometry and Cognitive Performance in Normal Brain Aging: Age- and Sex-Related Structural and Functional Changes.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 713680	5.3	0
37	Age Estimation from fMRI Data Using Recurrent Neural Network. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 749	2.6	0
36	Infant Brain Development and Plasticity from an Evolutionary Perspective. <i>Evolutionary Psychology</i> , 2022 , 39-57	0.2	
35	Periodic and aperiodic neural activity displays age-dependent changes across early-to-middle childhood.. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101076	5.5	5
34	Eye Gaze in Autism Spectrum Disorder: A Review of Neural Evidence for the Eye Avoidance Hypothesis.. <i>Journal of Autism and Developmental Disorders</i> , 2022 , 1	4.6	1
33	Advantages of Using Both Voxel- and Surface-based Morphometry in Cortical Morphology Analysis: A Review of Various Applications.. <i>Magnetic Resonance in Medical Sciences</i> , 2022 , 21,	2.9	4
32	Elevated Intracranial Pressure After Primary Surgical Correction of Sagittal Suture Craniosynostosis. <i>Craniomaxillofacial Trauma & Reconstruction</i> , 194338752110646	1.3	
31	Multimodal Magnetic Resonance Imaging Reveals Aberrant Brain Age Trajectory During Youth in Schizophrenia Patients.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 823502	5.3	0
30	Cross-Sectional Investigation of Brain Volume in Dyslexia.. <i>Frontiers in Neurology</i> , 2022 , 13, 847919	4.1	0
29	Areas of Convergence and Divergence in Adolescent Social Isolation and Binge Drinking: A Review.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 859239	3.5	0
28	A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age.		
27	The Brain and Social Development in Childhood. 2022 , 61-83		
26	Increase in Volitional Muscle Activation from Childhood to Adulthood: A Systematic Review and Meta-analysis.. <i>Medicine and Science in Sports and Exercise</i> , 2021 ,	1.2	1
25	Differential alterations in brain structural network organization during addiction between adolescents and adults.. <i>Psychological Medicine</i> , 2022 , 1-12	6.9	
24	Infantile Chronic Subdural Hematoma Secondary to Brain Atrophy. <i>Turkish Journal of Pediatric Disease</i> , 1-3		
23	Early-Life Sleep Deprivation Enhanced Alcohol Consumption in Adolescent Rats.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 856120	5.1	0
22	A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age. <i>Human Brain Mapping</i> ,	5.9	0

21	A mixed methods approach to improve the measurement of Alcohol-Induced Blackouts: ABOM -2. <i>Alcoholism: Clinical and Experimental Research</i> ,	3.7	0
20	The heritability of vocal tract structures estimated from structural MRI in a large cohort of Dutch twins. <i>Human Genetics</i> ,	6.3	
19	Effects of aging on functional connectivity in a neurodegenerative risk cohort: resting state versus task measurement using near-infrared spectroscopy. <i>Scientific Reports</i> , 2022 , 12,	4.9	1
18	Brain atrophy in middle age using magnetic resonance imaging scans from Japan's health screening programme. 2022 , 4,		1
17	Word Production Changes through Adolescence: A Behavioral and ERP Investigation of Referential and Inferential Naming. 1-19		
16	Epigenetic Effects in HPA Axis Genes Associated with Cortical Thickness, ERP Components and SUD Outcome. 2022 , 12, 347		0
15	Variation of cerebrospinal fluid in specific regions regulates focality in transcranial direct current stimulation. 16,		0
14	Network Occlusion Sensitivity Analysis Identifies Regional Contributions to Brain Age Prediction.		0
13	The brain under the influence of substances and addictive disorders: How it differs from a healthy one?. 2022 ,		0
12	MRI in Pediatric Patients Undergoing DBS. 2022 , 107-119		0
11	Predicting cognitive decline in a low-dimensional representation of brain morphology.		0
10	The late effects of paediatric brain tumours and the implications for education settings. 2016 , 33, 20-33		0
9	A Voxel-Based Morphometric Study of Gray Matter in Specific Phobia. 2023 , 13, 119		0
8	Applications of advanced diffusion MRI in early brain development: a comprehensive review.		0
7	Infant brain regional cerebral blood flow increases supporting emergence of the default-mode network. 12,		0
6	Trajectories of brain volumes in young children are associated with maternal education.		0
5	Pattern visual evoked potentials show an inferior-superior topographic shift through maturation in childhood.		0
4	Safety and efficacy outcomes after intranasal administration of neural stem cells in cerebral palsy: a randomized phase 1/2 controlled trial. 2023 , 14,		0

- 3 Study of the human hippocampal formation: a method for histological and magnetic resonance correlation in perinatal cases.
- 2 Reduced connectivity of the cognitive control neural network at rest in young adults who had their first drink of alcohol prior to age 18. **2023**, 332, 111642
- 1 Biomarkers of aging.