CITATION REPORT List of articles citing



DOI: 10.1016/j.neuroimage.2007.07.043 NeuroImage, 2008, 39, 52-61.

Source: https://exaly.com/paper-pdf/44133056/citation-report.pdf

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
250	Magnetic resonance imaging as an approach towards identifying neuropathological biomarkers for Huntington's disease. 2008 , 58, 209-25		129
249	The brain in chronic CRPS pain: abnormal gray-white matter interactions in emotional and autonomic regions. 2008 , 60, 570-81		372
248	Microstructural maturation of the human brain from childhood to adulthood. <i>NeuroImage</i> , 2008 , 40, 10)4 4. 55	1019
247	Diffusion tensor imaging of normal white matter maturation from late childhood to young adulthood: voxel-wise evaluation of mean diffusivity, fractional anisotropy, radial and axial diffusivities, and correlation with reading development. <i>NeuroImage</i> , 2008 , 41, 223-32	7.9	204
246	Impact of diabetes and its treatment on cognitive function among adolescents who participated in the Diabetes Control and Complications Trial. 2008 , 31, 1933-8		92
245	Imaging white matter diffusion changes with development and recovery from brain injury. 2008 , 11, 174-86		16
244	Evidence of rapid ongoing brain development beyond 2 years of age detected by fiber tracking. 2008 , 29, 1261-5		25
243	Elevated left and reduced right orbitomedial prefrontal fractional anisotropy in adults with bipolar disorder revealed by tract-based spatial statistics. 2008 , 65, 1041-52		268
242	The maturing architecture of the brain's default network. 2008 , 105, 4028-32		999
241	Imaging structural and functional connectivity: towards a unified definition of human brain organization?. 2008 , 21, 393-403		109
240	DTI in Development and Aging. 2009 , 205-236		6
239	Physiological MR of the pediatric brain. 705-726		
238	Heterogeneity in subcortical brain development: A structural magnetic resonance imaging study of brain maturation from 8 to 30 years. <i>Journal of Neuroscience</i> , 2009 , 29, 11772-82	6.6	351
237	Cognition in Children and Adolescents with Type 1 Diabetes. 2009 , 251-275		6
236	Understanding development and lateralization of major cerebral fiber bundles in pediatric population through quantitative diffusion tensor tractography. 2009 , 66, 636-41		34
235	Development of large-scale functional brain networks in children. 2009 , 7, e1000157		610
234	Diffusion tensor imaging of hemispheric asymmetries in the developing brain. 2009, 31, 205-18		32

[2009-2009]

233	Development of anterior cingulate functional connectivity from late childhood to early adulthood. <i>Cerebral Cortex</i> , 2009 , 19, 640-57	5.1	430
232	Lower diffusion in white matter of children with prenatal methamphetamine exposure. 2009 , 72, 2068-7	75	66
231	Altered white matter microstructure in adolescent substance users. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 173, 228-37	2.9	139
230	Region-specific susceptibilities to cuprizone-induced lesions in the mouse forebrain: Implications for the pathophysiology of schizophrenia. 2009 , 1270, 121-30		54
229	Are there theory of mind regions in the brain? A review of the neuroimaging literature. <i>Human Brain Mapping</i> , 2009 , 30, 2313-35	5.9	428
228	Age-related differences in multiple measures of white matter integrity: A diffusion tensor imaging study of healthy aging. <i>Human Brain Mapping</i> , 2010 , 31, 378-90	5.9	298
227	Early structural changes in individuals at risk of familial Alzheimer's disease: a volumetry and magnetization transfer MR imaging study. 2009 , 256, 925-32		27
226	Altered white matter integrity in adolescent binge drinkers. 2009 , 33, 1278-85		195
225	Error-related negativity is mediated by fractional anisotropy in the posterior cingulate gyrusa study combining diffusion tensor imaging and electrophysiology in healthy adults. <i>Cerebral Cortex</i> , 2009 , 19, 293-304	5.1	64
224	Pathways to language: fiber tracts in the human brain. 2009 , 13, 175-81		373
223	A systematic review of diffusion tensor imaging studies in affective disorders. 2009 , 66, 814-23		223
222	Voxel-wise assessment of progression of regional brain atrophy in relapsing-remitting multiple sclerosis. 2009 , 282, 55-60		56
221	Imaging Structure and Function. 2009 , 461-480		1
220	Regional DTI differences in multiple sclerosis patients. <i>NeuroImage</i> , 2009 , 44, 1397-403	7.9	296
219	Assessing the effects of age on long white matter tracts using diffusion tensor tractography. <i>Neurolmage</i> , 2009 , 46, 530-41	7.9	327
218	Using diffusion imaging to study human connectional anatomy. 2009 , 32, 75-94		248
217	Lower orbital frontal white matter integrity in adolescents with bipolar I disorder. 2009, 48, 79-86		96
216	Recent diffusion tensor imaging findings in early stages of schizophrenia. 2009 , 22, 168-76		84

215	Behavioural relevance of variation in white matter microstructure. 2010 , 23, 351-8	135
214	Voxel-based analysis of the diffusion tensor. 2010 , 52, 699-710	53
213	Staging perspectives in neurodevelopmental aspects of neuropsychiatry: agents, phases and ages at expression. 2010 , 18, 287-305	14
212	MR diffusion tensor imaging: a window into white matter integrity of the working brain. 2010 , 20, 209-25	169
211	Adolescent brain development and the risk for alcohol and other drug problems. 2010 , 20, 398-413	322
2 10	Longitudinal characterization of white matter maturation during adolescence. 2010 , 1327, 38-46	169
209	Cannabidiol induces intracellular calcium elevation and cytotoxicity in oligodendrocytes. 2010 , 58, 1739-47	42
208	A tract-specific framework for white matter morphometry combining macroscopic and microscopic tract features. 2010 , 14, 666-73	41
207	Delay discounting behavior and white matter microstructure abnormalities in youth with a family history of alcoholism. 2010 , 34, 1590-602	96
206	Neuroimaging of cortical development and brain connectivity in human newborns and animal models. 2010 , 217, 418-28	51
205	Neurobiology of TBI sustained during development. 18-35	
204	Diabetes and the Brain. 2010 ,	3
203	Diffusion tensor imaging (DTI) in dementia patients with frontal lobe symptoms. 2010 , 51, 662-8	5
202	Corpus callosum and inferior forebrain white matter microstructure are related to functional outcome from raised intracranial pressure in child traumatic brain injury. 2010 , 32, 374-84	27
201	White matter development in adolescence: a DTI study. <i>Cerebral Cortex</i> , 2010 , 20, 2122-31 5.1	348
200	Age-related changes in grey and white matter structure throughout adulthood. <i>NeuroImage</i> , 2010 , 51, 943-51	336
199	Heritability of DTI and MTR in nine-year-old children. <i>NeuroImage</i> , 2010 , 53, 1085-92 7.9	62
198	Normal development of brain circuits. 2010 , 35, 147-68	761

(2011-2010)

197	Brain maturation in adolescence and young adulthood: regional age-related changes in cortical thickness and white matter volume and microstructure. <i>Cerebral Cortex</i> , 2010 , 20, 534-48	5.1	544
196	Life-span changes of the human brain white matter: diffusion tensor imaging (DTI) and volumetry. <i>Cerebral Cortex</i> , 2010 , 20, 2055-68	5.1	533
195	Similarities in speech and white matter characteristics in idiopathic developmental stuttering and adult-onset stuttering. 2010 , 23, 455-469		18
194	Gender differences in the relationship between white matter organization and adolescent substance use disorders. 2010 , 110, 55-61		32
193	White matter development during adolescence as shown by diffusion MRI. 2010 , 72, 16-25		172
192	Neurocognitive correlates of white matter quality in adolescent substance users. 2010 , 72, 347-54		67
191	White matter integrity and pictorial reasoning in high-functioning children with autism. 2010 , 73, 180-8	3	57
190	Rhesus macaque brain morphometry: a methodological comparison of voxel-wise approaches. 2010 , 50, 157-65		61
189	Longitudinal changes in grey and white matter during adolescence. <i>NeuroImage</i> , 2010 , 49, 94-103	7.9	302
188	White matter architecture rather than cortical surface area correlates with the EEG alpha rhythm. <i>NeuroImage</i> , 2010 , 49, 2328-39	7.9	101
187	Atypical development of white matter microstructure in adolescents with autism spectrum disorders. <i>NeuroImage</i> , 2010 , 50, 873-82	7.9	181
186	Growth and development of the brain and impact on cognitive outcomes. 2010 , 65, 137-49; discussion 149-51		11
185	Diffusion MR imaging: basic principles. 2011 , 21, 1-25, vii		25
184	Regional heterogeneity in limbic maturational changes: evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011 , 55, 868-79	7.9	49
183	Neuroanatomical prerequisites for language functions in the maturing brain. <i>Cerebral Cortex</i> , 2011 , 21, 459-66	5.1	202
182	Neuroscience and Young Drivers. 2011 , 109-125		7
181	Differential development of human brain white matter tracts. PLoS ONE, 2011, 6, e23437	3.7	55
180	Morphometry and connectivity of the fronto-parietal verbal working memory network in development. 2011 , 49, 3854-62		87

179	Sex differences in adolescent white matter architecture. 2011 , 1375, 41-8		118
178	The Cerebral Cortex and Complex Cerebral Functions. 2011 , 711-809		1
177	Pre-attentive processing in children with early and continuously-treated PKU. Effects of concurrent Phe level and lifetime dietary control. 2011 , 34, 953-62		6
176	What does diffusion tensor imaging reveal about the brain and cognition in fetal alcohol spectrum disorders?. 2011 , 21, 133-47		77
175	The developing brain: from theory to neuroimaging and back. <i>Developmental Cognitive Neuroscience</i> , 2011 , 1, 101-9	5.5	89
174	Moderating registration misalignment in voxelwise comparisons of DTI data: a performance evaluation of skeleton projection. 2011 , 29, 111-25		75
173	Understanding higher level gait disturbances in mild dementia in order to improve rehabilitation: 'last in-first out'. 2011 , 35, 699-714		42
172	Assessment of white matter microstructural integrity in children with syndromic craniosynostosis: a diffusion-tensor imaging study. 2011 , 261, 534-41		17
171	Diffusion-tensor imaging assessment of white matter maturation in childhood and adolescence. 2011 , 197, 704-12		33
170	Correlation of quantitative diffusion tensor tractography with clinical grades of subacute sclerosing panencephalitis. 2011 , 32, 714-20		10
169	Language learning under working memory constraints correlates with microstructural differences in the ventral language pathway. <i>Cerebral Cortex</i> , 2011 , 21, 2742-50	5.1	48
168	Conceptual and methodological issues in neuroimaging studies of the effects of child maltreatment. 2011 , 165, 1133-4		1
167	Longitudinal development of human brain wiring continues from childhood into adulthood. <i>Journal of Neuroscience</i> , 2011 , 31, 10937-47	6.6	7 ⁸ 5
166	White matter development in adolescence: diffusion tensor imaging and meta-analytic results. 2012 , 38, 1308-17		159
165	References. 2012 , 81-91		
164	Microstructural abnormalities of white matter differentiate pediatric and adult-onset bipolar disorder. 2012 , 14, 597-606		43
163	Arrested development? Reconsidering dual-systems models of brain function in adolescence and disorders. 2012 , 16, 322-9		232
162	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

161	Diffusion MRI at 25: exploring brain tissue structure and function. <i>NeuroImage</i> , 2012 , 61, 324-41	7.9	305
160	Diffusion tensor imaging of white matter tract evolution over the lifespan. <i>NeuroImage</i> , 2012 , 60, 340-52	7.9	720
159	Investigating white matter development in infancy and early childhood using myelin water faction and relaxation time mapping. <i>NeuroImage</i> , 2012 , 63, 1038-53	7.9	252
158	Brain maturation: predicting individual BrainAGE in children and adolescents using structural MRI. Neurolmage, 2012 , 63, 1305-12	7.9	155
157	Diffusion tensor imaging in autism spectrum disorder: a review. 2012 , 5, 289-313		296
156	White matter abnormalities in children and adolescents with obsessive-compulsive disorder: a diffusion tensor imaging study. 2012 , 29, 780-8		47
155	Sensitive period for white-matter connectivity of superior temporal cortex in deaf people. <i>Human Brain Mapping</i> , 2012 , 33, 349-59	5.9	41
154	Multimodality evaluation of the pediatric brain: DTI and its competitors. 2013 , 43, 60-8		20
153	Mapping connectivity in the developing brain. 2013 , 31, 525-42		57
152	Genetics of ageing-related changes in brain white matter integrity - a review. 2013 , 12, 391-401		21
151	Imaging the Brain in Autism. 2013 ,		10
150	White matter characterization of adolescent binge drinking with and without co-occurring marijuana use: a 3-year investigation. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 214, 374-81	2.9	83
149	Sex Differences in Brain and Behavioral Development. 2013 , 467-499		9
148	Associations between fractional anisotropy and problematic alcohol use in juvenile justice-involved adolescents. 2013 , 39, 365-71		16
147	What is special about the adolescent (JME) brain?. 2013 , 28 Suppl 1, S45-51		9
146	White matter microstructure correlates of inhibition and task-switching in adolescents. 2013 , 1527, 15-25	8	42
145	The diminished interhemispheric connectivity correlates with negative symptoms and cognitive impairment in first-episode schizophrenia. 2013 , 150, 144-50		27
144	Longitudinal changes in white matter integrity among adolescent substance users. 2013 , 37 Suppl 1, E181-9		116

143	Tracking cerebral white matter changes across the lifespan: insights from diffusion tensor imaging studies. 2013 , 120, 1369-95		68
142	WITHDRAWN: Mapping Connectivity in the Developing Brain. 2013,		
141	Rethinking schizophrenia in the context of normal neurodevelopment. 2013, 7, 60		129
140	Structural Brain Development. 2013 , 207-230		2
139	Diffusion tensor imaging-based characterization of brain neurodevelopment in primates. <i>Cerebral Cortex</i> , 2013 , 23, 36-48	5.1	39
138	MR Spectroscopy of Pediatric Brain Disorders. 2013 ,		10
137	Adolescent brain development in normality and psychopathology. 2013, 25, 1325-45		88
136	White matter integrity as a link in the association between motivation to abstain and treatment outcome in adolescent substance users. 2013 , 27, 533-42		17
135	Graph theoretical analysis of developmental patterns of the white matter network. 2013, 7, 716		52
134	Language Development across the Life Span: A Neuropsychological/Neuroimaging Perspective. 2014 , 2014, 585237		36
133	Culture and Context Modify Neural Correlates of Adolescent Risk-Taking Behavior. 158-180		
132	MRI of the Brain. 2014 , 99-114		1
131	Present simple and continuous: emergence of self-regulation and contextual sophistication in adolescent decision-making. 2014 , 65, 302-12		8
130	Sex differences in white matter abnormalities after mild traumatic brain injury: localization and correlation with outcome. 2014 , 272, 815-23		52
129	Insula white matter volume linked to binge drinking frequency through enhancement motives in treated adolescents. 2014 , 38, 1932-40		15
128	Development of superficial white matter and its structural interplay with cortical gray matter in children and adolescents. <i>Human Brain Mapping</i> , 2014 , 35, 2806-16	5.9	46
127	Associations of white matter integrity and cortical thickness in patients with schizophrenia and healthy controls. 2014 , 40, 665-74		25
126	White matter integrity in alcohol-naive youth with a family history of alcohol use disorders. 2014 , 44, 2775-86		18

(2015-2014)

125	White matter alterations in early stages of schizophrenia: a systematic review of diffusion tensor imaging studies. 2014 , 24, 101-10		166
124	The triadic model perspective for the study of adolescent motivated behavior. 2014 , 89, 104-11		154
123	In vivo evaluation of optic nerve development in non-human primates by using diffusion tensor imaging. 2014 , 32, 64-8		8
122	Developmental stages and sex differences of white matter and behavioral development through adolescence: a longitudinal diffusion tensor imaging (DTI) study. <i>NeuroImage</i> , 2014 , 92, 356-68	7.9	270
121	Reprint of: Mapping connectivity in the developing brain. 2014 , 32, 41-57		16
120	Management of the Organ Transplant Recipient in the Transition from Pediatric to Adult Care. 2014 , 1475-1488		
119	A novel approach with "skeletonised MTR" measures tract-specific microstructural changes in early primary-progressive MS. <i>Human Brain Mapping</i> , 2014 , 35, 723-33	5.9	11
118	Synergistic Effects of Age on Patterns of White and Gray Matter Volume across Childhood and Adolescence. 2015 , 2,		15
117	Longitudinal changes in white matter microstructure after heavy cannabis use. <i>Developmental Cognitive Neuroscience</i> , 2015 , 16, 23-35	5.5	51
116	Comparison of automated brain segmentation using a brain phantom and patients with early Alzheimer's dementia or mild cognitive impairment. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 299	-305	29
115	Age-related changes in the intrinsic functional connectivity of the human ventral vs. dorsal striatum from childhood to middle age. <i>Developmental Cognitive Neuroscience</i> , 2015 , 11, 83-95	5.5	53
114	The effects of puberty on white matter development in boys. <i>Developmental Cognitive Neuroscience</i> , 2015 , 11, 116-28	5.5	47
113	White matter neuroanatomical differences in young children who stutter. 2015, 138, 694-711		89
112	White Matter Tracts Connected to the Medial Temporal Lobe Support the Development of Mnemonic Control. <i>Cerebral Cortex</i> , 2015 , 25, 2574-83	5.1	30
111	White matter structure in youth with behavioral and emotional dysregulation disorders: a probabilistic tractographic study. 2015 , 72, 367-76		25
110	White matter integrity and cognitive performance in school-age children: A population-based neuroimaging study. <i>NeuroImage</i> , 2015 , 119, 119-28	7.9	50
109	Age-related changes in functional connectivity between young adulthood and late adulthood. 2015 , 7, 4111-4122		5
108	A DTI tractography study in pre-readers at risk for dyslexia. <i>Developmental Cognitive Neuroscience</i> , 2015 , 14, 8-15	5.5	81

107	Structural connectivity of neural reward networks in youth at risk for substance use disorders. 2015 , 232, 2217-26		10
106	Disrupted developmental organization of the structural connectome in fetuses with corpus callosum agenesis. <i>Neurolmage</i> , 2015 , 111, 277-88	7.9	50
105	Poorer frontolimbic white matter integrity is associated with chronic cannabis use, FAAH genotype, and increased depressive and apathy symptoms in adolescents and young adults. 2015 , 8, 117-25		36
104	Atypical development of white matter microstructure of the corpus callosum in males with autism: a longitudinal investigation. 2015 , 6, 15		53
103	Annual research review: Growth connectomicsthe organization and reorganization of brain networks during normal and abnormal development. 2015 , 56, 299-320		130
102	Fiber tracking of the frontal aslant tract and subcomponents of the arcuate fasciculus in 5-8-year-olds: Relation to speech and language function. 2015 , 149, 66-76		40
101	White Matter Development is Potentially Influenced in Adolescents with Vertically Transmitted HIV Infections: A Tract-Based Spatial Statistics Study. 2015 , 36, 2163-9		13
100	Developmental white matter microstructure in autism phenotype and corresponding endophenotype during adolescence. <i>Translational Psychiatry</i> , 2015 , 5, e529	8.6	18
99	Epilepsy in Adolescents: Rational Treatment and Considerations. 2015 , 04, 130-136		
98	Review of diffusion tensor imaging and its application in children. 2015 , 45 Suppl 3, S375-81		10
97	Sleep variability in adolescence is associated with altered brain development. <i>Developmental Cognitive Neuroscience</i> , 2015 , 14, 16-22	5.5	71
96	Development of the uncinate fasciculus: Implications for theory and developmental disorders. Developmental Cognitive Neuroscience, 2015 , 14, 50-61	5.5	117
95	Structural alterations of the language connectome in children with specific language impairment. 2015 , 151, 35-41		15
94	A voxel-based morphometric study of age- and sex-related changes in white matter volume in the normal aging brain. 2016 , 12, 453-65		27
93	Diffusion Tensor Imaging of White Matter Injury Caused by Prematurity-Induced Hypoxic-Ischemic		7
	Brain Damage. 2016 , 22, 2167-74		
92	Characterization of the Fiber Connectivity Profile of the Cerebral Cortex in Schizotypal Personality Disorder: A Pilot Study. 2016 , 7, 809		4
92	Characterization of the Fiber Connectivity Profile of the Cerebral Cortex in Schizotypal Personality		

(2017-2017)

89	Impaired Frontal-Limbic White Matter Maturation in Children at Risk for Major Depression. <i>Cerebral Cortex</i> , 2017 , 27, 4478-4491	5.1	9
88	Multimodal MRI reveals structural connectivity differences in 22q11 deletion syndrome related to impaired spatial working memory. <i>Human Brain Mapping</i> , 2016 , 37, 4689-4705	5.9	7
87	Altered anterior-posterior connectivity through the arcuate fasciculus in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2016 , 37, 4425-4438	5.9	11
86	Brain white matter changes associated with urological chronic pelvic pain syndrome: multisite neuroimaging from a MAPP case-control study. 2016 , 157, 2782-2791		27
85	4 Diffusion Weighted Imaging and Diffusion Tensor Imaging of the Brain during Early Brain Development: The First Two Years of Life. 2016 ,		
84	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. <i>NeuroImage</i> , 2016 , 130, 194-213	7.9	59
83	Diffusion tensor imaging reveals adolescent binge ethanol-induced brain structural integrity alterations in adult rats that correlate with behavioral dysfunction. 2016 , 21, 939-53		43
82	Altered White Matter Microstructure in Adolescents and Adults with Bulimia Nervosa. 2016 , 41, 1841-8		15
81	Age-effects in white matter using associated diffusion tensor imaging and magnetization transfer ratio during late childhood and early adolescence. 2016 , 34, 529-34		18
80	Tractography atlas-based spatial statistics: Statistical analysis of diffusion tensor image along fiber pathways. <i>NeuroImage</i> , 2016 , 125, 301-310	7.9	16
79	Anterior Cortical Development During Adolescence in Bipolar Disorder. 2016 , 79, 303-10		26
78	Altered white matter integrity in whole brain and segments of corpus callosum, in young social drinkers with binge drinking pattern. 2017 , 22, 490-501		30
77	Coordinated brain development: exploring the synchrony between changes in grey and white matter during childhood maturation. <i>Brain Imaging and Behavior</i> , 2017 , 11, 808-817	4.1	13
76	The Neurobiology of Adolescent Self-Control. 2017 , 455-475		1
75	Age-related changes of white matter association tracts in normal children throughout adulthood: a diffusion tensor tractography study. 2017 , 59, 715-724		3
74	Subject-specific regional measures of water diffusion are associated with impairment in chronic spinal cord injury. 2017 , 59, 747-758		4
73	The details of structural disconnectivity in psychotic disorder: A family-based study of non-FA diffusion weighted imaging measures. 2017 , 1671, 121-130		5
72	Changes in White Matter Organization in Adolescent Offspring of Schizophrenia Patients. 2017 , 42, 495	5-501	9

71	Differential effects of social isolation in adolescent and adult mice on behavior and cortical gene expression. 2017 , 316, 245-254		39
70	. 2017,		24
69	Contextualized Contribution of Kindness to Favorable Goal- and Circumstantial-Driven Neuropsychological Regulation. 2017 , 8, 1643		
68	Exploring the role of white matter connectivity in cortex maturation. <i>PLoS ONE</i> , 2017 , 12, e0177466	3.7	16
67	Development of Right-hemispheric Dominance of Inferior Parietal Lobule in Proprioceptive Illusion Task. <i>Cerebral Cortex</i> , 2017 , 27, 5385-5397	5.1	18
66	A systematic literature review of sex differences in childhood language and brain development. 2018 , 114, 19-31		63
65	Self-Face Recognition Begins to Share Active Region in Right Inferior Parietal Lobule with Proprioceptive Illusion During Adolescence. <i>Cerebral Cortex</i> , 2018 , 28, 1532-1548	5.1	14
64	The development of brain white matter microstructure. <i>NeuroImage</i> , 2018 , 182, 207-218	7.9	191
63	Age related diffusion and tractography changes in typically developing pediatric cervical and thoracic spinal cord. 2018 , 18, 784-792		8
62	Global white matter microstructural abnormalities associated with addiction liability score in drug naMe youth. <i>Brain Imaging and Behavior</i> , 2018 , 12, 274-283	4.1	1
61	N-Acetylcysteine for Nonsuicidal Self-Injurious Behavior in Adolescents: An Open-Label Pilot Study. 2018 , 28, 136-144		16
60	Abnormal fronto-parietal white matter organisation in the superior longitudinal fasciculus branches in autism spectrum disorders. 2018 , 47, 652-661		20
59	Developmental trajectory of the prefrontal cortex: a systematic review of diffusion tensor imaging studies. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1197-1210	4.1	18
58	Diffusion MRI of white matter microstructure development in childhood and adolescence: Methods, challenges and progress. <i>Developmental Cognitive Neuroscience</i> , 2018 , 33, 161-175	5.5	71
57	Longitudinal Diffusion Tensor Imaging Study of Adolescents and Young Adults With Bipolar Disorder. 2018 , 57, 111-117		12
56	Brain white matter structure and language ability in preschool-aged children. 2018 , 176, 19-25		34
55	Preliminary evidence from a prospective DTI study suggests a posterior-to-anterior pattern of recovery in college athletes with sports-related concussion. 2018 , 8, e01165		9
54	JPP Student Journal Club Commentary: Adolescent Condom Use and Connectivity in the Social-Planful Brain. 2018 , 43, 831-833		

(2020-2018)

53	The Relationship between White Matter and Reading Acquisition, Refinement and Maintenance. 2018 , 40, 209-222		6
52	The Influence of Myelin Oligodendrocyte Glycoprotein on White Matter Abnormalities in Different Onset Age of Drug-Nalle Depression. <i>Frontiers in Psychiatry</i> , 2018 , 9, 186	5	6
51	Cerebral White Matter Changes in Young Healthy Individuals With High Trait Anxiety: A Tract-Based Spatial Statistics Study. <i>Frontiers in Neurology</i> , 2018 , 9, 704	4.1	16
50	Pediatric Traumatic Brain Injury. 2019 , 73-107		
49	Multimodal evidence for delayed threat extinction learning in adolescence and young adulthood. <i>Scientific Reports</i> , 2019 , 9, 7748	4.9	9
48	Gender Moderates Chronic Nicotine Cigarette Effects on Verbal Memory in Young Adults. <i>Substance Use and Misuse</i> , 2019 , 54, 1812-1824	2.2	2
47	Alterations in white matter microstructure and cortical thickness in individuals at ultra-high risk of psychosis: A multimodal tractography and surface-based morphometry study. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 289, 26-36	2.9	7
46	Global and regional white matter development in early childhood. <i>NeuroImage</i> , 2019 , 196, 49-58	7.9	46
45	A review of diffusion MRI of typical white matter development from early childhood to young adulthood. <i>NMR in Biomedicine</i> , 2019 , 32, e3778	4.4	136
44	Widespread Disrupted White Matter Microstructure in Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2019 , 49, 2664-2674	4.6	18
43	Nicotine Effects on White Matter Microstructure in Young Adults. <i>Archives of Clinical Neuropsychology</i> , 2019 , 35, 10-21	2.7	6
42	White matter microstructure relates to lassitude but not diagnosis in adolescents with depression. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1507-1520	4.1	2
41	A Multidimensional Neural Maturation Index Reveals Reproducible Developmental Patterns in Children and Adolescents. <i>Journal of Neuroscience</i> , 2020 , 40, 1265-1275	6.6	17
40	Differences in attentional control and white matter microstructure in adolescents with attentional, affective, and behavioral disorders. <i>Brain Imaging and Behavior</i> , 2020 , 14, 599-614	4.1	2
39	Is the Adolescent Brain at Greater Vulnerability to the Effects of Cannabis? A Narrative Review of the Evidence. <i>Frontiers in Psychiatry</i> , 2020 , 11, 859	5	16
38	Neuroscience of Language Development. 2020 , 378-378		
37	Individual differences in accumbofrontal tract integrity relate to risky decisions under stress in adolescents and adults. <i>Developmental Cognitive Neuroscience</i> , 2020 , 45, 100859	5.5	3
36	Exploring white matter microstructure and the impact of antipsychotics in adolescent-onset psychosis. <i>PLoS ONE</i> , 2020 , 15, e0233684	3.7	4

35	Thalamic Volume Is Related to Increased Anterior Thalamic Radiations in Children with Reactive Attachment Disorder. <i>Cerebral Cortex</i> , 2020 , 30, 4238-4245	5.1	2
34	Maria Montessori and Neuroscience: The Trailblazing Insights of an Exceptional Mind. <i>Neuroscientist</i> , 2020 , 26, 394-401	7.6	2
33	Lifetime Alcohol Use Influences the Association Between Future-Oriented Thought and White Matter Microstructure in Adolescents. <i>Alcohol and Alcoholism</i> , 2021 , 56, 708-714	3.5	
32	Exploring the Relationship between Gray and White Matter in Healthy Adults: A Hybrid Research of Cortical Reconstruction and Tractography. <i>BioMed Research International</i> , 2021 , 2021, 6628506	3	
31	Spatiotemporal dynamics of nonhuman primate white matter development during the first year of life. <i>NeuroImage</i> , 2021 , 231, 117825	7.9	1
30	A history of previous childbirths is linked to women's white matter brain age in midlife and older age. <i>Human Brain Mapping</i> , 2021 , 42, 4372-4386	5.9	5
29	Crystallinity characterization of white matter in the human brain. New Journal of Physics, 2021, 23, 0730	047 9	3
28	The Impact of Common Epidemiological Factors on Gray and White Matter Volumes in Magnetic Resonance Imaging-Is Prevention of Brain Degeneration Possible?. <i>Frontiers in Neurology</i> , 2021 , 12, 633	61.9	0
27	Alcohol and Cannabis Use and the Developing Brain. Alcohol Research: Current Reviews, 2021, 41, 11	6.8	1
26	Brain Development During Adolescence. 2012 , 1213-1229		2
25	Diffusion Tensor Magnetic Resonance Imaging in Autism. 2013 , 179-230		1
24	Structural brain development. 2020 , 289-317		2
23	Brain white matter structure and language ability in preschool-aged children.		2
22	Adolescent engagement in dangerous behaviors is associated with increased white matter maturity of frontal cortex. <i>PLoS ONE</i> , 2009 , 4, e6773	3.7	62
21	Integration of Measures of Functional and Structural MRI. Neuromethods, 2009, 785-809	0.4	
20	Anatomical Imaging: Volumetric Analysis. 2010 , 31-45		
19	The central nervous system. 2011 , 887-1036		
18	[H Magnetic Resonance Spectroscopy of the Brain During Adolescence: Normal Brain Development and Neuropsychiatric Disorders. 2013 , 193-212		

13,565

Changes in brain morphology and working memory capacity over childhood. 17 Diffusion MRI of white matter microstructure development in childhood and adolescence: 16 Methods, challenges and progress. Multimodal evidence for delayed fear extinction in adolescence and young adulthood. 15 Global and regional white matter development in early childhood. 14 Impact of second-generation antipsychotics on white matter microstructure in adolescent-onset 13 psychosis. Multidimensional brain-age prediction reveals altered brain developmental trajectory in psychiatric 12 disorders. Sex differences in brain and behavioral development. 2020, 585-638 11 2 The Cerebral Cortex and Complex Cerebral Functions. 2020, 831-952 10 Associations between attention-deficit hyperactivity disorder (ADHD) symptom remission and О 9 white matter microstructure: A longitudinal analysis.. JCPP Advances, 2021, 1, e12040 Associations between ADHD symptom remission and white matter microstructure: a longitudinal analysis. A history of previous childbirths is linked to women white matter brain age in midlife and older O age. Using brain imaging to unravel the mysteries of stuttering. Cerebrum: the Dana Forum on Brain Science, 2011, 2011, 12 The Effects of Alcohol and Cannabis Co-use on Neurocognitive Function, Brain Structure, and Brain 1.7 О Function. Current Behavioral Neuroscience Reports, 1 Multidimensional Brain-Age Prediction Reveals Altered Brain Developmental Trajectory in 5.1 1 Psychiatric Disorders.. Cerebral Cortex, 2022, A dynamic relation between whole-brain white matter microstructural integrity and anxiety 8.6 \circ symptoms in preadolescent females with pathological anxiety.. Translational Psychiatry, 2022, 12, 57 Trajectories of brain entropy across lifetime estimated by resting state functional magnetic 5.9 resonance imaging. Human Brain Mapping, Porcine Model of the Growing Spinal Cord@hanges in Diffusion Tensor Imaging Parameters. 2023,

 \circ