Diffusion tensor imaging and tractography of human brain development

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#	Paper	IF	Citations
182	Imaging of the neonatal CNS. **2006**, 60, 133-51		12
181	Injury and recovery in the developing brain: evidence from functional MRI studies of prematurely born children. **2007**, 3, 558-71		31
180	The normal neonatal brain: MR imaging, diffusion tensor imaging, and 3D MR spectroscopy in healthy term neonates. **2007**, 28, 1015-21		53
179	Assessing disease severity in late infantile neuronal ceroid lipofuscinosis using quantitative MR diffusion-weighted imaging. **2007**, 28, 1232-6		26
178	Neuroimaging of the child with developmental delay. **2007**, 18, 75-92		10
177	Diffusion tensor imaging demonstrates focal lesions of the corticospinal tract in hemiparetic patients with cerebral palsy. **2007**, 420, 34-8		51
176	Diffusion tensor imaging with tract-based spatial statistics reveals local white matter abnormalities in preterm infants. *NeuroImage*, **2007**, 35, 1021-7	7.9	262
175	Quantitative diffusion tensor tractography of association and projection fibers in normally developing children and adolescents. *Cerebral Cortex*, **2007**, 17, 2760-8	5.1	240
174	Comparative evaluation of the cerebral and cerebellar white matter development in pediatric age group using quantitative diffusion tensor imaging. **2008**, 7, 392-400		54
173	3T MR with diffusion tensor imaging and single-voxel spectroscopy in giant axonal neuropathy. **2008**, 28, 236-41		5
172	Asynchrony of the early maturation of white matter bundles in healthy infants: quantitative landmarks revealed noninvasively by diffusion tensor imaging. *Human Brain Mapping*, **2008**, 29, 14-27	5.9	284
171	Can we use diffusion MRI as a bio-marker of neurodegenerative processes?. **2008**, 30, 1235-45		31
170	Is diffusion anisotropy an accurate monitor of myelination? Correlation of multicomponent T2 relaxation and diffusion tensor anisotropy in human brain. **2008**, 26, 874-88		186
169	[White matter anatomy using tensor diffusion tractography]. **2008**, 50, 99-111		3
168	Quantitative DTI assessment of periventricular white matter changes in neonatal meningitis. **2008**, 30, 334-41		17
167	The teen brain: insights from neuroimaging. **2008**, 42, 335-43		526
166	Diffusion tensor imaging: structural adaptive smoothing. *NeuroImage*, **2008**, 39, 1763-73	7.9	41

165	Accelerated cerebral white matter development in preterm infants: a voxel-based morphometry study with diffusion tensor MR imaging. *NeuroImage*, **2008**, 41, 728-34	7.9	74
164	Arrested development and disrupted callosal microstructure following pediatric traumatic brain injury: relation to neurobehavioral outcomes. *NeuroImage*, **2008**, 42, 1305-15	7.9	143
163	Transcranial magnetic stimulation in children. **2008**, 119, 973-84		84
162	Imaging of Central Nervous System Disease in Pediatrics. **2008**, 114-122		
161	Structural dissociation of attentional control and memory in adults with and without mild traumatic brain injury. **2008**, 131, 3209-21		253
160	Diffusion tensor MR imaging and fiber tractography: theoretic underpinnings. **2008**, 29, 632-41		339
159	Extent of microstructural white matter injury in postconcussive syndrome correlates with impaired cognitive reaction time: a 3T diffusion tensor imaging study of mild traumatic brain injury. **2008**, 29, 967-73		473
158	Diffusion tensor MR imaging and fiber tractography: technical considerations. **2008**, 29, 843-52		299
157	Brain Development. **2008**, 211-225		2
156	Clinical Applications of Diffusion Tensor Imaging. **2008**, 2, MRI.S952		1
155	Abnormal integrity of corticocortical tracts in mild cognitive impairment: a diffusion tensor imaging study. **2008**, 23, 477-83		68
154	Neuroimaging in the evaluation of pattern and timing of fetal and neonatal brain abnormalities. 209-231		
153	DTI in Development and Aging. **2009**, 205-236		6
152	Linking white and grey matter in schizophrenia: oligodendrocyte and neuron pathology in the prefrontal cortex. **2009**, 3, 9		59
151	Developmental changes in cognitive control through adolescence. **2009**, 37, 233-78		240
150	Variability of homotopic and heterotopic callosal connectivity in partial agenesis of the corpus callosum: a 3T diffusion tensor imaging and Q-ball tractography study. **2009**, 30, 282-9		101
149	Lower diffusion in white matter of children with prenatal methamphetamine exposure. *Neurology*, **2009**, 72, 2068-75	6.5	66
148	The maturation of incentive processing and cognitive control. **2009**, 93, 212-21		170

147	Imaging biomarkers of outcome in the developing preterm brain. **2009**, 8, 1042-55		296
146	Changes in the interaction of resting-state neural networks from adolescence to adulthood. *Human Brain Mapping*, **2009**, 30, 2356-66	5.9	212
145	Region-specific maturation of cerebral cortex in human fetal brain: diffusion tensor imaging and histology. *Neuroradiology*, **2009**, 51, 567-76	3.2	38
144	Neurostructural imaging findings in children with post-traumatic stress disorder: brief review. **2009**, 63, 1-8		49
143	The developmental cognitive neuroscience of functional connectivity. **2009**, 70, 1-12		78
142	MRI of neuronal network structure, function, and plasticity. **2009**, 175, 483-96		44
141	Inferring Microstructural Information of White Matter from Diffusion MRI. **2009**, 127-146		6
140	Long-term outcome of preterm infants and the role of neuroimaging. *Clinics in Perinatology*, **2009**, 36, 773-89, vi	2.8	25
139	Combinatorial fiber-tracking of the human brain. *NeuroImage*, **2009**, 48, 532-40	7.9	19
138	Age-related cognitive gains are mediated by the effects of white matter development on brain network integration. *NeuroImage*, **2009**, 48, 738-46	7.9	55
137	Pediatric neuroimaging. **2009**, 27, 285-301, x		10
136	Advances in magnetic resonance neuroimaging. **2009**, 27, 1-19, xiii		24
135	Anisotropy of callosal motor fibers in combination with transcranial magnetic stimulation in the course of motor development. **2009**, 44, 279-84		32
134	Diffusion tensor MRI of the corpus callosum and cognitive function in adults born preterm. **2009**, 20, 424-8		64
133	Dependence of brain DTI maps of fractional anisotropy and mean diffusivity on the number of diffusion weighting directions. **2009**, 11, 2927		45
132	Brain lesions in preterm infants: initial diagnosis and follow-up. **2010**, 40, 811-8		17
131	Quantification of the spatiotemporal microstructural organization of the human brain association, projection and commissural pathways across the lifespan using diffusion tensor tractography. **2010**, 214, 361-73		93
130	The basics of brain development. **2010**, 20, 327-48		943

129	Basic principles and concepts underlying recent advances in magnetic resonance imaging of the developing brain. *Seminars in Perinatology*, **2010**, 34, 3-19	3.3	28
128	Understanding brain injury and neurodevelopmental disabilities in the preterm infant: the evolving role of advanced magnetic resonance imaging. *Seminars in Perinatology*, **2010**, 34, 57-66	3.3	80
127	FRATS: Functional Regression Analysis of DTI Tract Statistics. **2010**, 29, 1039-49		27
126	Whole brain-based analysis of regional white matter tract alterations in rare motor neuron diseases by diffusion tensor imaging. *Human Brain Mapping*, **2010**, 31, 1727-40	5.9	89
125	Individual Differences in Distinct Components of Attention are Linked to Anatomical Variations in Distinct White Matter Tracts. **2010**, 4, 2		88
124	Changes of MR and DTI appearance in early human brain development. **2010**, 7623,		2
123	Quantitative fiber tracking of the optic radiation is correlated with visual-evoked potential amplitude in preterm infants. **2010**, 31, 1424-9		28
122	Kallmann syndrome and mirror movements: White matter quantitative evaluation with magnetic resonance imaging. **2010**, 292, 40-4		12
121	A diffusion tensor imaging study of deep gray and white matter brain maturation differences between patients with spina bifida cystica and healthy controls. **2010**, 17, 879-85		10
120	White matter development during adolescence as shown by diffusion MRI. **2010**, 72, 16-25		172
119	Optimization of in vivo high-resolution DTI of non-human primates on a 3T human scanner. **2010**, 50, 205-13		11
118	Age-related decline in the microstructural integrity of white matter in children with early- and continuously-treated PKU: a DTI study of the corpus callosum. **2010**, 99 Suppl 1, S41-6		29
117	Atypical development of white matter microstructure in adolescents with autism spectrum disorders. *NeuroImage*, **2010**, 50, 873-82	7.9	181
116	FADTTS: functional analysis of diffusion tensor tract statistics. *NeuroImage*, **2011**, 56, 1412-25	7.9	59
115	Non-Gaussian diffusion in human brain tissue at high b-factors as examined by a combined diffusion kurtosis and biexponential diffusion tensor analysis. *NeuroImage*, **2011**, 57, 1087-102	7.9	47
114	Longitudinal regression analysis of spatial-temporal growth patterns of geometrical diffusion measures in early postnatal brain development with diffusion tensor imaging. *NeuroImage*, **2011**, 58, 993-1005	7.9	13
113	Animal Models of Behavioral Analysis. *Neuromethods*, **2011**,	0.4	3
112	A Fractional Langevin Equation Approach to Diffusion Magnetic Resonance Imaging. **2011**, 279-378		1

111	Quantification of age- and gender-related changes in diffusion tensor imaging indices in deep grey matter of the normal human brain. **2011**, 18, 193-6		40
110	Structural Brain Magnetic Resonance Imaging of Typically Developing Children and Adolescents. 23-40		2
109	Intraoperative high-field magnetic resonance imaging combined with fiber tract neuronavigation-guided resection of cerebral lesions involving optic radiation. *Neurosurgery*, **2011**, 69, 1070-84; discussion 1084	3.2	43
108	Human soleus muscle architecture at different ankle joint angles from magnetic resonance diffusion tensor imaging. **2011**, 110, 807-19		58
107	Diffusion and volumetry abnormalities in subcortical nuclei of patients with absence seizures. **2011**, 52, 1092-9		42
106	Blepharophimosis mental retardation syndrome Say-Barber/Biesecker/Young-Simpson type - new findings with neuroimaging. **2011**, 155A, 634-7		7
105	Loss of neuronal integrity during progressive HIV-1 infection of humanized mice. **2011**, 31, 3148-57		93
104	Acute effects of alcohol on the human brain: diffusion tensor imaging study. **2012**, 33, 928-34		30
103	Brain development during the preschool years. **2012**, 22, 313-33		194
102	Diffusion tensor imaging of the maturing paediatric cervical spinal cord: from the neonate to the young adult. **2012**, 39, 142-8		13
101	Common data elements for neuroimaging of traumatic brain injury: pediatric considerations. **2012**, 29, 629-33		30
100	Semiparametric Bayesian local functional models for diffusion tensor tract statistics. *NeuroImage*, **2012**, 63, 460-74	7.9	2
99	The role of brain MRI scanning in the newborn. **2012**, 22, 155-159		1
98	Diffusion MRI of the neonate brain: acquisition, processing and analysis techniques. **2012**, 42, 1169-82		40
97	MR connectomics: a conceptual framework for studying the developing brain. **2012**, 6, 43		76
96	Independent component analysis of DTI reveals multivariate microstructural correlations of white matter in the human brain. *Human Brain Mapping*, **2012**, 33, 1431-51	5.9	28
95	Cigarette smoking and white matter microstructure in schizophrenia. **2012**, 201, 152-8		26
94	Regional brain axial and radial diffusivity changes during development. *Journal of Neuroscience Research*, **2012**, 90, 346-55	4.4	75

93	Mean diffusivity in the amygdala correlates with anxiety in pediatric TBI. *Brain Imaging and Behavior* , **2012**, 6, 36-48	4.1	20
92	Taste and smell function in chronic disease: a review of clinical and biochemical evaluations of taste and smell dysfunction in over 5000 patients at The Taste and Smell Clinic in Washington, DC. **2013**, 34, 477-89		56
91	Anatomical characterization of athetotic and spastic cerebral palsy using an atlas-based analysis. **2013**, 38, 288-98		20
90	Surface based analysis of diffusion orientation for identifying architectonic domains in the in vivo human cortex. *NeuroImage*, **2013**, 69, 87-100	7.9	100
89	CST recovery in pediatric hemiplegic patients: Diffusion tensor tractography study. **2013**, 557 Pt B, 79-83		12
88	Abnormal white matter microstructure in children with sensory processing disorders. *NeuroImage: Clinical*, **2013**, 2, 844-53	5.3	91
87	An ontology-based segmentation scheme for tracking postnatal changes in the developing rodent brain with MRI. *NeuroImage*, **2013**, 67, 375-84	7.9	16
86	Diffusion tensor imaging of normal brain development. **2013**, 43, 15-27		99
85	Multiscale adaptive generalized estimating equations for longitudinal neuroimaging data. *NeuroImage*, **2013**, 72, 91-105	7.9	30
84	Quantitative MRI in the very preterm brain: assessing tissue organization and myelination using magnetization transfer, diffusion tensor and T□maging. *NeuroImage*, **2013**, 64, 505-16	7.9	70
83	Associations between white matter microstructure and infantsTworking memory. *NeuroImage*, **2013**, 64, 156-66	7.9	76
82	Neuroimaging of Addiction. *Journal of Addictions Nursing*, **2013**, 24, 63-68	0.7	1
81	Diffusion-Weighted and Diffusion Tensor Imaging: Applications in Skeletal Muscles. *Medical Radiology*, **2013**, 69-85	0.2	
80	Cortical depth dependence of the diffusion anisotropy in the human cortical gray matter in vivo. *PLoS ONE*, **2014**, 9, e91424	3.7	26
79	Neural correlates of impaired vision in adolescents born extremely preterm and/or extremely low birthweight. *PLoS ONE*, **2014**, 9, e93188	3.7	14
78	Factors affecting the voxel-based analysis of diffusion tensor imaging. *Science Bulletin*, **2014**, 59, 4077-4085		1
77	Diffusion Tensor Imaging in the Study of Aging and Age-Associated Neural Disease. **2014**, 257-281		7
76	Altered resting-state functional and white matter tract connectivity in stroke patients with dysphagia. *Neurorehabilitation and Neural Repair*, **2014**, 28, 260-72	4.7	20

75	FMEM: functional mixed effects modeling for the analysis of longitudinal white matter Tract data. *NeuroImage*, **2014**, 84, 753-64	7.9	17
74	Magnetic resonance diffusion tractography of the preterm infant brain: a systematic review. *Developmental Medicine and Child Neurology*, **2014**, 56, 113-24	3.3	35
73	Diffusion-tensor MRI at 3 T: differentiation of central gland prostate cancer from benign prostatic hyperplasia. *American Journal of Roentgenology*, **2014**, 202, W254-62	5.4	20
72	Alterations in the optic radiations of very preterm children-Perinatal predictors and relationships with visual outcomes. *NeuroImage: Clinical*, **2014**, 4, 145-53	5.3	23
71	The role of neuroimaging in predicting neurodevelopmental outcomes of preterm neonates. *Clinics in Perinatology*, **2014**, 41, 257-83	2.8	83
70	Inferring Microstructural Information of White Matter from Diffusion MRI. **2014**, 185-208		2
69	Neuroimaging endophenotypes in autism spectrum disorder. *CNS Spectrums*, **2015**, 20, 412-26	1.8	25
68	Accelerated corpus callosum development in prematurity predicts improved outcome. *Human Brain Mapping*, **2015**, 36, 3733-48	5.9	19
67	Brain structural and microstructural alterations associated with cerebral palsy and motor impairments in adolescents born extremely preterm and/or extremely low birthweight. *Developmental Medicine and Child Neurology*, **2015**, 57, 1168-75	3.3	15
66	Thinner Retinal Nerve Fiber Layer in Very Preterm Versus Term Infants and Relationship to Brain Anatomy and Neurodevelopment. *American Journal of Ophthalmology*, **2015**, 160, 1296-1308.e2	4.9	34
65	Cerebral maturation in the early preterm period-A magnetization transfer and diffusion tensor imaging study using voxel-based analysis. *NeuroImage*, **2015**, 112, 30-42	7.9	25
64	MRI evaluation and safety in the developing brain. *Seminars in Perinatology*, **2015**, 39, 73-104	3.3	86
63	Brain and Cognitive Development. **2015**, 1-54		14
62	Tubers are neither static nor discrete: Evidence from serial diffusion tensor imaging. *Neurology*, **2015**, 85, 1536-45	6.5	20
61	High-density electroencephalography developmental neurophysiological trajectories. *Developmental Medicine and Child Neurology*, **2015**, 57 Suppl 3, 44-7	3.3	0
60	Development of the uncinate fasciculus: Implications for theory and developmental disorders. *Developmental Cognitive Neuroscience*, **2015**, 14, 50-61	5.5	117
59	Psychopathic traits modulate microstructural integrity of right uncinate fasciculus in a community population. *NeuroImage: Clinical*, **2015**, 8, 32-8	5.3	21
58	Update on neuroimaging phenotypes of mid-hindbrain malformations. *Neuroradiology*, **2015**, 57, 113-38	3.2	34

57	Connectome and Maturation Profiles of the Developing Mouse Brain Using Diffusion Tensor Imaging. *Cerebral Cortex*, **2015**, 25, 2696-706	5.1	15
56	Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT7 receptor agonist. *Psychopharmacology*, **2015**, 232, 75-89	4.7	29
55	Diffusion Tensor Imaging: A Possible Biomarker in Severe Traumatic Brain Injury and Aneurysmal Subarachnoid Hemorrhage?. *Neurosurgery*, **2016**, 79, 786-793	3.2	17
54	Giving Voice to Consciousness. *Cambridge Quarterly of Healthcare Ethics*, **2016**, 25, 583-99	0.9	7
53	The contributions of resting state and task-based functional connectivity studies to our understanding of adolescent brain network maturation. *Neuroscience and Biobehavioral Reviews*, **2016**, 70, 13-32	9	62
52	Whole-brain changes in white matter microstructure after radiotherapy for nasopharyngeal carcinoma: a diffusion tensor imaging study. *European Archives of Oto-Rhino-Laryngology*, **2016**, 273, 4453-4459	3.5	21
51	Functional Connectivity of the Human Brain in Utero. *Trends in Cognitive Sciences*, **2016**, 20, 931-939	14	70
50	Long-range dysconnectivity in frontal and midline structures is associated to psychosis in 22q11.2 deletion syndrome. *Journal of Neural Transmission*, **2016**, 123, 823-39	4.3	30
49	Axon density and axon orientation dispersion in children born preterm. *Human Brain Mapping*, **2016** , 37, 3080-102	5.9	34
48	White Matter Microstructural Integrity and Neurobehavioral Outcome of HIV-Exposed Uninfected Neonates. *Medicine (United States)*, **2016**, 95, e2577	1.8	29
47	White matter abnormalities and impaired attention abilities in children born very preterm. *NeuroImage*, **2016**, 124, 75-84	7.9	45
46	Moderate and late preterm infants exhibit widespread brain white matter microstructure alterations at term-equivalent age relative to term-born controls. *Brain Imaging and Behavior*, **2016**, 10, 41-9	4.1	47
45	Implication of reward alterations in the expression of negative symptoms in 22q11.2 deletion syndrome: a behavioural and DTI study. *Psychological Medicine*, **2017**, 47, 1442-1453	6.9	6
44	Candidate Biomarkers in Children with Autism Spectrum Disorder: A Review of MRI Studies. *Neuroscience Bulletin*, **2017**, 33, 219-237	4.3	59
43	Microstructural and microglial changes after repetitive mild traumatic brain injury in mice. *Journal of Neuroscience Research*, **2017**, 95, 1025-1035	4.4	45
42	Diffusion Kurtosis Imaging Detects Microstructural Changes in the Brain after Acute Alcohol Intoxication in Rats. *BioMed Research International*, **2017**, 2017, 4757025	3	7
41	Novel Detection of Placental Insufficiency by Magnetic Resonance Imaging in the Nonhuman Primate. *Reproductive Sciences*, **2018**, 25, 64-73	3	26
40	Enhanced White Matter Integrity in Corpus Callosum of Long-Term Brahmakumaris Rajayoga Meditators. *Brain Connectivity*, **2018**, 8, 49-55	2.7	6

39	Software applications for the digital management radiological images in the study of the corticospinal tract. **2018**,		
38	Robotic TMS mapping of motor cortex in the developing brain. *Journal of Neuroscience Methods*, **2018**, 309, 41-54	3	17
37	Advances in the Visualization and the Study of the Pyramidal Tract with Magnetic Resonance Tractography. *Journal of Medical Systems*, **2019**, 43, 106	5.1	
36	The emergence of long-range language network structural covariance and language abilities. *NeuroImage*, **2019**, 191, 36-48	7.9	13
35	Proper timing for the evaluation of neonatal brain white matter development: a diffusion tensor imaging study. *European Radiology*, **2019**, 29, 1527-1537	8	3
34	Maturation and interhemispheric asymmetry in neurite density and orientation dispersion in early childhood. *NeuroImage*, **2020**, 221, 117168	7.9	4
33	New insights into the ontogeny of human vegetable consumption: From developmental brain and cognitive changes to behavior. *Developmental Cognitive Neuroscience*, **2020**, 45, 100830	5.5	3
32	Early parenting is associated with the developing brains of children born very preterm. *Clinical Neuropsychologist*, **2021**, 35, 885-903	4.4	6
31	Dietary Fructose Intake and Hippocampal Structure and Connectivity during Childhood. *Nutrients*, **2020**, 12,	6.7	5
30	Early childhood development of white matter fiber density and morphology. *NeuroImage*, **2020**, 210, 116552	7.9	25
29	Voxelwise and Regional Brain Apparent Diffusion Coefficient Changes on MRI from Birth to 6 Years of Age. *Radiology*, **2021**, 298, 415-424	20.5	4
28	Rest-fMRI Based Comparison Study between Autism Spectrum Disorder and Typically Control Using Graph Frequency Bands.		
27	Altered Cerebellar White Matter in Sensory Processing Dysfunction Is Associated With Impaired Multisensory Integration and Attention. *Frontiers in Psychology*, **2020**, 11, 618436	3.4	0
26	Diffusion Tensor Imaging of the Spinal Cord. *Magnetic Resonance Imaging Clinics of North America*, **2021**, 29, 195-204	1.6	0
25	Advances in Neuroimaging. **2021**, 107-137		2
24	Chapter 27 Immaturities in Incentive Processing and Executive Function in Adolescence. **2012**, 297-308		1
23	A Comparative Analysis of Cellular Morphological Differentiation Within the Cerebral Cortex Using Diffusion Tensor Imaging. *Neuromethods*, **2011**, 329-351	0.4	8
22	Possible axonal regrowth in late recovery from the minimally conscious state. *Journal of Clinical Investigation*, **2006**, 116, 2005-11	15.9	238

21	Abnormal anatomical connectivity between the amygdala and orbitofrontal cortex in conduct disorder. *PLoS ONE*, **2012**, 7, e48789	3.7	87
20	Gray Matter Microstructural Abnormalities and Working Memory Deficits in Individuals with Schizophrenia. *Psychiatry Investigation*, **2019**, 16, 234-243	3.1	6
19	Motor function outcomes of pediatric patients with hemiplegic cerebral palsy after rehabilitation treatment: a diffusion tensor imaging study. *Neural Regeneration Research*, **2015**, 10, 624-30	4.5	12
18	Maturation of Cerebral Connections and Fetal Behavior. *Donald School Journal of Ultrasound in Obstetrics and Gynecology*, **2008**, 2, 80-86	0.4	3
17	Overview. **2008**, 451-452		
16	Imaging Modalities. **2008**, 623-652		
15	Physical Principles of Diffusion Imaging. **2011**, 3-11		
14	Pediatric Neuroimaging. **2012**, e151-e184		
13	Chapter 32 Immaturities in Incentive Processing and Executive Function in Adolescence. **2013**, 349-360		
12	Surgery of developmental anomalies causing epilepsy. 878-886		
11	Current Techniques and Future Directions for Fetal MRI. **2016**, 21-33		
10	Early childhood development of white matter fiber density and morphology.		0
9	Maturation and interhemispheric asymmetry in neurite density and orientation dispersion in early childhood.		
8	Brain, Head, and Neck. **2008**, 169-533		
7	The Relevance of Immaturities in the Juvenile Brain to Culpability and Rehabilitation. *Hastings Law Journal*, **2012**, 63, 1469-1486		2
6	Applications of diffusion tensor imaging and fiber tractography. 36-37		
5	Rest-fMRI based comparison study between autism spectrum disorder and typically control using graph frequency bands. *Computers in Biology and Medicine*, **2022**, 105643	7	0
4	Topological analysis of brain dynamics in autism based on graph and persistent homology.		

3	Limb Length Discrepancy and Corticospinal Tract Disruption in Hemiplegic Cerebral Palsy. **2022**, 9, 1198	1
2	Topological analysis of brain dynamics in autism based on graph and persistent homology. **2022**, 150, 106202	0
1	Abdominal surgery plus sevoflurane exposure induces abnormal emotional changes and cognitive dysfunction in aged rats. **2023**, 442, 114328	0