

Wen-Yih Isaac Tseng

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

6,841
citations

136740

32
h-index

69108

77
g-index

134
all docs

134
docs citations

134
times ranked

8311
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping complex tissue architecture with diffusion spectrum magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 1377-1386.	1.9	1,228
2	Deterministic Diffusion Fiber Tracking Improved by Quantitative Anisotropy. <i>PLoS ONE</i> , 2013, 8, e80713.	1.1	812
3	Generalized q -Sampling Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1626-1635.	5.4	760
4	NTU-90: A high angular resolution brain atlas constructed by q-space diffeomorphic reconstruction. <i>NeuroImage</i> , 2011, 58, 91-99.	2.1	389
5	Validation of diffusion spectrum magnetic resonance imaging with manganese-enhanced rat optic tracts and ex vivo phantoms. <i>NeuroImage</i> , 2003, 19, 482-495.	2.1	205
6	Frequency-specific alterations in the amplitude of low-frequency fluctuations in schizophrenia. <i>Human Brain Mapping</i> , 2014, 35, 627-637.	1.9	197
7	Validation of Diffusion Tensor Magnetic Resonance Axonal Fiber Imaging with Registered Manganese-Enhanced Optic Tracts. <i>NeuroImage</i> , 2001, 14, 1035-1047.	2.1	176
8	CMR-Verified Diffuse Myocardial Fibrosis is Associated With Diastolic Dysfunction in HFpEF. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 991-997.	2.3	173
9	Optimization of diffusion spectrum imaging and q-ball imaging on clinical MRI system. <i>NeuroImage</i> , 2008, 41, 7-18.	2.1	151
10	Estimation of fiber orientation and spin density distribution by diffusion deconvolution. <i>NeuroImage</i> , 2011, 55, 1054-1062.	2.1	135
11	The loss of asymmetry and reduced interhemispheric connectivity in adolescents with autism: A study using diffusion spectrum imaging tractography. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 60-66.	0.9	110
12	Neurocognitive Improvement After Carotid Artery Stenting in Patients With Chronic Internal Carotid Artery Occlusion and Cerebral Ischemia. <i>Stroke</i> , 2011, 42, 2850-2854.	1.0	76
13	Altered Resting-State Frontoparietal Control Network in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 271-284.	1.2	76
14	Frequency Dependent Alterations in Regional Homogeneity of Baseline Brain Activity in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e57516.	1.1	74
15	Diffusion MRI connectometry automatically reveals affected fiber pathways in individuals with chronic stroke. <i>NeuroImage: Clinical</i> , 2013, 2, 912-921.	1.4	72
16	Renal Perfusion 3-T MR Imaging: A Comparative Study of Arterial Spin Labeling and Dynamic Contrast-enhanced Techniques. <i>Radiology</i> , 2011, 261, 845-853.	3.6	63
17	Washout gradient in dynamic contrast-enhanced MRI is associated with tumor aggressiveness of prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 912-919.	1.9	63
18	Regional brain volume differences between males with and without autism spectrum disorder are highly age-dependent. <i>Molecular Autism</i> , 2015, 6, 29.	2.6	62

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19	Normal Systolic and Diastolic Functions of the Left Ventricle and Left Atrium by Cine Magnetic Resonance Imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2003, 4, 443-457.	1.6	57
20	Functional mitral regurgitation in chronic ischemic coronary artery disease: Analysis of geometric alterations of mitral apparatus with magnetic resonance imaging. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 543-551.	0.4	56
21	Quantification of the pulse wave velocity of the descending aorta using axial velocity profiles from phase-contrast magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 876-883.	1.9	55
22	Sparse Solution of Fiber Orientation Distribution Function by Diffusion Decomposition. <i>PLoS ONE</i> , 2013, 8, e75747.	1.1	55
23	White matter tract integrity of frontostriatal circuit in attention deficit hyperactivity disorder: Association with attention performance and symptoms. <i>Human Brain Mapping</i> , 2014, 35, 199-212.	1.9	55
24	Automatic whole brain tract-based analysis using predefined tracts in a diffusion spectrum imaging template and an accurate registration strategy. <i>Human Brain Mapping</i> , 2015, 36, 3441-3458.	1.9	55
25	NTU's DSI122: A diffusion spectrum imaging template with high anatomical matching to the ICBM's 152 space. <i>Human Brain Mapping</i> , 2015, 36, 3528-3541.	1.9	52
26	White matter abnormalities of fronto-striato-thalamic circuitry in obsessive-compulsive disorder: A study using diffusion spectrum imaging tractography. <i>Psychiatry Research - Neuroimaging</i> , 2011, 192, 176-182.	0.9	46
27	Age-related vulnerabilities along the hippocampal longitudinal axis. <i>Human Brain Mapping</i> , 2012, 33, 2415-2427.	1.9	43
28	Hyperconnectivity of the Right Posterior Temporo-parietal Junction Predicts Social Difficulties in Boys with Autism Spectrum Disorder. <i>Autism Research</i> , 2015, 8, 427-441.	2.1	42
29	Task-Switching Performance Improvements After Tai Chi Chuan Training Are Associated With Greater Prefrontal Activation in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 280.	1.7	42
30	Development of frontoparietal connectivity predicts longitudinal symptom changes in young people with autism spectrum disorder. <i>Translational Psychiatry</i> , 2019, 9, 86.	2.4	40
31	The microstructural integrity of the corpus callosum and associated impulsivity in alcohol dependence: A tractography-based segmentation study using diffusion spectrum imaging. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 128-134.	0.9	39
32	Generalization of diffusion magnetic resonance imaging-based brain age prediction model through transfer learning. <i>NeuroImage</i> , 2020, 217, 116831.	2.1	39
33	A large deformation diffeomorphic metric mapping solution for diffusion spectrum imaging datasets. <i>NeuroImage</i> , 2012, 63, 818-834.	2.1	37
34	Brain-behavior patterns define a dimensional biotype in medication-naïve adults with attention-deficit hyperactivity disorder. <i>Psychological Medicine</i> , 2018, 48, 2399-2408.	2.7	37
35	Mossy fiber sprouting in pilocarpine-induced status epilepticus rat hippocampus: A correlative study of diffusion spectrum imaging and histology. <i>NeuroImage</i> , 2008, 41, 789-800.	2.1	36
36	Whole Brain White Matter Tract Deviation and Idiosyncrasy From Normative Development in Autism and ADHD and Unaffected Siblings Link With Dimensions of Psychopathology and Cognition. <i>American Journal of Psychiatry</i> , 2021, 178, 730-743.	4.0	36

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37	Reduced tract integrity of the model for social communication is a neural substrate of social communication deficits in autism spectrum disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017, 58, 576-585.	3.1	35
38	Magnetic Nanoparticles Conjugated with Peptides Derived from Monocyte Chemoattractant Protein-1 as a Tool for Targeting Atherosclerosis. <i>Pharmaceutics</i> , 2018, 10, 62.	2.0	34
39	AveLL: A robust lateralization index in functional magnetic resonance imaging using unbiased threshold-free computation. <i>Journal of Neuroscience Methods</i> , 2012, 205, 119-129.	1.3	32
40	Adverse prognosis and distinct progression patterns after concurrent chemoradiotherapy for glioblastoma with synchronous subventricular zone and corpus callosum invasion. <i>Radiotherapy and Oncology</i> , 2016, 118, 16-23.	0.3	32
41	Circulating biomarkers of collagen type I metabolism mark the right ventricular fibrosis and adverse markers of clinical outcome in adults with repaired tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2013, 167, 2963-2968.	0.8	31
42	Intratumoral injection of thermogelling and sustained-release carboplatin-loaded hydrogel simplifies the administration and remains the synergistic effect with radiotherapy for mice gliomas. <i>Biomaterials</i> , 2018, 151, 38-52.	5.7	31
43	Gene therapy improves brain white matter in aromatic amino acid decarboxylase deficiency. <i>Annals of Neurology</i> , 2019, 85, 644-652.	2.8	30
44	Fluid intelligence is associated with cortical volume and white matter tract integrity within multiple-demand system across adult lifespan. <i>NeuroImage</i> , 2020, 212, 116576.	2.1	30
45	Regional Cingulum Disruption, Not Gray Matter Atrophy, Detects Cognitive Changes in Amnesic Mild Cognitive Impairment Subtypes. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 125-138.	1.2	27
46	Does altered aortic flow in marfan syndrome relate to aortic root dilatation?. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 500-508.	1.9	27
47	Deficient visuospatial working memory functions and neural correlates of the default mode network in adolescents with autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 1058-1072.	2.1	26
48	Diminution of context association memory structure in subjects with subjective cognitive decline. <i>Human Brain Mapping</i> , 2018, 39, 2549-2562.	1.9	26
49	Effect of Cardiac Rehabilitation on Myocardial Perfusion Reserve in Postinfarction Patients. <i>American Journal of Cardiology</i> , 2008, 101, 1395-1402.	0.7	25
50	Disorder-specific Alteration in White Matter Structural Property in Adults With Autism Spectrum Disorder Relative to Adults With ADHD and Adult Controls. <i>Human Brain Mapping</i> , 2017, 38, 384-395.	1.9	25
51	Primary and secondary alterations of white matter connectivity in schizophrenia: A study on first-episode and chronic patients using whole-brain tractography-based analysis. <i>Schizophrenia Research</i> , 2015, 169, 54-61.	1.1	23
52	Premature white matter aging in patients with right mesial temporal lobe epilepsy: A machine learning approach based on diffusion MRI data. <i>NeuroImage: Clinical</i> , 2019, 24, 102033.	1.4	22
53	Introduction to Cardiovascular Magnetic Resonance: Technical Principles and Clinical Applications. <i>Acta Cardiologica Sinica</i> , 2016, 32, 129-44.	0.1	22
54	Altered integrity of the right arcuate fasciculus as a trait marker of schizophrenia: A sibling study using tractography-based analysis of the whole brain. <i>Human Brain Mapping</i> , 2015, 36, 1065-1076.	1.9	21

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55	White matter endophenotype candidates for ADHD: a diffusion imaging tractography study with sibling design. <i>Psychological Medicine</i> , 2020, 50, 1203-1213.	2.7	21
56	Generation and characterization of an ascitogenic mesothelin-expressing tumor model. <i>Cancer</i> , 2007, 110, 420-431.	2.0	20
57	Effect of Calcium Channel Blockers on Vertebral Bone Marrow Perfusion of the Lumbar Spine. <i>Radiology</i> , 2004, 231, 24-30.	3.6	19
58	ADHD symptoms map onto noise-driven structureâ€“function decoupling between hub and peripheral brain regions. <i>Molecular Psychiatry</i> , 2021, 26, 4036-4045.	4.1	19
59	Microstructural differences in white matter tracts across middle to late adulthood: a diffusion MRI study on 7167 UK Biobank participants. <i>Neurobiology of Aging</i> , 2021, 98, 160-172.	1.5	19
60	Neural substrates of phonological selection for Japanese character Kanji based on fMRI investigations. <i>NeuroImage</i> , 2010, 50, 1280-1291.	2.1	18
61	Contrast-enhanced MRI index of diffuse myocardial fibrosis is increased in primary aldosteronism. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 1349-1355.	1.9	17
62	Stable signatures of schizophrenia in the corticalâ€“subcorticalâ€“cerebellar network using fMRI of verbal working memory. <i>Schizophrenia Research</i> , 2013, 151, 133-140.	1.1	17
63	Altered Structureâ€“Function Relations of Semantic Processing in Youths with Highâ€“Functioning Autism: A Combined Diffusion and Functional <scp>MRI</scp> Study. <i>Autism Research</i> , 2013, 6, 561-570.	2.1	17
64	Ventricular geometric characteristics and functional benefit of mild right ventricular outflow tract obstruction in patients with significant pulmonary regurgitation after repair of tetralogy of Fallot. <i>American Heart Journal</i> , 2014, 167, 555-561.	1.2	17
65	The extent of edema and tumor synchronous invasion into the subventricular zone and corpus callosum classify outcomes and radiotherapy strategies of glioblastomas. <i>Radiotherapy and Oncology</i> , 2017, 125, 248-257.	0.3	16
66	Neural correlates of impaired self-regulation in male youths with autism spectrum disorder: A voxel-based morphometry study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 82, 233-241.	2.5	16
67	Visual processing as a potential endophenotype in youths with attentionâ€“deficit/hyperactivity disorder: A sibling study design using the counting Stroop functional MRI. <i>Human Brain Mapping</i> , 2018, 39, 3827-3835.	1.9	16
68	Reduced structural integrity and functional lateralization of the dorsal language pathway correlate with hallucinations in schizophrenia: A combined diffusion spectrum imaging and functional magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 303-310.	0.9	15
69	Association between C-reactive Protein and Type of Coronary Arterial Plaque in Asymptomatic Patients: Assessment with Coronary CT Angiography. <i>Radiology</i> , 2014, 272, 665-673.	3.6	15
70	Myocardial Regional Interstitial Fibrosis is Associated With Left Intra-Ventricular Dyssynchrony in Patients With Heart Failure: A Cardiovascular Magnetic Resonance Study. <i>Scientific Reports</i> , 2016, 6, 20711.	1.6	15
71	White matter microstructure disruptions mediate the adverse relationships between hypertension and multiple cognitive functions in cognitively intact older adults. <i>NeuroImage</i> , 2019, 197, 109-119.	2.1	15
72	Detecting bloodâ€“brain barrier disruption within minimal hemorrhage following transcranial focused ultrasound: A correlation study with contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 802-811.	1.9	14

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73	Conductive Channels Identified With Contrast-Enhanced MR Imaging Predict Ventricular Tachycardia in Systolic Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1152-1159.	2.3	14
74	Diffusion spectrum MRI using body-centered-cubic and half-sphere sampling schemes. <i>Journal of Neuroscience Methods</i> , 2013, 212, 143-155.	1.3	14
75	Altered white matter integrity in unaffected siblings of probands with autism spectrum disorders. <i>Human Brain Mapping</i> , 2017, 38, 6053-6067.	1.9	14
76	Shared and distinct alterations of white matter tracts in remitted and nonremitted patients with schizophrenia. <i>Human Brain Mapping</i> , 2018, 39, 2007-2019.	1.9	14
77	Altered frontal aslant tracts as a heritable neural basis of social communication deficits in autism spectrum disorder: A sibling study using tract-based automatic analysis. <i>Autism Research</i> , 2019, 12, 225-238.	2.1	14
78	Correction for Susceptibility-Induced Distortion in Echo-Planar Imaging Using Field Maps and Model-Based Point Spread Function. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1850-1857.	5.4	13
79	An Adaptive Directional Haar Framelet-Based Reconstruction Algorithm for Parallel Magnetic Resonance Imaging. <i>SIAM Journal on Imaging Sciences</i> , 2016, 9, 794-821.	1.3	13
80	Diffusion-weighted images in children with meningoencephalitis. <i>Clinical Imaging</i> , 2003, 27, 5-10.	0.8	12
81	Heterogeneous Aging Effects on Functional Connectivity in Different Cortical Regions: A Resting-State Functional MRI Study Using Functional Data Analysis. <i>PLoS ONE</i> , 2016, 11, e0162028.	1.1	12
82	Individualized prediction of schizophrenia based on the whole-brain pattern of altered white matter tract integrity. <i>Human Brain Mapping</i> , 2018, 39, 575-587.	1.9	12
83	Pulse sequence and timing of contrast-enhanced MRI for assessing blood-brain barrier disruption after transcranial focused ultrasound in the presence of hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1323-1330.	1.9	11
84	Diffusion MRI predicts transrectal ultrasound biopsy results in prostate cancer detection. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 356-363.	1.9	11
85	Validation of neuroimaging-based brain age gap as a mediator between modifiable risk factors and cognition. <i>Neurobiology of Aging</i> , 2022, 114, 61-72.	1.5	11
86	Mitral tetrahedron as a geometrical surrogate for chronic ischemic mitral regurgitation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1218-H1225.	1.5	10
87	Alterations in white matter microstructure and regional volume are related to motor functions in boys with autism spectrum disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 76-83.	2.5	10
88	Altered cortical structures and tract integrity of the mirror neuron system in association with symptoms of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 286-291.	0.9	9
89	White matter microstructural alterations in amblyopic adults revealed by diffusion spectrum imaging with systematic tract-based automatic analysis. <i>British Journal of Ophthalmology</i> , 2019, 103, 511-516.	2.1	9
90	Boys with autism spectrum disorder have distinct cortical folding patterns underpinning impaired self-regulation: a surface-based morphometry study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2464-2476.	1.1	9

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91	Apathy is associated with white matter network disruption and specific cognitive deficits in Parkinson's disease. <i>Psychological Medicine</i> , 2022, 52, 264-273.	2.7	9
92	Characterizing intrinsic functional connectivity in relation to impaired self-regulation in intellectually able male youth with autism spectrum disorder. <i>Autism</i> , 2020, 24, 1201-1216.	2.4	9
93	Detection of advanced brain aging in schizophrenia and its structural underpinning by using normative brain age metrics. <i>NeuroImage: Clinical</i> , 2022, 34, 103003.	1.4	9
94	Neurodevelopmental model of schizophrenia revisited: similarity in individual deviation and idiosyncrasy from the normative model of whole-brain white matter tracts and shared brain-cognition covariation with ADHD and ASD. <i>Molecular Psychiatry</i> , 2022, 27, 3262-3271.	4.1	9
95	Simultaneous temperature and magnetization transfer (MT) monitoring during high-intensity focused ultrasound (HIFU) treatment: Preliminary investigation on ex vivo porcine muscle. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 596-605.	1.9	8
96	Clinical Dementia Rating Scale Detects White Matter Changes in Older Adults at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 50, 411-423.	1.2	8
97	Altered Cortical Thickness and Tract Integrity of the Mirror Neuron System and Associated Social Communication in Autism Spectrum Disorder. <i>Autism Research</i> , 2015, 8, 694-708.	2.1	8
98	Hippocampal Atrophy Is Associated with Altered Hippocampus-Posterior Cingulate Cortex Connectivity in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. <i>American Journal of Neuroradiology</i> , 2017, 38, 626-632.	1.2	8
99	White matter network disruption and cognitive correlates underlying impaired memory awareness in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2021, 30, 102626.	1.4	8
100	Brain Age Difference at Baseline Predicts Clinical Dementia Rating Change in Approximately Two Years. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 613-627.	1.2	8
101	Complete excision of primary cardiac malignant fibrous histiocytoma involving the left atrial free wall and mitral annulus by modified autotransplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 731-733.	0.4	7
102	Advanced brain aging in multiple system atrophy compared to Parkinson's disease. <i>NeuroImage: Clinical</i> , 2022, 34, 102997.	1.4	7
103	Impaired Callosal Motor Fiber Integrity and Upper Extremity Motor Impairment Are Associated With Stroke Lesion Location. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 602-612.	1.4	6
104	Empirical Mode Decomposition and Monogenic Signal-Based Approach for Quantification of Myocardial Infarction From MR Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 731-743.	3.9	6
105	Association of self-regulation with white matter correlates in boys with and without autism spectrum disorder. <i>Scientific Reports</i> , 2020, 10, 13811.	1.6	6
106	Developmental Differences of Structural Connectivity and Effective Connectivity in Semantic Judgments of Chinese Characters. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 233.	1.0	6
107	Exercise training increases myocardial perfusion in residual viable myocardium within infarct zone. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 60-68.	1.9	5
108	Shared intrinsic functional connectivity alterations as a familial risk marker for ADHD: a resting-state functional magnetic resonance imaging study with sibling design. <i>Psychological Medicine</i> , 2022, 52, 1736-1745.	2.7	5

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109	Correlation of dystonia severity and iron accumulation in Rett syndrome. <i>Scientific Reports</i> , 2021, 11, 838.	1.6	5
110	Seizure Frequency Is Associated with Effective Connectivity of the Hippocampalâ€”Diencephalicâ€”Cingulate in Epilepsy with Unilateral Mesial Temporal Sclerosis. <i>Brain Connectivity</i> , 2021, 11, 457-470.	0.8	5
111	Cerebro-Cerebellar Pathways for Verbal Working Memory. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 530.	1.0	4
112	Phase-contrast magnetic resonance imaging for analyzing hemodynamic parameters and wall shear stress of pulmonary arteries in patients with pulmonary arterial hypertension. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 617-627.	1.1	3
113	Integrity of the Prefronto-striato-thalamo-prefrontal Loop Predicts Tai Chi Chuan Training Effects on Cognitive Task-switching in Middle-aged and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 602191.	1.7	3
114	Altered White-matter Tract Property in Adults with Attention-deficit Hyperactivity Disorder. <i>Neuroscience</i> , 2022, 487, 78-87.	1.1	3
115	Gray matter volume alteration is associated with insistence on sameness and cognitive flexibility in autistic youth. <i>Autism Research</i> , 2022, 15, 1209-1221.	2.1	3
116	A Vision for Translating Neuroimaging Techniques into Clinical Applications through Collaboration. <i>Brain Imaging and Behavior</i> , 2008, 2, 350-358.	1.1	1
117	Proton resonance frequency shiftâ€”weighted imaging for monitoring MRâ€”guided highâ€”intensity focused ultrasound transmissions. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1474-1481.	1.9	1
118	The acceleration of pipeline workloads under the FPGA area and bandwidth constraints. , 2014, , .		1
119	An innovative numerical approach to resolve the pulse wave velocity in a healthy thoracic aorta model. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 461-473.	0.9	1
120	Ultrastructural and diffusion tensor imaging studies reveal axon abnormalities in Pompe disease mice. <i>Scientific Reports</i> , 2020, 10, 20239.	1.6	1
121	Diffusion tensor tractography reveals muscle reconnection during axolotl limb regeneration. <i>PLoS ONE</i> , 2017, 12, e0173425.	1.1	1
122	WHITE MATTER TRACTS IN FRONTO-STRIATO-THALAMIC CIRCUIT IN THE HUMAN BRAIN: A DIFFUSION SPECTRUM IMAGING STUDY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2011, 23, 215-222.	0.3	0
123	Brain connectomics imaging in schizophrenia study. , 2017, , .		0
124	[P2â€”400]: SUCCESSFUL AND ATTEMPTED NEURAL MECHANISMS USED BY MIDDLEâ€”AGED ADULTS TO PERFORM TASKâ€”SWITCHING PERFORMANCE. <i>Alzheimer's and Dementia</i> , 2017, 13, P783.	0.4	0
125	Response to â€”Perilesional edema in brain cancer: Independent prognosticator or epiphenomenon of biomolecular signature?â€”™. <i>Radiotherapy and Oncology</i> , 2018, 129, 185-186.	0.3	0
126	Diffusion Magnetic Resonance Imaging in Neuroimaging. , 2008, , 5-24.		0