

Martha E Shenton

List of Publications by Year in descending order

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203
papers

26,754
citations

5574

82
h-index

6300

158
g-index

206
all docs

206
docs citations

206
times ranked

17576
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of MRI findings in schizophrenia. <i>Schizophrenia Research</i> , 2001, 49, 1-52.	2.0	2,143
2	Smaller hippocampal volume predicts pathologic vulnerability to psychological trauma. <i>Nature Neuroscience</i> , 2002, 5, 1242-1247.	14.8	1,436
3	Hyperactivity and hyperconnectivity of the default network in schizophrenia and in first-degree relatives of persons with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1279-1284.	7.1	1,258
4	Abnormalities of the Left Temporal Lobe and Thought Disorder in Schizophrenia. <i>New England Journal of Medicine</i> , 1992, 327, 604-612.	27.0	1,141
5	Magnetic resonance imaging study of hippocampal volume in chronic, combat-related posttraumatic stress disorder. <i>Biological Psychiatry</i> , 1996, 40, 1091-1099.	1.3	797
6	A review of diffusion tensor imaging studies in schizophrenia. <i>Journal of Psychiatric Research</i> , 2007, 41, 15-30.	3.1	686
7	MRI anatomy of schizophrenia. <i>Biological Psychiatry</i> , 1999, 45, 1099-1119.	1.3	656
8	Abnormal Neural Synchrony in Schizophrenia. <i>Journal of Neuroscience</i> , 2003, 23, 7407-7411.	3.6	618
9	Gamma Frequency Range Abnormalities to Auditory Stimulation in Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 1001.	12.3	584
10	Neural synchrony indexes disordered perception and cognition in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17288-17293.	7.1	577
11	Uncinate Fasciculus Findings in Schizophrenia: A Magnetic Resonance Diffusion Tensor Imaging Study. <i>American Journal of Psychiatry</i> , 2002, 159, 813-820.	7.2	453
12	Chronic traumatic encephalopathy: neurodegeneration following repetitive concussive and subconcussive brain trauma. <i>Brain Imaging and Behavior</i> , 2012, 6, 244-254.	2.1	397
13	Cingulate fasciculus integrity disruption in schizophrenia: a magnetic resonance diffusion tensor imaging study. <i>Biological Psychiatry</i> , 2003, 54, 1171-1180.	1.3	377
14	Longitudinal MRI Study of Hippocampal Volume in Trauma Survivors With PTSD. <i>American Journal of Psychiatry</i> , 2001, 158, 1248-1251.	7.2	374
15	Progressive Decrease of Left Superior Temporal Gyrus Gray Matter Volume in Patients With First-Episode Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 156-164.	7.2	370
16	Middle and Inferior Temporal Gyrus Gray Matter Volume Abnormalities in Chronic Schizophrenia: An MRI Study. <i>American Journal of Psychiatry</i> , 2004, 161, 1603-1611.	7.2	352
17	Progressive and Interrelated Functional and Structural Evidence of Post-Onset Brain Reduction in Schizophrenia. <i>Archives of General Psychiatry</i> , 2007, 64, 521.	12.3	345
18	Progressive Decrease of Left Heschl Gyrus and Planum Temporale Gray Matter Volume in First-Episode Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 766.	12.3	337

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19	Evidence for Acquired Pregenual Anterior Cingulate Gray Matter Loss from a Twin Study of Combat-Related Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2008, 63, 550-556.	1.3	317
20	Lower Left Temporal Lobe MRI Volumes in Patients With First-Episode Schizophrenia Compared With Psychotic Patients With First-Episode Affective Disorder and Normal Subjects. <i>American Journal of Psychiatry</i> , 1998, 155, 1384-1391.	7.2	302
21	$\hat{\nu}^3$ -Band Auditory Steady-State Responses Are Impaired in First Episode Psychosis. <i>Biological Psychiatry</i> , 2008, 64, 369-375.	1.3	290
22	White matter hemisphere asymmetries in healthy subjects and in schizophrenia: a diffusion tensor MRI study. <i>NeuroImage</i> , 2004, 23, 213-223.	4.2	284
23	Age-related decline in white matter tract integrity and cognitive performance: A DTI tractography and structural equation modeling study. <i>Neurobiology of Aging</i> , 2012, 33, 21-34.	3.1	274
24	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. <i>Journal of Neuroscience</i> , 2012, 32, 17365-17372.	3.6	259
25	Review of functional and anatomical brain connectivity findings in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2013, 26, 172-187.	6.3	257
26	Mismatch Negativity in Chronic Schizophrenia and First-Episode Schizophrenia. <i>Archives of General Psychiatry</i> , 2002, 59, 686.	12.3	256
27	Event-related potentials in schizophrenia: their biological and clinical correlates and new model of schizophrenic pathophysiology. <i>Schizophrenia Research</i> , 1991, 4, 209-231.	2.0	238
28	Routine quantitative analysis of brain and cerebrospinal fluid spaces with MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 619-629.	3.4	224
29	Left auditory cortex gamma synchronization and auditory hallucination symptoms in schizophrenia. <i>BMC Neuroscience</i> , 2009, 10, 85.	1.9	219
30	Spatial normalization of diffusion tensor MRI using multiple channels. <i>NeuroImage</i> , 2003, 20, 1995-2009.	4.2	194
31	Sensory-Evoked Gamma Oscillations in Chronic Schizophrenia. <i>Biological Psychiatry</i> , 2008, 63, 744-747.	1.3	175
32	First-Episode Schizophrenic Psychosis Differs From First-Episode Affective Psychosis and Controls in P300 Amplitude Over Left Temporal Lobe. <i>Archives of General Psychiatry</i> , 1998, 55, 173.	12.3	173
33	Left Planum Temporale Volume Reduction in Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 142.	12.3	172
34	Prefrontal cortex, negative symptoms, and schizophrenia: an MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2001, 108, 65-78.	1.8	170
35	Association Between Smaller Left Posterior Superior Temporal Gyrus Volume on Magnetic Resonance Imaging and Smaller Left Temporal P300 Amplitude in First-Episode Schizophrenia. <i>Archives of General Psychiatry</i> , 2002, 59, 321.	12.3	170
36	Corpus Callosum Abnormalities and Their Association with Psychotic Symptoms in Patients with Schizophrenia. <i>Biological Psychiatry</i> , 2010, 68, 70-77.	1.3	169

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37	Volumetric Evaluation of the Thalamus in Schizophrenic Male Patients Using Magnetic Resonance Imaging. <i>Biological Psychiatry</i> , 1998, 43, 649-659.	1.3	161
38	Caudate, putamen, and globus pallidus volume in schizophrenia: A quantitative MRI study. <i>Psychiatry Research - Neuroimaging</i> , 1995, 61, 209-229.	1.8	160
39	Fornix Integrity and Hippocampal Volume in Male Schizophrenic Patients. <i>Biological Psychiatry</i> , 2006, 60, 22-31.	1.3	160
40	Extensive white matter abnormalities in patients with first-episode schizophrenia: A diffusion tensor imaging (DTI) study. <i>Schizophrenia Research</i> , 2013, 143, 231-238.	2.0	160
41	Orbitofrontal volume deficit in schizophrenia and thought disorder. <i>Brain</i> , 2007, 131, 180-195.	7.6	159
42	Differences and Similarities in Insular and Temporal Pole MRI Gray Matter Volume Abnormalities in First-Episode Schizophrenia and Affective Psychosis. <i>Archives of General Psychiatry</i> , 2003, 60, 1069.	12.3	154
43	Neocortical Gray Matter Volume in First-Episode Schizophrenia and First-Episode Affective Psychosis: A Cross-Sectional and Longitudinal MRI Study. <i>Biological Psychiatry</i> , 2007, 62, 773-783.	1.3	148
44	MRI Study of Cavum Septi Pellucidi in Schizophrenia, Affective Disorder, and Schizotypal Personality Disorder. <i>American Journal of Psychiatry</i> , 1998, 155, 509-515.	7.2	146
45	An Automated Registration Algorithm for Measuring MRI Subcortical Brain Structures. <i>NeuroImage</i> , 1997, 6, 13-25.	4.2	134
46	Fusiform Gyrus Volume Reduction and Facial Recognition in Chronic Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 349.	12.3	133
47	Clarifying the Origin of Biological Abnormalities in PTSD Through the Study of Identical Twins Discordant for Combat Exposure. <i>Annals of the New York Academy of Sciences</i> , 2006, 1071, 242-254.	3.8	133
48	Scoring Manual for the Thought Disorder Index. <i>Schizophrenia Bulletin</i> , 1986, 12, 483-496.	4.3	132
49	Restoration of DWI Data Using a Rician LMMSE Estimator. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 1389-1403.	8.9	132
50	Structural neuroimaging in schizophrenia from methods to insights to treatments. <i>Dialogues in Clinical Neuroscience</i> , 2010, 12, 317-332.	3.7	132
51	Diffusion tensor tractography findings in schizophrenia across the adult lifespan. <i>Brain</i> , 2010, 133, 1494-1504.	7.6	131
52	Longitudinal loss of gray matter volume in patients with first-episode schizophrenia: DARTEL automated analysis and ROI validation. <i>NeuroImage</i> , 2012, 59, 986-996.	4.2	129
53	Cerebral White Matter Integrity and Resting-State Functional Connectivity in Middle-aged Patients With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 728-738.	0.6	128
54	Schizotypal personality disorder and MRI abnormalities of temporal lobe gray matter. <i>Biological Psychiatry</i> , 1999, 45, 1393-1402.	1.3	127

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55	Diffusion Tensor Imaging and Its Application to Neuropsychiatric Disorders. <i>Harvard Review of Psychiatry</i> , 2002, 10, 324-336.	2.1	121
56	Amygdala and hippocampal shape differences in schizophrenia: the application of 3D shape models to volumetric MR data. <i>Psychiatry Research - Neuroimaging</i> , 2002, 115, 15-35.	1.8	121
57	Evidence for white matter abnormalities in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2005, 18, 121-134.	6.3	121
58	Neuropsychological Correlates of Diffusion Tensor Imaging in Schizophrenia. <i>Neuropsychology</i> , 2004, 18, 629-637.	1.3	119
59	Middle and Inferior Temporal Gyrus Gray Matter Volume Abnormalities in First-Episode Schizophrenia: An MRI Study. <i>American Journal of Psychiatry</i> , 2006, 163, 2103-2110.	7.2	119
60	In vivo imaging of neuroinflammation in schizophrenia. <i>Schizophrenia Research</i> , 2016, 173, 200-212.	2.0	118
61	Auditory Mismatch Negativity in Schizophrenia: Topographic Evaluation With a High-Density Recording Montage. <i>American Journal of Psychiatry</i> , 1998, 155, 1281-1284.	7.2	114
62	Correlations between abnormal auditory P300 topography and positive symptoms in schizophrenia: A preliminary report. <i>Biological Psychiatry</i> , 1989, 25, 710-716.	1.3	113
63	Comparative Studies of Thought Disorders. <i>Archives of General Psychiatry</i> , 1987, 44, 21.	12.3	111
64	Fronto-temporal Disconnectivity in Schizotypal Personality Disorder: A Diffusion Tensor Imaging Study. <i>Biological Psychiatry</i> , 2005, 58, 468-478.	1.3	110
65	Schizophrenia, Myelination, and Delayed Corollary Discharges: A Hypothesis. <i>Schizophrenia Bulletin</i> , 2012, 38, 486-494.	4.3	110
66	A Review of Neuroimaging Findings in Repetitive Brain Trauma. <i>Brain Pathology</i> , 2015, 25, 318-349.	4.1	107
67	High-resolution line scan diffusion tensor MR imaging of white matter fiber tract anatomy. <i>American Journal of Neuroradiology</i> , 2002, 23, 67-75.	2.4	107
68	The Brain in Schizotypal Personality Disorder: A Review of Structural MRI and CT Findings. <i>Harvard Review of Psychiatry</i> , 2002, 10, 1-15.	2.1	106
69	Cavum Septi Pellucidi in Symptomatic Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2016, 33, 346-353.	3.4	102
70	An MRI study of temporal lobe abnormalities and negative symptoms in chronic schizophrenia. <i>Schizophrenia Research</i> , 2002, 58, 123-134.	2.0	100
71	Attentional networks and cingulum bundle in chronic schizophrenia. <i>Schizophrenia Research</i> , 2007, 90, 308-315.	2.0	99
72	A Hierarchical Algorithm for MR Brain Image Parcellation. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 1201-1212.	8.9	97

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73	Configural Cue Performance in Identical Twins Discordant for Posttraumatic Stress Disorder: Theoretical Implications for the Role of Hippocampal Function. <i>Biological Psychiatry</i> , 2007, 62, 513-520.	1.3	97
74	Detection and analysis of statistical differences in anatomical shape. <i>Medical Image Analysis</i> , 2005, 9, 69-86.	11.6	95
75	A Functional Magnetic Resonance Imaging Study of Auditory Mismatch in Schizophrenia. <i>American Journal of Psychiatry</i> , 2001, 158, 938-943.	7.2	94
76	Temporal lobe sulco-gyral pattern anomalies in schizophrenia: an in vivo MR three-dimensional surface rendering study. <i>Neuroscience Letters</i> , 1994, 182, 7-12.	2.1	93
77	Button-pressing affects P300 amplitude and scalp topography. <i>Clinical Neurophysiology</i> , 2001, 112, 1676-1684.	1.5	91
78	A prospective study of physician-observed concussion during a varsity university hockey season: white matter integrity in ice hockey players. Part 3 of 4. <i>Neurosurgical Focus</i> , 2012, 33, E3.	2.3	90
79	White matter tract abnormalities between rostral middle frontal gyrus, inferior frontal gyrus and striatum in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2013, 145, 1-10.	2.0	89
80	Increased Gray Matter Diffusion Anisotropy in Patients with Persistent Post-Concussive Symptoms following Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e66205.	2.5	89
81	Cognitive dysfunction in schizophrenia: unifying basic research and clinical aspects. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1999, 249, S69-S82.	3.2	85
82	The Application of DTI to Investigate White Matter Abnormalities in Schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2005, 1064, 134-148.	3.8	84
83	Age-related deficits in fronto-temporal connections in schizophrenia: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2008, 102, 181-188.	2.0	84
84	Thalamo-frontal white matter alterations in chronic schizophrenia. <i>Human Brain Mapping</i> , 2009, 30, 3812-3825.	3.6	83
85	Identification of neural circuits underlying P300 abnormalities in schizophrenia. <i>Psychophysiology</i> , 1999, 36, 388-398.	2.4	80
86	Episodic memory and neuroimaging of hippocampus and fornix in chronic schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 21-28.	1.8	80
87	Advances in microstructural diffusion neuroimaging for psychiatric disorders. <i>NeuroImage</i> , 2018, 182, 259-282.	4.2	77
88	Predicting inter-hemispheric transfer time from the diffusion properties of the corpus callosum in healthy individuals and schizophrenia patients: A combined ERP and DTI study. <i>NeuroImage</i> , 2011, 54, 2318-2329.	4.2	76
89	Age at First Exposure to Repetitive Head Impacts Is Associated with Smaller Thalamic Volumes in Former Professional American Football Players. <i>Journal of Neurotrauma</i> , 2018, 35, 278-285.	3.4	76
90	Hearing voices: A role of interhemispheric auditory connectivity?. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 153-158.	2.6	75

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91	Molecular Profiles of Pyramidal Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 53-69.	1.4	75
92	Smaller Left Heschl's Gyrus Volume in Patients With Schizotypal Personality Disorder. <i>American Journal of Psychiatry</i> , 2002, 159, 1521-1527.	7.2	74
93	Prefrontal cortical thickness in first-episode psychosis: a magnetic resonance imaging study. <i>Biological Psychiatry</i> , 2004, 55, 131-140.	1.3	73
94	A prospective longitudinal volumetric MRI study of superior temporal gyrus gray matter and amygdala-hippocampal complex in chronic schizophrenia. <i>Schizophrenia Research</i> , 2009, 113, 84-94.	2.0	73
95	Occipital lobe gray matter volume in male patients with chronic schizophrenia: A quantitative MRI study. <i>Schizophrenia Research</i> , 2007, 92, 197-206.	2.0	71
96	Neuropsychological disturbance in schizophrenia: A diffusion tensor imaging study.. <i>Neuropsychology</i> , 2008, 22, 246-254.	1.3	70
97	Oligodendrocyte Genes, White Matter Tract Integrity, and Cognition in Schizophrenia. <i>Cerebral Cortex</i> , 2013, 23, 2044-2057.	2.9	69
98	Preservation of P300 event-related potential topographic asymmetries in schizophrenia with use of either linked-ear or nose reference sites. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990, 75, 378-391.	0.3	67
99	Word Recall in Schizophrenia: A Connectionist Model. <i>American Journal of Psychiatry</i> , 1998, 155, 1685-1690.	7.2	66
100	Increased diffusivity in superior temporal gyrus in patients with schizophrenia: A Diffusion Tensor Imaging study. <i>Schizophrenia Research</i> , 2009, 108, 33-40.	2.0	66
101	Cavum septi pellucidi in first-episode schizophrenia and first-episode affective psychosis: an MRI study. <i>Schizophrenia Research</i> , 2004, 71, 65-76.	2.0	65
102	Voxel-based morphometry (VBM) studies in schizophrenia—can white matter changes be reliably detected with VBM?. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 65-70.	1.8	64
103	Molecular Profiles of Parvalbumin-Immunoreactive Neurons in the Superior Temporal Cortex in Schizophrenia. <i>Journal of Neurogenetics</i> , 2014, 28, 70-85.	1.4	63
104	Large CSF Volume Not Attributable to Ventricular Volume in Schizotypal Personality Disorder. <i>American Journal of Psychiatry</i> , 2000, 157, 48-54.	7.2	61
105	Uncinate fasciculus abnormalities in recent onset schizophrenia and affective psychosis: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2009, 110, 119-126.	2.0	61
106	Reduced Structural Connectivity in Frontostriatal White Matter Tracts in the Associative Loop in Schizophrenia. <i>American Journal of Psychiatry</i> , 2017, 174, 1102-1111.	7.2	60
107	Uniting Kraepelin and Bleuler: The Psychology of Schizophrenia and the Biology of Temporal Lobe Abnormalities. <i>Harvard Review of Psychiatry</i> , 1993, 1, 36-56.	2.1	59
108	A neuropsychological analysis of schizophrenic thought disorder. <i>Schizophrenia Research</i> , 1998, 29, 217-225.	2.0	58

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109	Application of automated MRI volumetric measurement techniques to the ventricular system in schizophrenics and normal controls. <i>Schizophrenia Research</i> , 1991, 5, 103-113.	2.0	57
110	Localized abnormalities in the cingulum bundle in patients with schizophrenia: A Diffusion Tensor tractography study. <i>NeuroImage: Clinical</i> , 2014, 5, 93-99.	2.7	57
111	Characterizing white matter changes in chronic schizophrenia: A free-water imaging multi-site study. <i>Schizophrenia Research</i> , 2017, 189, 153-161.	2.0	56
112	Initial and Progressive Gray Matter Abnormalities in Insular Gyrus and Temporal Pole in First-Episode Schizophrenia Contrasted With First-Episode Affective Psychosis. <i>Schizophrenia Bulletin</i> , 2016, 42, 790-801.	4.3	55
113	Recent structural and functional imaging findings in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2003, 16, 123-147.	6.3	52
114	A new statistical method for testing hypotheses of neuropsychological/MRI relationships in schizophrenia: partial least squares analysis. <i>Schizophrenia Research</i> , 2002, 53, 57-66.	2.0	50
115	Clinical high risk and first episode schizophrenia: Auditory event-related potentials. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 126-133.	1.8	50
116	Parcellation of the human prefrontal cortex using MRI. <i>Psychiatry Research - Neuroimaging</i> , 1997, 76, 29-40.	1.8	49
117	Cavum septum pellucidum in monozygotic twins discordant for combat exposure: relationship to posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2004, 55, 656-658.	1.3	49
118	Neuroimaging in repetitive brain trauma. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 10.	6.2	49
119	Directional functions for orientation distribution estimation. <i>Medical Image Analysis</i> , 2009, 13, 432-444.	11.6	47
120	Quantitative examination of a novel clustering method using magnetic resonance diffusion tensor tractography. <i>NeuroImage</i> , 2009, 45, 370-376.	4.2	46
121	MRI abnormalities of the hippocampus and cavum septi pellucidi in females with schizotypal personality disorder. <i>Schizophrenia Research</i> , 2007, 89, 49-58.	2.0	45
122	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 762-771.	4.3	45
123	Dissociable contributions of MRI volume reductions of superior temporal and fusiform gyri to symptoms and neuropsychology in schizophrenia. <i>Schizophrenia Research</i> , 2007, 91, 103-106.	2.0	44
124	White matter abnormalities in 22q11.2 deletion syndrome: Preliminary associations with the Nogo-66 receptor gene and symptoms of psychosis. <i>Schizophrenia Research</i> , 2014, 152, 117-123.	2.0	44
125	Limbic system white matter microstructure and long-term treatment outcome in major depressive disorder: A diffusion tensor imaging study using legacy data. <i>World Journal of Biological Psychiatry</i> , 2014, 15, 122-134.	2.6	43
126	A diffusion tensor imaging study of the anterior limb of the internal capsule in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 143-150.	1.8	42

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127	Stochastic tractography study of Inferior Frontal Gyrus anatomical connectivity in schizophrenia. <i>NeuroImage</i> , 2011, 55, 1657-1664.	4.2	42
128	Auditory verbal hallucinations and the interhemispheric auditory pathway in chronic schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2015, 16, 31-44.	2.6	42
129	An In Vivo MRI Study of Prefrontal Cortical Complexity in First-Episode Psychosis. <i>American Journal of Psychiatry</i> , 2005, 162, 65-70.	7.2	40
130	Cerebral white matter abnormalities and their associations with negative but not positive symptoms of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 52-59.	1.8	39
131	White matter microstructural abnormalities of the cingulum bundle in youths with 22q11.2 deletion syndrome: Associations with medication, neuropsychological function, and prodromal symptoms of psychosis. <i>Schizophrenia Research</i> , 2015, 161, 76-84.	2.0	38
132	Abnormal white matter microstructure and increased extracellular free-water in the cingulum bundle associated with delusions in chronic schizophrenia. <i>NeuroImage: Clinical</i> , 2016, 12, 405-414.	2.7	37
133	The startle reflex in schizophrenia: habituation and personality correlates. <i>Schizophrenia Research</i> , 2003, 64, 165-173.	2.0	36
134	Diffusion tensor imaging of anterior commissural fibers in patients with schizophrenia. <i>Schizophrenia Research</i> , 2011, 130, 78-85.	2.0	36
135	Diffusion Tensor Imaging, Structural Connectivity, and Schizophrenia. <i>Schizophrenia Research and Treatment</i> , 2011, 2011, 1-7.	1.5	36
136	Abnormalities of middle longitudinal fascicle and disorganization in patients with schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 253-259.	2.0	36
137	Reversed temporal region asymmetries of P300 topography in left- and right-handed schizophrenic subjects. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992, 84, 532-537.	2.0	35
138	An MRI Study of Superior Temporal Gyrus Volume in Women With Schizotypal Personality Disorder. <i>American Journal of Psychiatry</i> , 2003, 160, 2198-2201.	7.2	35
139	Globally and Locally Reduced MRI Gray Matter Volumes in Neuroleptic-Naive Men With Schizotypal Personality Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 361.	11.0	35
140	Automated versus manual segmentation of brain region volumes in former football players. <i>NeuroImage: Clinical</i> , 2018, 18, 888-896.	2.7	35
141	Limbic system structure volumes and associated neurocognitive functioning in former NFL players. <i>Brain Imaging and Behavior</i> , 2019, 13, 725-734.	2.1	35
142	Small Sample Size Learning for Shape Analysis of Anatomical Structures. <i>Lecture Notes in Computer Science</i> , 2000, , 72-82.	1.3	34
143	Statistical analysis of fiber bundles using multi-tensor tractography: application to first-episode schizophrenia. <i>Magnetic Resonance Imaging</i> , 2011, 29, 507-515.	1.8	33
144	Deformation Analysis for Shape Based Classification. <i>Lecture Notes in Computer Science</i> , 2001, , 517-530.	1.3	33

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145	A comparison of three fiber tract delineation methods and their impact on white matter analysis. <i>NeuroImage</i> , 2018, 178, 318-331.	4.2	32
146	Comparing free water imaging and magnetization transfer measurements in schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 126-132.	2.0	31
147	A quantitative MR measure of the fornix in schizophrenia. <i>Schizophrenia Research</i> , 2001, 47, 87-97.	2.0	29
148	The uncinate fasciculus and extraversion in schizotypal personality disorder: A diffusion tensor imaging study. <i>Schizophrenia Research</i> , 2007, 90, 360-362.	2.0	29
149	Auditory processing abnormalities in schizotypal personality disorder: An fMRI experiment using tones of deviant pitch and duration. <i>Schizophrenia Research</i> , 2008, 103, 26-39.	2.0	29
150	Reduced fronto-â€callosal fiber integrity in unmedicated OCD patients: A diffusion tractography study. <i>Human Brain Mapping</i> , 2012, 33, 2441-2452.	3.6	28
151	The social brain network in 22q11.2 deletion syndrome: a diffusion tensor imaging study. <i>Behavioral and Brain Functions</i> , 2017, 13, 4.	3.3	28
152	Altered Cellular White Matter But Not Extracellular Free Water on Diffusion MRI in Individuals at Clinical High Risk for Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 820-828.	7.2	28
153	Diagnostic value of structural and diffusion imaging measures in schizophrenia. <i>NeuroImage: Clinical</i> , 2018, 18, 467-474.	2.7	27
154	Comparing prefrontal gray and white matter contributions to intelligence and decision making in schizophrenia and healthy controls.. <i>Neuropsychology</i> , 2010, 24, 121-129.	1.3	26
155	Impaired white matter connectivity between regions containing mirror neurons, and relationship to negative symptoms and social cognition, in patients with first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 229-237.	2.1	26
156	Combining ERP and Structural MRI Information in First Episode Schizophrenia and Bipolar Disorder. <i>Clinical EEG and Neuroscience</i> , 2008, 39, 57-60.	1.7	25
157	Cingulum bundle integrity associated with delusions of control in schizophrenia: Preliminary evidence from diffusion-tensor tractography. <i>Schizophrenia Research</i> , 2015, 161, 36-41.	2.0	25
158	Brain functional connectivity data enhance prediction of clinical outcome in youth at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102108.	2.7	25
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