

Nikos Makris

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

27,762
citations

20817

60
h-index

6836

155
g-index

168
all docs

168
docs citations

168
times ranked

26923
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole Brain Segmentation. <i>Neuron</i> , 2002, 33, 341-355.	8.1	7,404
2	Automatically Parcellating the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2004, 14, 11-22.	2.9	3,657
3	High angular resolution diffusion imaging reveals intravoxel white matter fiber heterogeneity. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 577-582.	3.0	1,428
4	Segmentation of Subcomponents within the Superior Longitudinal Fascicle in Humans: A Quantitative, In Vivo, DT-MRI Study. <i>Cerebral Cortex</i> , 2005, 15, 854-869.	2.9	1,038
5	Normal Sexual Dimorphism of the Adult Human Brain Assessed by In Vivo Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 2001, 11, 490-497.	2.9	884
6	Structural Brain Magnetic Resonance Imaging of Limbic and Thalamic Volumes in Pediatric Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2005, 162, 1256-1265.	7.2	624
7	Structural Brain Imaging of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2005, 57, 1263-1272.	1.3	593
8	Decreased volume of left and total anterior insular lobule in schizophrenia. <i>Schizophrenia Research</i> , 2006, 83, 155-171.	2.0	592
9	MRI-derived measurements of human subcortical, ventricular and intracranial brain volumes: Reliability effects of scan sessions, acquisition sequences, data analyses, scanner upgrade, scanner vendors and field strengths. <i>NeuroImage</i> , 2009, 46, 177-192.	4.2	482
10	The integrated response of the human cerebro-cerebellar and limbic systems to acupuncture stimulation at ST 36 as evidenced by fMRI. <i>NeuroImage</i> , 2005, 27, 479-496.	4.2	450
11	Hypothalamic Abnormalities in Schizophrenia: Sex Effects and Genetic Vulnerability. <i>Biological Psychiatry</i> , 2007, 61, 935-945.	1.3	425
12	Cortical Thinning of the Attention and Executive Function Networks in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Cerebral Cortex</i> , 2007, 17, 1364-1375.	2.9	394
13	Activation and Habituation in Olfaction—An fMRI Study. <i>NeuroImage</i> , 2001, 13, 547-560.	4.2	338
14	Decreased Volume of the Brain Reward System in Alcoholism. <i>Biological Psychiatry</i> , 2008, 64, 192-202.	1.3	332
15	Dorsolateral Prefrontal and Anterior Cingulate Cortex Volumetric Abnormalities in Adults with Attention-Deficit/Hyperactivity Disorder Identified by Magnetic Resonance Imaging. <i>Biological Psychiatry</i> , 2006, 60, 1071-1080.	1.3	319
16	Sex Differences in Stress Response Circuitry Activation Dependent on Female Hormonal Cycle. <i>Journal of Neuroscience</i> , 2010, 30, 431-438.	3.6	310
17	Hormonal Cycle Modulates Arousal Circuitry in Women Using Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2005, 25, 9309-9316.	3.6	307
18	MRI-Based Topographic Parcellation of Human Neocortex: An Anatomically Specified Method with Estimate of Reliability. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 566-587.	2.3	277

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19	MRI-Based Topographic Parcellation of Human Cerebral White Matter and Nuclei. <i>NeuroImage</i> , 1999, 9, 18-45.	4.2	269
20	Microstructural status of ipsilesional and contralesional corticospinal tract correlates with motor skill in chronic stroke patients. <i>Human Brain Mapping</i> , 2009, 30, 3461-3474.	3.6	257
21	Left Hippocampal Volume as a Vulnerability Indicator for Schizophrenia. <i>Archives of General Psychiatry</i> , 2002, 59, 839.	12.3	237
22	Thalamic and amygdala hippocampal volume reductions in first-degree relatives of patients with schizophrenia: an MRI-based morphometric analysis. <i>Biological Psychiatry</i> , 1999, 46, 941-954.	1.3	230
23	Impact of Normal Sexual Dimorphisms on Sex Differences in Structural Brain Abnormalities in Schizophrenia Assessed by Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2002, 59, 154.	12.3	223
24	MIDA: A Multimodal Imaging-Based Detailed Anatomical Model of the Human Head and Neck. <i>PLoS ONE</i> , 2015, 10, e0124126.	2.5	220
25	The extreme capsule in humans and rethinking of the language circuitry. <i>Brain Structure and Function</i> , 2009, 213, 343-358.	2.3	209
26	Attention and Executive Systems Abnormalities in Adults with Childhood ADHD: A DT-MRI Study of Connections. <i>Cerebral Cortex</i> , 2008, 18, 1210-1220.	2.9	207
27	Functional Magnetic Resonance Imaging of Methylphenidate and Placebo in Attention-Deficit/Hyperactivity Disorder During the Multi-Source Interference Task. <i>Archives of General Psychiatry</i> , 2008, 65, 102.	12.3	190
28	Delineation of the Middle Longitudinal Fascicle in Humans: A Quantitative, In Vivo, DT-MRI Study. <i>Cerebral Cortex</i> , 2009, 19, 777-785.	2.9	185
29	Location of lesion determines motor vs. cognitive consequences in patients with cerebellar stroke. <i>NeuroImage: Clinical</i> , 2016, 12, 765-775.	2.7	183
30	The white matter query language: a novel approach for describing human white matter anatomy. <i>Brain Structure and Function</i> , 2016, 221, 4705-4721.	2.3	170
31	White matter abnormalities in children with and at risk for bipolar disorder. <i>Bipolar Disorders</i> , 2007, 9, 799-809.	1.9	157
32	Towards Conceptualizing a Neural Systems-Based Anatomy of Attention-Deficit/Hyperactivity Disorder. <i>Developmental Neuroscience</i> , 2009, 31, 36-49.	2.0	157
33	Cortical Thickness Abnormalities in Cocaine Addiction—A Reflection of Both Drug Use and a Pre-existing Disposition to Drug Abuse?. <i>Neuron</i> , 2008, 60, 174-188.	8.1	150
34	An anatomically curated fiber clustering white matter atlas for consistent white matter tract parcellation across the lifespan. <i>NeuroImage</i> , 2018, 179, 429-447.	4.2	146
35	Frontal White Matter and Cingulum Diffusion Tensor Imaging Deficits in Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 1001-1013.	2.4	143
36	Decreased Absolute Amygdala Volume in Cocaine Addicts. <i>Neuron</i> , 2004, 44, 729-740.	8.1	140

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37	Gray Matter Alterations in Adults with Attention-Deficit/Hyperactivity Disorder Identified by Voxel Based Morphometry. <i>Biological Psychiatry</i> , 2011, 69, 857-866.	1.3	137
38	A Review and New Report of Medial Temporal Lobe Dysfunction as a Vulnerability Indicator for Schizophrenia: A Magnetic Resonance Imaging Morphometric Family Study of the Parahippocampal Gyrus. <i>Schizophrenia Bulletin</i> , 2003, 29, 803-830.	4.3	128
39	Cocaine Decreases Cortical Cerebral Blood Flow but Does Not Obscure Regional Activation in Functional Magnetic Resonance Imaging in Human Subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 724-734.	4.3	120
40	Reduced subcortical brain volumes in nonpsychotic siblings of schizophrenic patients: A pilot magnetic resonance imaging study. , 1997, 74, 507-514.		118
41	Cortical gray matter differences identified by structural magnetic resonance imaging in pediatric bipolar disorder. <i>Bipolar Disorders</i> , 2005, 7, 555-569.	1.9	113
42	Cerebellum, Language, and Cognition in Autism and Specific Language Impairment. <i>Journal of Autism and Developmental Disorders</i> , 2010, 40, 300-316.	2.7	110
43	Frontal connections and cognitive changes in normal aging rhesus monkeys: A DTI study. <i>Neurobiology of Aging</i> , 2007, 28, 1556-1567.	3.1	105
44	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. <i>Brain Stimulation</i> , 2019, 12, 911-921.	1.6	104
45	Focal temporal pole atrophy and network degeneration in semantic variant primary progressive aphasia. <i>Brain</i> , 2017, 140, 457-471.	7.6	102
46	MRI-based brain volumetrics: emergence of a developmental brain science. <i>Brain and Development</i> , 1999, 21, 289-295.	1.1	97
47	Volumetric parcellation methodology of the human hypothalamus in neuroimaging: Normative data and sex differences. <i>NeuroImage</i> , 2013, 69, 1-10.	4.2	96
48	The occipitofrontal fascicle in humans: A quantitative, in vivo, DT-MRI study. <i>NeuroImage</i> , 2007, 37, 1100-1111.	4.2	95
49	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	4.2	94
50	MRI-based surface-assisted parcellation of human cerebellar cortex: an anatomically specified method with estimate of reliability. <i>NeuroImage</i> , 2005, 25, 1146-1160.	4.2	91
51	Neural Substrates of Impaired Sensorimotor Timing in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 359-367.	1.3	91
52	The selective impairment of the perception of first-order motion by unilateral cortical brain damage. <i>Visual Neuroscience</i> , 1998, 15, 333-348.	1.0	89
53	Acupuncture modulates the abnormal brainstem activity in migraine without aura patients. <i>NeuroImage: Clinical</i> , 2017, 15, 367-375.	2.7	79
54	Impact of Sex and Menopausal Status on Episodic Memory Circuitry in Early Midlife. <i>Journal of Neuroscience</i> , 2016, 36, 10163-10173.	3.6	74

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55	MRI-Based Topographic Parcellation of Human Cerebral White Matter. <i>NeuroImage</i> , 1999, 9, 1-17.	4.2	73
56	Neuroanatomical Segmentation in MRI: Technological Objectives. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 1997, 11, 1161-1187.	1.2	72
57	Human Cerebellum: Surface-Assisted Cortical Parcellation and Volumetry with Magnetic Resonance Imaging. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 584-599.	2.3	70
58	Whole brain white matter connectivity analysis using machine learning: An application to autism. <i>NeuroImage</i> , 2018, 172, 826-837.	4.2	70
59	MRI-based anatomical model of the human head for specific absorption rate mapping. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 1239-1251.	2.8	69
60	Evidence for Reduced Cerebellar Volumes in Trichotillomania. <i>Biological Psychiatry</i> , 2007, 61, 374-381.	1.3	67
61	Human cerebral cortex: A system for the integration of volume- and surface-based representations. <i>NeuroImage</i> , 2006, 33, 139-153.	4.2	66
62	17 β -Estradiol Differentially Regulates Stress Circuitry Activity in Healthy and Depressed Women. <i>Neuropsychopharmacology</i> , 2015, 40, 566-576.	5.4	64
63	White Matter Correlates of Mild Traumatic Brain Injuries in Women Subjected to Intimate-Partner Violence: A Preliminary Study. <i>Journal of Neurotrauma</i> , 2019, 36, 661-668.	3.4	63
64	Anterior Cingulate Volumetric Alterations in Treatment-Naïve Adults With ADHD. <i>Journal of Attention Disorders</i> , 2010, 13, 407-413.	2.6	50
65	Larger brain and white matter volumes in children with developmental language disorder. <i>Developmental Science</i> , 2003, 6, F11.	2.4	49
66	Relationship of DAT1 and adult ADHD to task-positive and task-negative working memory networks. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 7-16.	1.8	49
67	Reorganization of Functional Networks in Verbal Working Memory Circuitry in Early Midlife: The Impact of Sex and Menopausal Status. <i>Cerebral Cortex</i> , 2017, 27, bhw127.	2.9	49
68	A joint compressed-sensing and super-resolution approach for very high-resolution diffusion imaging. <i>NeuroImage</i> , 2016, 125, 386-400.	4.2	49
69	Cortical thickness alterations linked to somatoform and psychological dissociation in functional neurological disorders. <i>Human Brain Mapping</i> , 2018, 39, 428-439.	3.6	49
70	Effect of dopamine transporter gene (SLC6A3) variation on dorsal anterior cingulate function in attention-deficit/hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 365-375.	1.7	47
71	A preliminary study of dopamine D4 receptor genotype and structural brain alterations in adults with ADHD. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1436-1441.	1.7	45
72	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

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73	Limits and reproducibility of resting-state functional MRI definition of DLPFC targets for neuromodulation. <i>Brain Stimulation</i> , 2019, 12, 129-138.	1.6	45
74	Mapping temporo-parietal and temporo-occipital cortico-cortical connections of the human middle longitudinal fascicle in subject-specific, probabilistic, and stereotaxic Talairach spaces. <i>Brain Imaging and Behavior</i> , 2017, 11, 1258-1277.	2.1	43
75	Lesion analysis for cingulotomy and limbic leucotomy: comparison and correlation with clinical outcomes. <i>Journal of Neurosurgery</i> , 2014, 120, 152-163.	1.6	42
76	Toward Defining the Neural Substrates of ADHD. <i>Journal of Attention Disorders</i> , 2015, 19, 944-953.	2.6	41
77	Gender dimorphism of brain reward system volumes in alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 15-25.	1.8	40
78	Anxiety sensitivity correlates with two indices of right anterior insula structure in specific animal phobia. <i>Depression and Anxiety</i> , 2010, 27, 1104-1110.	4.1	38
79	Abnormalities of middle longitudinal fascicle and disorganization in patients with schizophrenia. <i>Schizophrenia Research</i> , 2013, 143, 253-259.	2.0	36
80	Thalamic Volume Is Reduced in Cervical and Laryngeal Dystonias. <i>PLoS ONE</i> , 2016, 11, e0155302.	2.5	36
81	Automated versus manual segmentation of brain region volumes in former football players. <i>NeuroImage: Clinical</i> , 2018, 18, 888-896.	2.7	35
82	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
83	Investigation into local white matter abnormality in emotional processing and sensorimotor areas using an automatically annotated fiber clustering in major depressive disorder. <i>NeuroImage</i> , 2018, 181, 16-29.	4.2	34
84	On Describing Human White Matter Anatomy: The White Matter Query Language. <i>Lecture Notes in Computer Science</i> , 2013, 16, 647-654.	1.3	34
85	Taking central nervous system regenerative therapies to the clinic: curing rodents versus nonhuman primates versus humans. <i>Neural Regeneration Research</i> , 2020, 15, 425.	3.0	34
86	Cerebral white matter sex dimorphism in alcoholism: a diffusion tensor imaging study. <i>Neuropsychopharmacology</i> , 2018, 43, 1876-1883.	5.4	33
87	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
88	The ventral pathway of the human brain: A continuous association tract system. <i>NeuroImage</i> , 2021, 234, 117977.	4.2	32
89	Asymmetric projections of the arcuate fasciculus to the temporal cortex underlie lateralized language function in the human brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 119.	1.7	31
90	Anterior commissural white matter fiber abnormalities in first-episode psychosis: A tractography study. <i>Schizophrenia Research</i> , 2015, 162, 29-34.	2.0	31

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91	Better than treated as usual: Transcranial magnetic stimulation augmentation in selective serotonin reuptake inhibitor-refractory obsessive-compulsive disorder, mini-review and pilot open-label trial. <i>Journal of Psychopharmacology</i> , 2016, 30, 568-578.	4.0	30
92	Brain white matter integrity and association with age at onset in pediatric obsessive-compulsive disorder. <i>Biology of Mood & Anxiety Disorders</i> , 2014, 4, 13.	4.7	29
93	Brain activity and connectivity in response to negative affective stimuli: Impact of dysphoric mood and sex across diagnoses. <i>Human Brain Mapping</i> , 2016, 37, 3733-3744.	3.6	28
94	Associations Between Cerebellar Subregional Morphometry and Alcoholism History in Men and Women. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1262-1272.	2.4	26
95	Medial temporal lobe default mode functioning and hippocampal structure as vulnerability indicators for schizophrenia: A MRI study of non-psychotic adolescent first-degree relatives. <i>Schizophrenia Research</i> , 2014, 159, 426-434.	2.0	25
96	NeuroCOVID-19: A clinical neuroscience-based approach to reduce SARS-CoV-2 related mental health sequelae. <i>Journal of Psychiatric Research</i> , 2020, 130, 215-217.	3.1	25
97	Anatomical assessment of trigeminal nerve tractography using diffusion MRI: A comparison of acquisition b-values and single- and multi-fiber tracking strategies. <i>NeuroImage: Clinical</i> , 2020, 25, 102160.	2.7	25
98	Basic principles of MRI and morphometry studies of human brain development. <i>Developmental Science</i> , 2002, 5, 268-278.	2.4	24
99	Mild traumatic brain injury impacts associations between limbic system microstructure and post-traumatic stress disorder symptomatology. <i>NeuroImage: Clinical</i> , 2020, 26, 102190.	2.7	24
100	Sexually dimorphic structural abnormalities in major connections of the medial forebrain bundle in alcoholism. <i>NeuroImage: Clinical</i> , 2018, 19, 98-105.	2.7	23
101	Machine-learning classification of 22q11.2 deletion syndrome: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2017, 15, 832-842.	2.7	22
102	Middle longitudinal fascicle is associated with semantic processing deficits in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2020, 25, 102115.	2.7	21
103	Comparison of multiple tractography methods for reconstruction of the retinogeniculate visual pathway using diffusion MRI. <i>Human Brain Mapping</i> , 2021, 42, 3887-3904.	3.6	21
104	Abnormalities in brain white matter in adolescents with 22q11.2 deletion syndrome and psychotic symptoms. <i>Brain Imaging and Behavior</i> , 2017, 11, 1353-1364.	2.1	20
105	The use of hydrogel-delivered extracellular vesicles in recovery of motor function in stroke: a testable experimental hypothesis for clinical translation including behavioral and neuroimaging assessment approaches. <i>Neural Regeneration Research</i> , 2021, 16, 605.	3.0	20
106	Quantitative DT-MRI Investigations of the Human Cingulum Bundle. <i>CNS Spectrums</i> , 2002, 7, 522-528.	1.2	19
107	Addicted to compulsion: assessing three core dimensions of addiction across obsessive-compulsive disorder and gambling disorder. <i>CNS Spectrums</i> , 2020, 25, 392-401.	1.2	19
108	Cingulum bundle abnormalities and risk for schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 385-391.	2.0	19

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109	Reduced limbic microstructural integrity in functional neurological disorder. <i>Psychological Medicine</i> , 2021, 51, 485-493.	4.5	19
110	Further understanding of the comorbidity between attention-deficit/hyperactivity disorder and bipolar disorder in adults: An MRI study of cortical thickness. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 1-11.	1.8	18
111	Brain Volumetric Correlates of Right Unilateral Versus Bitemporal Electroconvulsive Therapy for Treatment-Resistant Depression. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 152-158.	1.8	18
112	White matter association tracts underlying language and theory of mind: An investigation of 809 brains from the Human Connectome Project. <i>NeuroImage</i> , 2022, 246, 118739.	4.2	18
113	Advanced application of magnetic resonance imaging in human brain science. <i>Brain and Development</i> , 1995, 17, 399-408.	1.1	17
114	Creation of a novel trigeminal tractography atlas for automated trigeminal nerve identification. <i>NeuroImage</i> , 2020, 220, 117063.	4.2	17
115	Deficit-lesion correlations in syntactic comprehension in aphasia. <i>Brain and Language</i> , 2016, 152, 14-27.	1.6	15
116	Hyperactivity of caudate, parahippocampal, and prefrontal regions during working memory in never-medicated persons at clinical high-risk for psychosis. <i>Schizophrenia Research</i> , 2016, 173, 1-12.	2.0	15
117	Alcoholism and sexual dimorphism in the middle longitudinal fascicle: a pilot study. <i>Brain Imaging and Behavior</i> , 2017, 11, 1006-1017.	2.1	15
118	A Novel Approach of Groupwise fMRI-Guided Tractography Allowing to Characterize the Clinical Evolution of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e92026.	2.5	15
119	White matter abnormalities in long-term anabolic-androgenic steroid users: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 1-5.	1.8	14
120	Interactive Effects of Racial Identity and Repetitive Head Impacts on Cognitive Function, Structural MRI-Derived Volumetric Measures, and Cerebrospinal Fluid Tau and A β 2. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 440.	2.0	14
121	Individual variations of the human corticospinal tract and its hand-related motor fibers using diffusion MRI tractography. <i>Brain Imaging and Behavior</i> , 2020, 14, 696-714.	2.1	14
122	Genetic load determines atrophy in hand corticoâ€striatal pathways in presymptomatic Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 3871-3883.	3.6	13
123	Impact of sex and reproductive status on memory circuitry structure and function in early midlife using structural covariance analysis. <i>Human Brain Mapping</i> , 2019, 40, 1221-1233.	3.6	13
124	3D Exploration of the Brainstem in 50-Micron Resolution MRI. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 40.	1.7	13
125	White matter markers and predictors for subject-specific rTMS response in major depressive disorder. <i>Journal of Affective Disorders</i> , 2022, 299, 207-214.	4.1	13
126	Developmental stage-dependent relationships between ghrelin levels and hippocampal white matter connections in low-weight anorexia nervosa and atypical anorexia nervosa. <i>Psychoneuroendocrinology</i> , 2020, 119, 104722.	2.7	12

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127	How Human Is Human Connectonal Neuroanatomy?. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 18.	1.7	12
128	Multi-tensor investigation of orbitofrontal cortex tracts affected in subcaudate tractotomy. <i>Brain Imaging and Behavior</i> , 2015, 9, 342-352.	2.1	11
129	Abnormalities in gray matter microstructure in young adults with 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2019, 21, 101611.	2.7	10
130	The association of matrix metalloproteinase 9 (MMP9) with hippocampal volume in schizophrenia: a preliminary MRI study. <i>Neuropsychopharmacology</i> , 2022, 47, 524-530.	5.4	10
131	Understanding Alterations in Brain Connectivity in Attention-Deficit/Hyperactivity Disorder Using Imaging Connectomics. <i>Biological Psychiatry</i> , 2014, 76, 601-602.	1.3	9
132	Alterations of lateral temporal cortical gray matter and facial memory as vulnerability indicators for schizophrenia: An MRI study in youth at familial high-risk for schizophrenia. <i>Schizophrenia Research</i> , 2016, 170, 123-129.	2.0	9
133	Regional prefrontal cortical atrophy predicts specific cognitive-behavioral symptoms in ALS-FTD. <i>Brain Imaging and Behavior</i> , 2021, 15, 2540-2551.	2.1	9
134	Three-Dimensional Digital Reconstruction of the Cerebellar Cortex: Lobule Thickness, Surface Area Measurements, and Layer Architecture. <i>Cerebellum</i> , 2023, 22, 249-260.	2.5	9
135	MRI Atlas of the Human Deep Brain. <i>Frontiers in Neurology</i> , 2019, 10, 851.	2.4	8
136	MRI-based Parcellation and Morphometry of the Individual Rhesus Monkey Brain: the macaque Harvard-Oxford Atlas (mHOA), a translational system referencing a standardized ontology. <i>Brain Imaging and Behavior</i> , 2021, 15, 1589-1621.	2.1	8
137	Quantifying Genetic and Environmental Influence on Gray Matter Microstructure Using Diffusion MRI. <i>Cerebral Cortex</i> , 2020, 30, 6191-6205.	2.9	8
138	Altered basal forebrain BOLD signal variability at rest in posttraumatic stress disorder: A potential candidate vulnerability mechanism for neurodegeneration in PTSD. <i>Human Brain Mapping</i> , 2021, 42, 3561-3575.	3.6	8
139	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 215-228.	2.8	7
140	Structural organization of the praxis network predicts gesture production: Evidence from healthy subjects and patients with schizophrenia. <i>Cortex</i> , 2020, 132, 322-333.	2.4	7
141	Human Cochlear Nucleus on 7 Tesla Diffusion Tensor Imaging: Insights Into Micro-anatomy and Function for Auditory Brainstem Implant Surgery. <i>Otology and Neurotology</i> , 2020, 41, e484-e493.	1.3	7
142	Sex-Related Differences in White Matter Asymmetry and Its Implications for Verbal Working Memory in Psychosis High-Risk State. <i>Frontiers in Psychiatry</i> , 2021, 12, 686967.	2.6	7
143	Supwma: Consistent and Efficient Tractography Parcellation of Superficial White Matter with Deep Learning. , 2022, , .		7
144	Combined DTI–fMRI Analysis for a Quantitative Assessment of Connections Between WM Bundles and Their Peripheral Cortical Fields in Verbal Fluency. <i>Brain Topography</i> , 2016, 29, 814-823.	1.8	6

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145	A Virtual Patient Simulator Based on Human Connectome and 7 T MRI for Deep Brain Stimulation. <i>International Journal on Advances in Life Sciences</i> , 2014, 6, 364-372.	1.0	6
146	An Introduction to MR Imaging-Based Stroke Morphometry. <i>Neuroimaging Clinics of North America</i> , 2005, 15, 325-339.	1.0	5
147	Abnormalities in white matter tracts in the fronto-striatal-thalamic circuit are associated with verbal performance in 22q11.2DS. <i>Schizophrenia Research</i> , 2020, 224, 141-150.	2.0	5
148	Model-Based Variational Smoothing and Segmentation for Diffusion Tensor Imaging in the Brain. <i>Neuroinformatics</i> , 2006, 4, 217-234.	2.8	4
149	Advanced Applications of MRI in Human Brain Science. <i>Keio Journal of Medicine</i> , 2000, 49, 66-73.	1.1	4
150	Model and Predict Age and Sex in Healthy Subjects Using Brain White Matter Features: A Deep Learning Approach. , 2022, , .		4
151	â€œA Theta Burst Stimulation on Pre-SMA: Proof-of-Concept of Transcranial Magnetic Stimulation in Gambling Disorderâ€. <i>Journal of Gambling Studies</i> , 2022, 38, 1529-1537.	1.6	4
152	Sensory Modulation Disorder and its Neural Circuitry in Adults with ADHD: A Pilot Study. <i>Brain Imaging and Behavior</i> , 2021, 15, 930-940.	2.1	3
153	Advancing Research in Regeneration and Repair of the Motor Circuitry: Non-Human Primate Models and Imaging Scales as the Missing Links for Successfully Translating Injectable Therapeutics to the Clinic. <i>International Journal of Stem Cell Research and Therapy</i> , 2016, 3, .	1.0	3
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