

Dysmyelination Revealed through MRI as Increased Ratio of Water

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Citation Report

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1452	Diffusion tensor imaging of spinal cord parenchyma lesion in rat with chronic spinal cord injury. <i>Magnetic Resonance Imaging</i> , 2018, 47, 25-32.	1.0	32
1453	White matter structural integrity and transcranial Doppler blood flow pulsatility in normal aging. <i>Magnetic Resonance Imaging</i> , 2018, 47, 97-102.	1.0	11
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1469	Increased white matter connectivity seen in young judo athletes with MRI. <i>Clinical Radiology</i> , 2018, 73, 911.e17-911.e21.	0.5	3
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#	ARTICLE	IF	CITATIONS
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1623	Cortico-limbic connectivity as a possible biomarker for bipolar disorder: where are we now?. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 159-172.	1.4	29
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1625	Neuronal and vascular deficits following chronic adaptation to high altitude. <i>Experimental Neurology</i> , 2019, 311, 293-304.	2.0	20
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1627	Reduced white matter fractional anisotropy mediates cortical thickening in adults born preterm with very low birthweight. <i>NeuroImage</i> , 2019, 188, 217-227.	2.1	26
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1629	Linking spherical mean diffusion weighted signal with intra-axonal volume fraction. <i>Magnetic Resonance Imaging</i> , 2019, 57, 75-82.	1.0	4
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1645	Predominantly global genetic influences on individual white matter tract microstructure. <i>NeuroImage</i> , 2019, 184, 871-880.	2.1	18
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1651	The prospective relationship between prehypertension, race, and whole-brain white matter microstructure. <i>Journal of Human Hypertension</i> , 2020, 34, 82-89.	1.0	1
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1657	Widespread White Matter Aberrations Are Associated with Phonemic Verbal Fluency Impairment in Chronic Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 975-981.	1.7	7
1658	White matter microstructure in women with acute and remitted anorexia nervosa: an exploratory neuroimaging study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2429-2437.	1.1	10
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1662	Heavy drinking in adolescents is associated with change in brainstem microstructure and reward sensitivity. <i>Addiction Biology</i> , 2020, 25, e12781.	1.4	4
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1666	Effects of unilateral cortical resection of the visual cortex on bilateral human white matter. <i>NeuroImage</i> , 2020, 207, 116345.	2.1	8
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1668	Changes of brain DTI in healthy human subjects after 520 days isolation and confinement on a simulated mission to Mars. <i>Life Sciences in Space Research</i> , 2020, 24, 83-90.	1.2	12
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1674	Differences in attentional control and white matter microstructure in adolescents with attentional, affective, and behavioral disorders. <i>Brain Imaging and Behavior</i> , 2020, 14, 599-614.	1.1	4
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1676	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. <i>Human Brain Mapping</i> , 2020, 41, 1309-1322.	1.9	27
1677	Abnormal brain white matter in patients with hemifacial spasm: a diffusion tensor imaging study. <i>Neuroradiology</i> , 2020, 62, 369-375.	1.1	7
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1681	White Matter Microstructure in Individuals With and At Risk for Bipolar Disorder: Evidence for an Endophenotype From a Voxel-Based Meta-analysis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1104-1113.	1.1	17
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1683	Advanced non-invasive MRI of neuroplasticity in ischemic stroke: Techniques and applications. <i>Life Sciences</i> , 2020, 261, 118365.	2.0	8
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1686	Diffusion tensor magnetic resonance imaging of white matter integrity in patients with HIV-associated neurocognitive disorders. <i>Annals of Translational Medicine</i> , 2020, 8, 1314-1314.	0.7	6
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1691	Alterations in Microstructure and Local Fiber Orientation of White Matter Are Associated with Outcome after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2616-2623.	1.7	10
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1696	Illness remission status and commissural and associative brain white matter fiber changes in schizophrenia. <i>PsyCh Journal</i> , 2020, 9, 894-902.	0.5	2
1697	Cerebral diffusion kurtosis imaging to assess the pathophysiology of postpartum depression. <i>Scientific Reports</i> , 2020, 10, 15391.	1.6	4
1698	Long-term tract-specific white matter microstructural changes after acute stress. <i>Brain Imaging and Behavior</i> , 2021, 15, 1868-1875.	1.1	4
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1700	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
1701	Diffusion kurtosis imaging of gray matter in young adults with autism spectrum disorder. <i>Scientific Reports</i> , 2020, 10, 21465.	1.6	8
1702	Effect of Transcranial Low-Level Light Therapy vs Sham Therapy Among Patients With Moderate Traumatic Brain Injury. <i>JAMA Network Open</i> , 2020, 3, e2017337.	2.8	36
1703	Quantitative tractography reveals changes in the corticospinal tract in drug-naïve children with attention-deficit/hyperactivity disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 134-141.	1.4	11
1704	Age-related differences in white matter diffusion measures in autism spectrum condition. <i>Molecular Autism</i> , 2020, 11, 36.	2.6	17
1705	Attention-Deficit/Hyperactivity Disorder Predominantly Inattentive Subtype/Presentation: Research Progress and Translational Studies. <i>Brain Sciences</i> , 2020, 10, 292.	1.1	13
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1709	A Critical Review of White Matter Changes in Huntington's Disease. <i>Movement Disorders</i> , 2020, 35, 1302-1311.	2.2	41
1710	Review article: Structural brain alterations in prelingually deaf. <i>NeuroImage</i> , 2020, 220, 117042.	2.1	14
1711	Myelination- and immune-mediated MR-based brain network correlates. <i>Journal of Neuroinflammation</i> , 2020, 17, 186.	3.1	12
1712	White Matter Abnormalities Based on TBSS and Its Correlation With Impulsivity Behavior of Methamphetamine Addicts. <i>Frontiers in Psychiatry</i> , 2020, 11, 452.	1.3	13
1713	Sensorimotor white matter projections and disease severity in primary Restless Legs Syndrome/Willis-Ekbom disease: a multimodal DTI analysis. <i>Sleep Medicine</i> , 2020, 73, 106-116.	0.8	10
1714	Characterizing white matter connectivity in Alzheimer's disease and mild cognitive impairment: An automated fiber quantification analysis with two independent datasets. <i>Cortex</i> , 2020, 129, 390-405.	1.1	30
1715	Cerebrospinal Fluid 7-Ketocholesterol Level is Associated with Amyloid- β 242 and White Matter Microstructure in Cognitively Healthy Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 643-656.	1.2	8
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1720	Fascicle- and Glucose-Specific Deterioration in White Matter Energy Supply in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 863-881.	1.2	16
1721	REM sleep is associated with white matter integrity in cognitively healthy, older adults. <i>PLoS ONE</i> , 2020, 15, e0235395.	1.1	15
1722	Brain Structural and Functional Alterations Specific to Low Sleep Efficiency in Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2020, 14, 50.	1.4	28
1723	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
1724	Magnitude and timing of major white matter tract maturation from infancy through adolescence with NODDI. <i>NeuroImage</i> , 2020, 212, 116672.	2.1	58

#	ARTICLE	IF	CITATIONS
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1727	Diagnostic potential of automated tractography in progressive supranuclear palsy variants. <i>Parkinsonism and Related Disorders</i> , 2020, 72, 65-71.	1.1	11
1728	Alterations in brain white matter microstructural properties in patients with Crohn's disease in remission. <i>Scientific Reports</i> , 2020, 10, 2145.	1.6	14
1729	Accelerating Structural Degeneration in Temporal Regions and Their Effects on Cognition in Aging of MCI Patients. <i>Cerebral Cortex</i> , 2020, 30, 326-338.	1.6	13
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1731	What you learn & when you learn it: Impact of early bilingual & music experience on the structural characteristics of auditory-motor pathways. <i>NeuroImage</i> , 2020, 213, 116689.	2.1	13
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1733	Early sexual trauma is related with the tapetum in patients with panic disorder. <i>Journal of Affective Disorders</i> , 2020, 267, 107-113.	2.0	10
1734	Advanced neuroimaging approaches in amyotrophic lateral sclerosis: refining the clinical diagnosis. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 237-249.	1.4	22
1735	White matter microstructural organizations in patients with severe treatment-resistant schizophrenia: A diffusion tensor imaging study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109871.	2.5	21
1736	Neurovascular unit dysregulation, white matter disease, and executive dysfunction: the shared triad of vascular cognitive impairment and Alzheimer disease. <i>GeroScience</i> , 2020, 42, 445-465.	2.1	50
1737	Cingulum-Callosal white-matter microstructure associated with emotional dysregulation in children: A diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2020, 27, 102266.	1.4	18
1738	Association between diffusivity measures and language and cognitive-control abilities from early toddler's age to childhood. <i>Brain Structure and Function</i> , 2020, 225, 1103-1122.	1.2	13
1739	Morphological and microstructural brain changes in thyroid-associated ophthalmopathy: a combined voxel-based morphometry and diffusion tensor imaging study. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 1591-1598.	1.8	23
1740	Usefulness of diffusion tensor imaging findings as biomarkers for amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020, 10, 5199.	1.6	26
1741	The Relationship Between Axon Density, Myelination, and Fractional Anisotropy in the Human Corpus Callosum. <i>Cerebral Cortex</i> , 2020, 30, 2042-2056.	1.6	70
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#	ARTICLE	IF	CITATIONS
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1744	White matter microstructure predicts foreign language learning in army interpreters. <i>Bilingualism</i> , 2020, 23, 763-771.	1.0	4
1745	White Matter Abnormalities in Retired Professional Rugby League Players with a History of Concussion. <i>Journal of Neurotrauma</i> , 2021, 38, 983-988.	1.7	20
1746	Lesion Size- and Location-Dependent Recruitment of Contralateral Thalamus and Motor Cortex Facilitates Recovery after Stroke in Mice. <i>Translational Stroke Research</i> , 2021, 12, 87-97.	2.3	22
1747	Cognitive disturbances in the cuprizone model of multiple sclerosis. <i>Genes, Brain and Behavior</i> , 2021, 20, e12663.	1.1	8
1748	So You Want to Image Myelin Using MRI: An Overview and Practical Guide for Myelin Water Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 360-373.	1.9	60
1749	Brain Structural-Behavioral Correlates Underlying Grooved Pegboard Test Performance Across Lifespan. <i>Journal of Motor Behavior</i> , 2021, 53, 373-384.	0.5	5
1750	Microstructural white matter abnormalities in hypothyroidism evaluation with diffusion tensor imaging tract-based spatial statistical analysis. <i>Radiologia Medica</i> , 2021, 126, 283-290.	4.7	9
1751	White matter microstructure in schizophrenia patients with a history of violence. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 623-634.	1.8	15
1752	Relationship between white matter microstructure and work hours. <i>Neuroscience Letters</i> , 2021, 740, 135428.	1.0	2
1753	Material hardship, prefrontal cortexâ€œamygdala structure, and internalizing symptoms in children. <i>Developmental Psychobiology</i> , 2021, 63, 364-377.	0.9	9
1754	Plasma lipids are associated with white matter microstructural changes and axonal degeneration. <i>Brain Imaging and Behavior</i> , 2021, 15, 1043-1057.	1.1	10
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