

Ofer Pasternak

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

7,402
citations

76294

40
h-index

66879

78
g-index

164
all docs

164
docs citations

164
times ranked

8257
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion Tensor Imaging (DTI)-based White Matter Mapping in Brain Research: A Review. <i>Journal of Molecular Neuroscience</i> , 2008, 34, 51-61.	1.1	1,252
2	Free water elimination and mapping from diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 717-730.	1.9	754
3	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. <i>Journal of Neuroscience</i> , 2012, 32, 17365-17372.	1.7	259
4	Q-space trajectory imaging for multidimensional diffusion MRI of the human brain. <i>NeuroImage</i> , 2016, 135, 345-362.	2.1	256
5	Longitudinal changes in free-water within the substantia nigra of Parkinson's disease. <i>Brain</i> , 2015, 138, 2322-2331.	3.7	177
6	Free-water imaging in Parkinson's disease and atypical parkinsonism. <i>Brain</i> , 2016, 139, 495-508.	3.7	165
7	Age at First Exposure to Football Is Associated with Altered Corpus Callosum White Matter Microstructure in Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2015, 32, 1768-1776.	1.7	150
8	Progression marker of Parkinson's disease: a 4-year multi-site imaging study. <i>Brain</i> , 2017, 140, 2183-2192.	3.7	139
9	Increased free water in the substantia nigra of Parkinson's disease: a single-site and multi-site study. <i>Neurobiology of Aging</i> , 2015, 36, 1097-1104.	1.5	133
10	Cortical microstructural changes along the Alzheimer's disease continuum. <i>Alzheimer's and Dementia</i> , 2018, 14, 340-351.	0.4	122
11	In vivo imaging of neuroinflammation in schizophrenia. <i>Schizophrenia Research</i> , 2016, 173, 200-212.	1.1	118
12	The extent of diffusion MRI markers of neuroinflammation and white matter deterioration in chronic schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 113-118.	1.1	115
13	White matter abnormalities across the lifespan of schizophrenia: a harmonized multi-site diffusion MRI study. <i>Molecular Psychiatry</i> , 2020, 25, 3208-3219.	4.1	115
14	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. <i>European Heart Journal</i> , 2022, 43, 1124-1137.	1.0	111
15	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 764-774.	0.4	108
16	Cavum Septi Pellucidi in Symptomatic Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2016, 33, 346-353.	1.7	102
17	White Matter Microstructure in Individuals at Clinical High Risk of Psychosis: A Whole-Brain Diffusion Tensor Imaging Study. <i>Schizophrenia Bulletin</i> , 2014, 40, 895-903.	2.3	97
18	Does diffusion MRI tell us anything about the white matter? An overview of methods and pitfalls. <i>Schizophrenia Research</i> , 2015, 161, 133-141.	1.1	86

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19	Multi-site harmonization of diffusion MRI data in a registration framework. <i>Brain Imaging and Behavior</i> , 2018, 12, 284-295.	1.1	83
20	Association of Choroid Plexus Enlargement With Cognitive, Inflammatory, and Structural Phenotypes Across the Psychosis Spectrum. <i>American Journal of Psychiatry</i> , 2019, 176, 564-572.	4.0	82
21	Individual deviations from normative models of brain structure in a large cross-sectional schizophrenia cohort. <i>Molecular Psychiatry</i> , 2021, 26, 3512-3523.	4.1	78
22	Advances in microstructural diffusion neuroimaging for psychiatric disorders. <i>NeuroImage</i> , 2018, 182, 259-282.	2.1	77
23	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.	1.7	76
24	Re-examining age-related differences in white matter microstructure with free-water corrected diffusion tensor imaging. <i>Neurobiology of Aging</i> , 2018, 71, 161-170.	1.5	76
25	Development and validation of the automated imaging differentiation in parkinsonism (AID-P): a multicentre machine learning study. <i>The Lancet Digital Health</i> , 2019, 1, e222-e231.	5.9	73
26	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017, 38, 12-26.	1.9	72
27	Distinct white matter microstructural abnormalities and extracellular water increases relate to cognitive impairment in Alzheimer's disease with and without cerebrovascular disease. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 63.	3.0	70
28	Widespread white matter degeneration preceding the onset of dementia. <i>Alzheimer's and Dementia</i> , 2015, 11, 485.	0.4	67
29	Estimation of Extracellular Volume from Regularized Multi-shell Diffusion MRI. <i>Lecture Notes in Computer Science</i> , 2012, 15, 305-312.	1.0	65
30	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.	1.7	63
31	Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. <i>NeuroImage: Clinical</i> , 2018, 17, 642-649.	1.4	62
32	Reconstruction of the arcuate fasciculus for surgical planning in the setting of peritumoral edema using two-tensor unscented Kalman filter tractography. <i>NeuroImage: Clinical</i> , 2015, 7, 815-822.	1.4	60
33	The blood brain barrier and neuropsychiatric lupus: new perspectives in light of advances in understanding the neuroimmune interface. <i>Autoimmunity Reviews</i> , 2017, 16, 612-619.	2.5	60
34	Free water improves detection of changes in the substantia nigra in parkinsonism: A multisite study. <i>Movement Disorders</i> , 2017, 32, 1457-1464.	2.2	60
35	Characterizing white matter changes in chronic schizophrenia: A free-water imaging multi-site study. <i>Schizophrenia Research</i> , 2017, 189, 153-161.	1.1	56
36	Applying a free-water correction to diffusion imaging data uncovers stress-related neural pathology in depression. <i>NeuroImage: Clinical</i> , 2016, 10, 336-342.	1.4	54

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37	Neuroimaging in repetitive brain trauma. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 10.	3.0	49
38	The effect of metric selection on the analysis of diffusion tensor MRI data. <i>NeuroImage</i> , 2010, 49, 2190-2204.	2.1	48
39	Substantia Nigra Free Water Increases Longitudinally in Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 479-484.	1.2	47
40	Large-Scale Evidence for an Association Between Peripheral Inflammation and White Matter Free Water in Schizophrenia and Healthy Individuals. <i>Schizophrenia Bulletin</i> , 2021, 47, 542-551.	2.3	47
41	Separating blood and water: Perfusion and free water elimination from diffusion MRI in the human brain. <i>NeuroImage</i> , 2017, 156, 423-434.	2.1	46
42	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.	2.3	45
43	White matter abnormalities in mild traumatic brain injury with and without post-traumatic stress disorder: a subject-specific diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2018, 12, 870-881.	1.1	44
44	Corticospinal tract modeling for neurosurgical planning by tracking through regions of peritumoral edema and crossing fibers using two-tensor unscented Kalman filter tractography. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 1475-1486.	1.7	42
45	Variational multiple-tensor fitting of fiber-ambiguous diffusion-weighted magnetic resonance imaging voxels. <i>Magnetic Resonance Imaging</i> , 2008, 26, 1133-1144.	1.0	41
46	Free water modeling of peritumoral edema using multi-fiber tractography: Application to tracking the arcuate fasciculus for neurosurgical planning. <i>PLoS ONE</i> , 2018, 13, e0197056.	1.1	40
47	A magnetic resonance spectroscopy investigation in symptomatic former NFL players. <i>Brain Imaging and Behavior</i> , 2020, 14, 1419-1429.	1.1	39
48	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.	1.4	37
49	Performance of unscented Kalman filter tractography in edema: Analysis of the two-tensor model. <i>NeuroImage: Clinical</i> , 2017, 15, 819-831.	1.4	37
50	The Impact of 6 and 12 Months in Space on Human Brain Structure and Intracranial Fluid Shifts. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa023.	0.7	37
51	Neuroepigenetic signatures of age and sex in the living human brain. <i>Nature Communications</i> , 2019, 10, 2945.	5.8	36
52	Deep learning based segmentation of brain tissue from diffusion MRI. <i>NeuroImage</i> , 2021, 233, 117934.	2.1	36
53	Automated versus manual segmentation of brain region volumes in former football players. <i>NeuroImage: Clinical</i> , 2018, 18, 888-896.	1.4	35
54	Limbic system structure volumes and associated neurocognitive functioning in former NFL players. <i>Brain Imaging and Behavior</i> , 2019, 13, 725-734.	1.1	35

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55	Amyloid burden accelerates white matter degradation in cognitively normal elderly individuals. <i>Human Brain Mapping</i> , 2019, 40, 2065-2075.	1.9	35
56	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2020, 16, 1504-1514.	0.4	35
57	Childhood adversity associated with white matter alteration in the corpus callosum, corona radiata, and uncinate fasciculus of psychiatrically healthy adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 449-458.	1.1	34
58	Comparing free water imaging and magnetization transfer measurements in schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 126-132.	1.1	31
59	Free-water and BOLD imaging changes in Parkinson's disease patients chronically treated with a MAO-B inhibitor. <i>Human Brain Mapping</i> , 2016, 37, 2894-2903.	1.9	31
60	White matter microstructural abnormalities and default network degeneration are associated with early memory deficit in Alzheimer's disease continuum. <i>Scientific Reports</i> , 2019, 9, 4749.	1.6	31
61	Enlarged lateral ventricles inversely correlate with reduced corpus callosum central volume in first episode schizophrenia: association with functional measures. <i>Brain Imaging and Behavior</i> , 2016, 10, 1264-1273.	1.1	30
62	Cell type-specific manifestations of cortical thickness heterogeneity in schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 2052-2060.	4.1	29
63	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.	4.0	28
64	Increased extracellular free-water in adult male rats following in utero exposure to maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 283-287.	2.0	28
65	Substantia nigra locations of iron-content, free-water and mean diffusivity abnormalities in moderate stage Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 146-152.	1.1	27
66	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.	1.1	26
67	Fornix Under Water? Ventricular Enlargement Biases Forniceal Diffusion Magnetic Resonance Imaging Indices in Anorexia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 430-437.	1.1	25
68	Brain functional connectivity data enhance prediction of clinical outcome in youth at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102108.	1.4	25
69	Patients with chronic bipolar disorder exhibit widespread increases in extracellular free water. <i>Bipolar Disorders</i> , 2018, 20, 523-530.	1.1	24
70	Freewater estimator using interpolated initialization (FERNET): Characterizing peritumoral edema using clinically feasible diffusion MRI data. <i>PLoS ONE</i> , 2020, 15, e0233645.	1.1	24
71	Mild traumatic brain injury impacts associations between limbic system microstructure and post-traumatic stress disorder symptomatology. <i>NeuroImage: Clinical</i> , 2020, 26, 102190.	1.4	24
72	Magnetic Resonance Imaging Pilot Study of Intravenous Glyburide in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 185-193.	1.7	23

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73	The association of white matter free water with cognition in older adults. <i>NeuroImage</i> , 2020, 219, 117040.	2.1	23
74	White-matter free-water diffusion MRI in schizophrenia: a systematic review and meta-analysis. <i>Neuropsychopharmacology</i> , 2022, 47, 1413-1420.	2.8	22
75	Neuroimaging auditory verbal hallucinations in schizophrenia patient and healthy populations. <i>Psychological Medicine</i> , 2020, 50, 403-412.	2.7	21
76	Studying pre-treatment and ketamine-induced changes in white matter microstructure in the context of ketamine's antidepressant effects. <i>Translational Psychiatry</i> , 2020, 10, 432.	2.4	20
77	Diffusion imaging of mild traumatic brain injury in the impact accelerated rodent model: A pilot study. <i>Brain Injury</i> , 2017, 31, 1376-1381.	0.6	19
78	Neuro-Metabolite Changes in a Single Season of University Ice Hockey Using Magnetic Resonance Spectroscopy. <i>Frontiers in Neurology</i> , 2018, 9, 616.	1.1	19
79	Within-lesion heterogeneity of subcortical DWI lesion evolution, and stroke outcome: A voxel-based analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1482-1491.	2.4	19
80	Investigating Sexual Dimorphism of Human White Matter in a Harmonized, Multisite Diffusion Magnetic Resonance Imaging Study. <i>Cerebral Cortex</i> , 2021, 31, 201-212.	1.6	19
81	Improving the predictive potential of diffusion MRI in schizophrenia using normative models—Towards subject-level classification. <i>Human Brain Mapping</i> , 2021, 42, 4658-4670.	1.9	18
82	Elucidating the relationship between white matter structure, demographic, and clinical variables in schizophrenia—a multicenter harmonized diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2021, 26, 5357-5370.	4.1	17
83	Alteration of gray matter microstructure in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 54-63.	1.1	16
84	Estimation of diffusion, perfusion and fractional volumes using a multi-compartment relaxation-compensated intravoxel incoherent motion (IVIM) signal model. <i>European Journal of Radiology Open</i> , 2019, 6, 198-205.	0.7	15
85	MK-curve - Characterizing the relation between mean kurtosis and alterations in the diffusion MRI signal. <i>NeuroImage</i> , 2019, 196, 68-80.	2.1	15
86	White matter changes in psychosis risk relate to development and are not impacted by the transition to psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 6833-6844.	4.1	15
87	Increased extracellular fluid is associated with white matter fiber degeneration in CADASIL: in vivo evidence from diffusion magnetic resonance imaging. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 29.	2.4	15
88	Fast GL(n)-Invariant Framework for Tensors Regularization. <i>International Journal of Computer Vision</i> , 2009, 85, 211-222.	10.9	14
89	Diffusion abnormalities in the corpus callosum in first episode schizophrenia: Associated with enlarged lateral ventricles and symptomatology. <i>Psychiatry Research</i> , 2019, 277, 45-51.	1.7	14
90	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.	1.0	14

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91	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.	1.1	14
92	Fast and accurate initialization of the free-water imaging model parameters from multi-shell diffusion MRI. <i>NMR in Biomedicine</i> , 2020, 33, e4219.	1.6	14
93	White matter microstructure across brain-based biotypes for psychosis " findings from the bipolar-schizophrenia network for intermediate phenotypes. <i>Psychiatry Research - Neuroimaging</i> , 2021, 308, 111234.	0.9	14
94	Genetic load determines atrophy in hand cortico-striatal pathways in presymptomatic Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 3871-3883.	1.9	13
95	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 2465-2477.	1.6	13
96	Cellular and extracellular white matter alterations indicate conversion to psychosis among individuals at clinical high-risk for psychosis. <i>World Journal of Biological Psychiatry</i> , 2020, 22, 1-14.	1.3	13
97	Effects of Spaceflight Stressors on Brain Volume, Microstructure, and Intracranial Fluid Distribution. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab022.	0.7	13
98	Orthogonal moment diffusion tensor decomposition reveals age-related degeneration patterns in complex fiber architecture. <i>Neurobiology of Aging</i> , 2021, 101, 150-159.	1.5	13
99	Association of white matter microstructure and extracellular free-water with cognitive performance in the early course of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2020, 305, 111159.	0.9	12
100	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.	1.3	12
101	Serum Neurosteroid Levels Are Associated With Cortical Thickness in Individuals Diagnosed With Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury. <i>Clinical EEG and Neuroscience</i> , 2020, 51, 285-299.	0.9	12
102	Age at First Exposure to Tackle Football is Associated with Cortical Thickness in Former Professional American Football Players. <i>Cerebral Cortex</i> , 2021, 31, 3426-3434.	1.6	11
103	Free-water diffusion MRI detects structural alterations surrounding white matter hyperintensities in the early stage of cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, , 0271678X2210935.	2.4	11
104	Abnormalities in gray matter microstructure in young adults with 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2019, 21, 101611.	1.4	10
105	The association of matrix metalloproteinase 9 (MMP9) with hippocampal volume in schizophrenia: a preliminary MRI study. <i>Neuropsychopharmacology</i> , 2022, 47, 524-530.	2.8	10
106	Thalamic Dorsomedial Nucleus Free Water Correlates with Cognitive Decline in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 490-501.	2.2	10
107	Microscopic interpretation and generalization of the Bloch-Torrey equation for diffusion magnetic resonance. <i>Journal of Magnetic Resonance</i> , 2017, 277, 95-103.	1.2	8
108	Exercise effects on bed rest-induced brain changes. <i>PLoS ONE</i> , 2018, 13, e0205515.	1.1	8

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109	Microstructural White Matter and Links With Subcortical Structures in Chronic Schizophrenia: A Free-Water Imaging Approach. <i>Frontiers in Psychiatry</i> , 2020, 11, 56.	1.3	8
110	Neurocognitive markers of childhood abuse in individuals with PTSD: Findings from the INTRuST Clinical Consortium. <i>Journal of Psychiatric Research</i> , 2020, 121, 108-117.	1.5	7
111	MK-Curve improves sensitivity to identify white matter alterations in clinical high risk for psychosis. <i>NeuroImage</i> , 2021, 226, 117564.	2.1	7
112	Strengthened structureâ€“function relationships of the corticospinal tract by free water correction after stroke. <i>Brain Communications</i> , 2021, 3, fcab034.	1.5	7
113	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.	1.3	7
114	Exposure to Repetitive Head Impacts Is Associated With Corpus Callosum Microstructure and Plasma Total Tau in Former Professional American Football Players. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1819-1829.	1.9	7
115	Diffusion Magnetic Resonance Imaging Detects Progression in <sc>Parkinson's</sc> Disease: A Placeboâ€“Controlled Trial of Rasagiline. <i>Movement Disorders</i> , 2022, 37, 325-333.	2.2	7
116	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	7
117	Free water diffusion MRI and executive function with a speed component in healthy aging. <i>NeuroImage</i> , 2022, 257, 119303.	2.1	7
118	Evaluating the validity of self-report as a method for quantifying heading exposure in male youth soccer. <i>Research in Sports Medicine</i> , 2021, 29, 427-439.	0.7	6
119	Microstructural alterations in medial forebrain bundle are associated with <sc>interindividual</sc> pain sensitivity. <i>Human Brain Mapping</i> , 2021, 42, 1130-1137.	1.9	6
120	REPIMPACT - a prospective longitudinal multisite study on the effects of repetitive head impacts in youth soccer. <i>Brain Imaging and Behavior</i> , 2022, 16, 492-502.	1.1	6
121	Changes in circulating microRNAs following head impacts in soccer. <i>Brain Injury</i> , 2022, 36, 560-571.	0.6	6
122	Differential Relationships Between Brain Structure and Dual Task Walking in Young and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 809281.	1.7	6
123	A 16-week randomized placebo-controlled trial investigating the effects of omega-3 polyunsaturated fatty acid treatment on white matter microstructure in recent-onset psychosis patients concurrently treated with risperidone. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111219.	0.9	5
124	Brain white matter extracellular free-water increases are related to reduced neurocognitive function in systemic lupus erythematosus. <i>Rheumatology</i> , 2022, 61, 1166-1174.	0.9	5
125	Opposing white matter microstructure abnormalities in 22q11.2 deletion and duplication carriers. <i>Translational Psychiatry</i> , 2021, 11, 580.	2.4	4
126	Case Report: No Evidence of Intracranial Fluid Shifts in an Astronaut Following an Aborted Launch. <i>Frontiers in Neurology</i> , 2021, 12, 774805.	1.1	4

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127	Effects of Multi-Shell Free Water Correction on Glioma Characterization. <i>Diagnostics</i> , 2021, 11, 2385.	1.3	4
128	Shared and distinct white matter abnormalities in adolescent-onset schizophrenia and adolescent-onset psychotic bipolar disorder. <i>Psychological Medicine</i> , 2023, 53, 4707-4719.	2.7	4
129	Diffusion MRI derived free-water imaging measures in patients with schizophrenia and their non-psychotic siblings. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110238.	2.5	3
130	Superficial white matter microstructure affects processing speed in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2022, 43, 5310-5325.	1.9	3
131	Regularization of diffusion tensor MRI via local coordinates. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2007, 7, 1011211-1011212.	0.2	1
132	[P4â€“237]: WHITE MATTER MICROSTRUCTURAL AND EXTRACELLULAR FREEâ€“WATER CHANGES ASSOCIATED WITH COGNITION IN AMNESTIC MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1365.	0.4	0
133	158. Female-Specific Excessive Extracellular Free-Water in Prodromal Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, S81-S81.	2.3	0
134	P2â€“423: GREATER LONGITUDINAL WHITE MATTER MICROSTRUCTURE AND EXTRACELLULAR FREEâ€“WATER CHANGES IN HEALTHY ELDERLY APOE4 ALLELE CARRIERS. <i>Alzheimer's and Dementia</i> , 2018, 14, P871.	0.4	0
135	6. FACT OR ARTIFACT? BENEFITS AND LIMITATIONS OF ADVANCED NEUROIMAGING METHODS FOR PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2018, 44, S8-S8.	2.3	0
136	T201. THE STUDY OF WHITE MATTER MATURATION IN THREE POPULATIONS OF GENETIC HIGH RISK FOR SCHIZOPHRENIA INDIVIDUALS SPANNING THE DEVELOPMENTAL TIMELINE. <i>Schizophrenia Bulletin</i> , 2018, 44, S194-S195.	2.3	0
137	6.2 MICROSTRUCTURAL IMAGING WITH ADVANCED DIFFUSION MRI METHODS â€“ WHAT IS GAINED AND WHAT IS LOST?. <i>Schizophrenia Bulletin</i> , 2018, 44, S9-S9.	2.3	0
138	T14. FUNCTIONAL AND STRUCTURAL CONNECTIVITY IN SUBJECTS AT HIGH RISK FOR PSYCHOSIS AS A POSSIBLE BIOMARKER FOR THEIR TRANSITION TO SCHIZOPHRENIA â€“ A COMBINED EEG AND DTI STUDY. <i>Schizophrenia Bulletin</i> , 2019, 45, S208-S209.	2.3	0
139	ICâ€“Pâ€“038: DIFFERENTIAL GREY AND WHITE MATTER MICROSTRUCTURAL ABNORMALITIES IN EARLY AND LATEâ€“ONSET ALZHEIMER'S DISEASE AND MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2019, 15, P43.	0.4	0
140	T95. FREE WATER IMAGING REVEALS DIFFERENTIAL PATTERNS OF WHITE MATTER ALTERATIONS IN INDIVIDUALS WITH ADOLESCENT-ONSET SCHIZOPHRENIA AND BIPOLAR DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S240-S241.	2.3	0
141	O10.2. EFFECTS OF ADJUVANT OMEGA-3 POLYUNSATURATED FATTY ACIDS ON WHITE MATTER IN INDIVIDUALS WITH RECENT-ONSET PSYCHOSIS TREATED CONCURRENTLY WITH RISPERIDONE. <i>Schizophrenia Bulletin</i> , 2019, 45, S190-S190.	2.3	0
142	O11.4. DIAGNOSIS AND BIOTYPE COMPARISON ACROSS THE PSYCHOSIS SPECTRUM: INVESTIGATING WHITE MATTER MICROSTRUCTURAL DIFFERENCES FROM THE BIPOLAR-SCHIZOPHRENIA NETWORK ON INTERMEDIATE PHENOTYPES (B-SNIP) STUDY USING FREE-WATER IMAGING. <i>Schizophrenia Bulletin</i> , 2019, 45, S195-S195.	2.3	0
143	42.3 MICROSTRUCTURAL WHITE MATTER ABNORMALITIES ASSOCIATED WITH AUDITORY VERBAL HALLUCINATIONS. <i>Schizophrenia Bulletin</i> , 2019, 45, S157-S158.	2.3	0
144	O7.1. ABNORMAL DEVELOPMENT, FAULTY MATURATION OR ACCELERATED AGING? â€“WHITE MATTER AT THE CENTER STAGE OF SCHIZOPHRENIAâ€“REVISITED. <i>Schizophrenia Bulletin</i> , 2019, 45, S178-S179.	2.3	0

#	ARTICLE	IF	CITATIONS
145	14. IS BIGGER BETTER? PROMISES AND PITFALLS OF BIG DATA IN NEUROIMAGING OF PSYCHOSIS. Schizophrenia Bulletin, 2019, 45, S110-S110.	2.3	0
146	14.4 IMPROVING SPECIFICITY AND HARMONIZING MULTI-SITE DIFFUSION MRI DATA TO IDENTIFY LIFESPAN TRAJECTORIES IN PSYCHOSIS. Schizophrenia Bulletin, 2019, 45, S112-S112.	2.3	0
147	M155. RECIPROCAL CHANGES IN WHITE MATTER MICROSTRUCTURE IN 22Q11.2 DELETION AND DUPLICATION SYNDROME. Schizophrenia Bulletin, 2020, 46, S194-S195.	2.3	0
148	S147. FUNCTIONAL BRAIN CONNECTIVITY DATA IMPROVE CLINICAL OUTCOME PREDICTION IN YOUTH AT RISK FOR PSYCHOSIS. Schizophrenia Bulletin, 2020, 46, S92-S92.	2.3	0
149	S157. A MULTICENTER HARMONIZED DIFFUSION TENSOR IMAGING STUDY ON THE ASSOCIATION OF WHITE MATTER STRUCTURE AND CLINICAL FUNCTIONING. Schizophrenia Bulletin, 2020, 46, S95-S96.	2.3	0
150	S168. THE ASSOCIATION BETWEEN MMP-9 AND CHOROID PLEXUS VOLUME IN SCHIZOPHRENIA. Schizophrenia Bulletin, 2020, 46, S100-S101.	2.3	0
151	Stage-dependent amyloid beta and tau-associated longitudinal white matter degeneration in early stages of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e040201.	0.4	0
152	Brain free water increases mediate the association of blood cardiovascular biomarkers with longitudinal cognitive decline in prodromal and clinical dementia. Alzheimer's and Dementia, 2020, 16, e044477.	0.4	0
153	Cellular and Extracellular White Matter Abnormalities in Obsessive-Compulsive Disorder: A Diffusion Magnetic Resonance Imaging Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 983-991.	1.1	0
154	O5.6. ADVANCED DIFFUSION IMAGING IN PSYCHOSIS RISK: A CROSS-SECTIONAL AND LONGITUDINAL STUDY OF WHITE MATTER DEVELOPMENT. Schizophrenia Bulletin, 2020, 46, S13-S13.	2.3	0
155	Longitudinal Changes in Brain Diffusion MRI Indices during and after Proton Beam Therapy in a Child with Pilocytic Astrocytoma: A Case Report. Diagnostics, 2022, 12, 26.	1.3	0
156	Title is missing!. , 2020, 15, e0233645.		0
157	Title is missing!. , 2020, 15, e0233645.		0
158	Title is missing!. , 2020, 15, e0233645.		0
159	Title is missing!. , 2020, 15, e0233645.		0