

# Yu Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,388  
citations

293460

24  
h-index

466096

32  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical thickness abnormalities in patients with post-traumatic stress disorder: A vertex-based meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 134, 104519.	2.9	11
2	Brainstem Diffusion Tensor Tractography and Clinical Applications in Pain. <i>Frontiers in Pain Research</i> , 2022, 3, 840328.	0.9	3
3	Brainstem damage is associated with poorer sleep quality and increased pain in gulf war illness veterans. <i>Life Sciences</i> , 2021, 280, 119724.	2.0	9
4	Distant histories of mild traumatic brain injury exacerbate age-related differences in white matter properties. <i>Neurobiology of Aging</i> , 2021, 107, 30-41.	1.5	2
5	White matter changes in drug-naïve Parkinson's disease patients with impulse control & probable REM sleep behavior disorders. <i>Journal of the Neurological Sciences</i> , 2021, 430, 120032.	0.3	3
6	White Matter Asymmetry: A Reflection of Pathology in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 373-381.	1.7	11
7	Diffusion Tensor Imaging in Parkinson's Disease and Parkinsonian Syndrome: A Systematic Review. <i>Frontiers in Neurology</i> , 2020, 11, 531993.	1.1	43
8	Diffusion tensor tractography of brainstem fibers and its application in pain. <i>PLoS ONE</i> , 2020, 15, e0213952.	1.1	27
9	Brainstem atrophy in Gulf War Illness. <i>NeuroToxicology</i> , 2020, 78, 71-79.	1.4	23
10	Linking diffusion tensor imaging, microstructures and Parkinson's disease. , 2020, , 295-311.		3
11	Effects of low-level sarin and cyclosarin exposure on hippocampal microstructure in Gulf War Veterans. <i>Neurotoxicology and Teratology</i> , 2018, 68, 36-46.	1.2	18
12	Multiple modality biomarker prediction of cognitive impairment in prospectively followed de novo Parkinson disease. <i>PLoS ONE</i> , 2017, 12, e0175674.	1.1	110
13	Progression of Microstructural Degeneration in Progressive Supranuclear Palsy and Corticobasal Syndrome: A Longitudinal Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2016, 11, e0157218.	1.1	40
14	Progression of Regional Microstructural Degeneration in Parkinson's Disease: A Multicenter Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2016, 11, e0165540.	1.1	73
15	Multimodal Voxel-Based Meta-Analysis of White Matter Abnormalities in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 495-507.	1.2	31
16	Diffusion imaging of nigral alterations in early Parkinson's disease with dopaminergic deficits. <i>Movement Disorders</i> , 2015, 30, 1885-1892.	2.2	52
17	Diffusion tensor imaging of the nigrostriatal fibers in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1229-1236.	2.2	97
18	Effects of low-level sarin and cyclosarin exposure on white matter integrity in Gulf War Veterans. <i>NeuroToxicology</i> , 2015, 48, 239-248.	1.4	31

#	ARTICLE	IF	CITATIONS
19	P1-269: LONGITUDINAL WHITE MATTER MICROSTRUCTURAL CHANGES IN FRONTOTEMPORAL LOBAR DEGENERATION SUBTYPES. , 2014, 10, P407-P408.		0
20	IC-P-080: LONGITUDINAL WHITE MATTER MICROSTRUCTURAL CHANGES IN FRONTOTEMPORAL LOBAR DEGENERATION SUBTYPES. , 2014, 10, P44-P45.		0
21	IC-P-225: VARIATION IN REGIONAL RESTING-STATE BOLD COMPLEXITY WITH BRAIN AMYLOID IN MILD COGNITIVE IMPAIRMENT. , 2014, 10, P121-P121.		0
22	Associations between White Matter Hyperintensities and $\beta$ Amyloid on Integrity of Projection, Association, and Limbic Fiber Tracts Measured with Diffusion Tensor MRI. PLoS ONE, 2013, 8, e65175.	1.1	77
23	MRI Markers for Mild Cognitive Impairment: Comparisons between White Matter Integrity and Gray Matter Volume Measurements. PLoS ONE, 2013, 8, e66367.	1.1	64
24	Linking white matter integrity loss to associated cortical regions using structural connectivity information in Alzheimer's disease and fronto-temporal dementia: The Loss in Connectivity (LoCo) score. NeuroImage, 2012, 61, 1311-1323.	2.1	26
25	MRI Signatures of Brain Macrostructural Atrophy and Microstructural Degradation in Frontotemporal Lobar Degeneration Subtypes. Journal of Alzheimer's Disease, 2012, 33, 431-444.	1.2	66
26	Executive dysfunction in frontotemporal dementia is related to abnormalities in frontal white matter tracts. Journal of Neurology, 2012, 259, 1071-1080.	1.8	42
27	Regional alterations of brain microstructure in Parkinson's disease using diffusion tensor imaging. Movement Disorders, 2012, 27, 90-97.	2.2	168
28	Progression of white matter degeneration in amyotrophic lateral sclerosis: A diffusion tensor imaging study. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 421-429.	2.3	52
29	Patterns of altered cortical perfusion and diminished subcortical integrity in posttraumatic stress disorder: An MRI study. NeuroImage, 2011, 54, S62-S68.	2.1	137
30	Joint Assessment of Structural, Perfusion, and Diffusion MRI in Alzheimer's Disease and Frontotemporal Dementia. International Journal of Alzheimer's Disease, 2011, 2011, 1-11.	1.1	58
31	Neuroanatomical correlates of apathy in ALS using 4 Tesla diffusion tensor MRI. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2011, 12, 52-58.	2.3	68
32	Concordance and Discordance Between Brain Perfusion and Atrophy in Frontotemporal Dementia. Brain Imaging and Behavior, 2010, 4, 46-54.	1.1	30
33	In-vivo investigation of the human cingulum bundle using the optimization of MR diffusion spectrum imaging. European Journal of Radiology, 2010, 75, e29-e36.	1.2	30
34	Patterns of age-related water diffusion changes in human brain by concordance and discordance analysis. Neurobiology of Aging, 2010, 31, 1991-2001.	1.5	70
35	White matter integrity and cortical metabolic associations in aging and dementia. , 2010, 6, 54-62.		49
36	White matter damage in frontotemporal dementia and Alzheimer's disease measured by diffusion MRI. Brain, 2009, 132, 2579-2592.	3.7	318

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37	Characterization of white matter degeneration in elderly subjects by magnetic resonance diffusion and FLAIR imaging correlation. <i>NeuroImage</i> , 2009, 47, T58-T65.	2.1	26
38	Diffusion tensor imaging of cingulum fibers in mild cognitive impairment and Alzheimer disease. <i>Neurology</i> , 2007, 68, 13-19.	1.5	519