Zezhong Ye

List of Publications by Year
in descending order

11 papers	220 citations	1478505 6 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	410 citing authors

#	Article	IF	Citations
1	Distinctive Enhanced and Tunable Plasmon Resonant Absorption from Controllable Au@Cu‹sub›2‹/sub›O Nanoparticles: Experimental and Theoretical Modeling. Journal of Physical Chemistry C, 2012, 116, 4477-4483.	3.1	77
2	Deep learning with diffusion basis spectrum imaging for classification of multiple sclerosis lesions. Annals of Clinical and Translational Neurology, 2020, 7, 695-706.	3.7	32
3	Diffusion basis spectrum imaging provides insights into MS pathology. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	25
4	Diffusion Basis Spectrum and Diffusion Tensor Imaging Detect Hippocampal Inflammation and Dendritic Injury in a Virus-Induced Mouse Model of Epilepsy. Frontiers in Neuroscience, 2018, 12, 77.	2.8	23
5	Diffusion Histology Imaging Combining Diffusion Basis Spectrum Imaging (DBSI) and Machine Learning Improves Detection and Classification of Glioblastoma Pathology. Clinical Cancer Research, 2020, 26, 5388-5399.	7.0	18
6	The impact of edema and fiber crossing on diffusion MRI metrics assessed in an ex vivo nerve phantom: Multiâ€tensor model vs. diffusion orientation distribution function. NMR in Biomedicine, 2021, 34, e4414.	2.8	10
7	Diffusion histology imaging differentiates distinct pediatric brain tumor histology. Scientific Reports, 2021, 11, 4749.	3.3	9
8	Deep Learningâ€“based Detection of Intravenous Contrast Enhancement on CT Scans. Radiology: Artificial Intelligence, 2022, 4, .	5.8	9
9	Diffusion basis spectrum imaging measures anti-inflammatory and neuroprotective effects of fingolimod on murine optic neuritis. NeuroImage: Clinical, 2021, 31, 102732.	2.7	4
10	Editorial for â€œHistogram Analysis Comparison of Monoexponential, Advanced Diffusionâ€•Weighted Imaging, and Dynamic Contrastâ€Enhanced MRI for Differentiating Borderline From Malignant Epithelial Ovarian Tumorsâ€• Journal of Magnetic Resonance Imaging, 2020, 52, 269-270.	3.4	3
11	Editorial for â€œA Deep Learning Approach to Diagnostic Classification of Prostate Cancer Using Pathologyâ€Radiology Fusionâ€• Journal of Magnetic Resonance Imaging, 2021, 54, 472-473.	3.4	3