Chun-Hung Yeh

List of Publications by Year
in descending order

29 papers	**2,997** citations	566801 **15** h-index	552369 **26** g-index
33 all docs	**33** docs citations	**33** times ranked	**3889** citing authors

#	Article	IF	Citations
1	Quantitative mapping of the brain's structural connectivity using diffusion MRI tractography: A review. NeuroImage, 2022, 249, 118870.	2.1	95
2	White matter microstructural and morphometric alterations in autism: implications for intellectual capabilities. Molecular Autism, 2022, 13, 21.	2.6	5
3	Mapping Structural Connectivity Using Diffusion <scp>MRI</scp>: Challenges and Opportunities. Journal of Magnetic Resonance Imaging, 2021, 53, 1666-1682.	1.9	95
4	Longitudinal fixel-based analysis reveals restoration of white matter alterations following balance training in young brain-injured patients. NeuroImage: Clinical, 2021, 30, 102621.	1.4	12
5	Mapping Structural Connectivity Using Diffusion <scp>MRI</scp>: Challenges and Opportunities. Journal of Magnetic Resonance Imaging, 2021, 53, .	1.9	1
6	Editorial for "Gadolinium Clearance in the First 5‰Weeks After Repeated Intravenous Administration of Gadoteridol, Gadoterate Meglumine and Gadobutrol to rats" Journal of Magnetic Resonance Imaging, 2021, 54, 1645-1646.	1.9	1
7	Diffusion MRI tractography for neurosurgery: the basics, current state, technical reliability and challenges. Physics in Medicine and Biology, 2021, 66, 15TR01.	1.6	25
8	Structural Connectivity Remote From Lesions Correlates With Somatosensory Outcome Poststroke. Stroke, 2021, 52, 2910-2920.	1.0	9
9	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	2.1	94
10	Predicting Post-Stroke Somatosensory Function from Resting-State Functional Connectivity: A Feasibility Study. Brain Sciences, 2021, 11, 1388.	1.1	5
11	Robust Identification of Rich-Club Organization in Weighted and Dense Structural Connectomes. Brain Topography, 2019, 32, 1-16.	0.8	6
12	MRtrix3: A fast, flexible and open software framework for medical image processing and visualisation. NeuroImage, 2019, 202, 116137.	2.1	1,555
13	Connectomes from streamlines tractography: Assigning streamlines to brain parcellations is not trivial but highly consequential. NeuroImage, 2019, 199, 160-171.	2.1	31
14	A Novel Method for Extracting Hierarchical Functional Subnetworks Based on a Multisubject Spectral Clustering Approach. Brain Connectivity, 2019, 9, 399-414.	0.8	2
15	Is removal of weak connections necessary for graph-theoretical analysis of dense weighted structural connectomes from diffusion MRI?. NeuroImage, 2019, 194, 68-81.	2.1	64
16	Optic Radiation Tractography in Pediatric Brain Surgery Applications: A Reliability and Agreement Assessment of the Tractography Method. Frontiers in Neuroscience, 2019, 13, 1254.	1.4	9
17	Correction for diffusion MRI fibre tracking biases: The consequences for structural connectomic metrics. NeuroImage, 2016, 142, 150-162.	2.1	65
18	Estimation of fiber orientation by filtered q-ball imaging*. , 2013, 2013, 519-22.		0

#	Article	IF	Citations
19	Diffusion Microscopist Simulator: A General Monte Carlo Simulation System for Diffusion Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e76626.	1.1	46
20	The effect of finite diffusion gradient pulse duration on fibre orientation estimation in diffusion MRI. NeuroImage, 2010, 51, 743-751.	2.1	22
21	Diffusion orientation transform revisited. NeuroImage, 2010, 49, 1326-1339.	2.1	29
22	Probabilistic topography of human corpus callosum using cytoarchitectural parcellation and high angular resolution diffusion imaging tractography. Human Brain Mapping, 2009, 30, 3172-3187.	1.9	161
23	Potential in reducing scan times of HARDI by accurate correction of the cross€term in a hemispherical encoding scheme. Journal of Magnetic Resonance Imaging, 2009, 29, 1386-1394.	1.9	8
24	A multiple streamline approach to high angular resolution diffusion tractography. Medical Engineering and Physics, 2008, 30, 989-996.	0.8	23
25	Evaluation of the accuracy and angular resolution of q-ball imaging. NeuroImage, 2008, 42, 262-271.	2.1	41
26	Resolving crossing fibres using constrained spherical deconvolution: Validation using diffusion-weighted imaging phantom data. NeuroImage, 2008, 42, 617-625.	2.1	524
27	Reduced Encoding Diffusion Spectrum Imaging Implemented With a Bi-Gaussian Model. IEEE Transactions on Medical Imaging, 2008, 27, 1415-1424.	5.4	16
28	Probabilistic Anatomical Connection Derived from QBI with MFACT Approach. , 2007, , .		4
29	The Development of Brain Connectivity Browser by Tractography of QBI. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2094-7.	0.5	1