Frank Q Ye

List of Publications by Year
in descending order

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17 papers	2,570 citations	687363 13 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	3597 citing authors

#	Article	IF	Citations
1	Ultrahigh-resolution MRI Reveals Extensive Cortical Demyelination in a Nonhuman Primate Model of Multiple Sclerosis. Cerebral Cortex, 2021, 31, 439-447.	2.9	7
2	Sensitive detection of extremely small iron oxide nanoparticles in living mice using MP2RAGE with advanced image co-registration. Scientific Reports, 2021, 11, 106.	3.3	8
3	Visualization of iron-rich subcortical structures in non-human primates in vivo by quantitative susceptibility mapping at 3T MRI. NeuroImage, 2021, 241, 118429.	4.2	7
4	High-resolution mapping and digital atlas of subcortical regions in the macaque monkey based on matched MAP-MRI and histology. NeuroImage, 2021, 245, 118759.	4.2	30
5	A resource for the detailed 3D mapping of white matter pathways in the marmoset brain. Nature Neuroscience, 2020, 23, 271-280.	14.8	77
6	Spatial organization of occipital white matter tracts in the common marmoset. Brain Structure and Function, 2020, 225, 1313-1326.	2.3	14
7	Anatomical and functional investigation of the marmoset default mode network. Nature Communications, 2019, 10, 1975.	12.8	82
8	The Basal Forebrain Regulates Global Resting-State fMRI Fluctuations. Neuron, 2018, 97, 940-952.e4.	8.1	181
9	Subcortical evidence for a contribution of arousal to fMRI studies of brain activity. Nature Communications, 2018, 9, 395.	12.8	174
10	A population MRI brain template and analysis tools for the macaque. NeuroImage, 2018, 170, 121-131.	4.2	165
11	A digital 3D atlas of the marmoset brain based on multi-modal MRI. NeuroImage, 2018, 169, 106-116.	4.2	127
12	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	8.1	190
13	Three-Dimensional Digital Template Atlas of the Macaque Brain. Cerebral Cortex, 2017, 27, 4463-4477.	2.9	145
14	Occipital White Matter Tracts in Human and Macaque. Cerebral Cortex, 2017, 27, 3346-3359.	2.9	73
15	Tracking brain arousal fluctuations with fMRI. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4518-4523.	7.1	269
16	Superficial white matter fiber systems impede detection of long-range cortical connections in diffusion MR tractography. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2820-8.	7.1	364
17	Anatomical accuracy of brain connections derived from diffusion MRI tractography is inherently limited. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16574-16579.	7.1	657