

Matthew M Cheung

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,309
citations

623734

14
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of diffusion time on liver DWI: An experimental study of normal and fibrotic livers. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1389-1396.	3.0	12
2	Functional magnetic resonance imaging of sound pressure level encoding in the rat central auditory system. <i>NeuroImage</i> , 2013, 65, 119-126.	4.2	21
3	Bilateral substantia nigra and pyramidal tract changes following experimental intracerebral hemorrhage: an MR diffusion tensor imaging study. <i>NMR in Biomedicine</i> , 2013, 26, 1089-1095.	2.8	15
4	Noninvasive fMRI Investigation of Interaural Level Difference Processing in the Rat Auditory Subcortex. <i>PLoS ONE</i> , 2013, 8, e70706.	2.5	17
5	Balanced steady-state free precession fMRI with intravascular susceptibility contrast agent. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 65-73.	3.0	25
6	Diffusion imaging with balanced steady state free precession. , 2012, 2012, 90-3.		3
7	BOLD fMRI investigation of the rat auditory pathway and tonotopic organization. <i>NeuroImage</i> , 2012, 60, 1205-1211.	4.2	43
8	High fidelity tonotopic mapping using swept source functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 61, 978-986.	4.2	26
9	BOLD responses in the superior colliculus and lateral geniculate nucleus of the rat viewing an apparent motion stimulus. <i>NeuroImage</i> , 2011, 58, 878-884.	4.2	35
10	In vivo retinotopic mapping of superior colliculus using manganese-enhanced magnetic resonance imaging. <i>NeuroImage</i> , 2011, 54, 389-395.	4.2	56
11	BOLD Temporal Dynamics of Rat Superior Colliculus and Lateral Geniculate Nucleus following Short Duration Visual Stimulation. <i>PLoS ONE</i> , 2011, 6, e18914.	2.5	34
12	MR diffusion kurtosis imaging for neural tissue characterization. <i>NMR in Biomedicine</i> , 2010, 23, 836-848.	2.8	278
13	IN VIVO MULTIPARAMETRIC MAGNETIC RESONANCE IMAGING AND SPECTROSCOPY OF RODENT VISUAL SYSTEM. <i>Journal of Integrative Neuroscience</i> , 2010, 09, 477-508.	1.7	13
14	In vivo MRI study of the visual system in normal, developing and injured rodent brains. , 2010, 2010, 5689-92.		2
15	B-value dependence of DTI quantitation and sensitivity in detecting neural tissue changes. <i>NeuroImage</i> , 2010, 49, 2366-2374.	4.2	107
16	Functional MRI of postnatal visual development in normal and hypoxic-ischemic-injured superior colliculi. <i>NeuroImage</i> , 2010, 49, 2013-2020.	4.2	47
17	In vivo diffusion tensor imaging of chronic spinal cord compression in rat model. , 2009, 2009, 2715-8.		16
18	MRI of late microstructural and metabolic alterations in radiation-induced brain injuries. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1013-1020.	3.4	82

#	ARTICLE	IF	CITATIONS
19	Does diffusion kurtosis imaging lead to better neural tissue characterization? A rodent brain maturation study. <i>NeuroImage</i> , 2009, 45, 386-392.	4.2	241
20	Towards better MR characterization of neural tissues using directional diffusion kurtosis analysis. <i>NeuroImage</i> , 2008, 42, 122-134.	4.2	236