

Chih-Liang Chin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

704
citations

16
h-index

17
g-index

17
ext. papers

748
ext. citations

4.1
avg, IF

2.85
L-index

#	Paper	IF	Citations
17	MRI diffusion coefficients in spinal cord correlate with axon morphometry. <i>NeuroReport</i> , 2005 , 16, 73-6	1.7	122
16	Biexponential diffusion attenuation in the rat spinal cord: computer simulations based on anatomic images of axonal architecture. <i>Magnetic Resonance in Medicine</i> , 2002 , 47, 455-60	4.4	83
15	Awake rat pharmacological magnetic resonance imaging as a translational pharmacodynamic biomarker: metabotropic glutamate 2/3 agonist modulation of ketamine-induced blood oxygenation level dependence signals. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 700-15	4.7	55
14	Apparent diffusion coefficients in spinal cord transplants and surrounding white matter correlate with degree of axonal dieback after injury in rats. <i>American Journal of Neuroradiology</i> , 2005 , 26, 7-18	4.4	55
13	Ex vivo evaluation of ADC values within spinal cord white matter tracts. <i>American Journal of Neuroradiology</i> , 2005 , 26, 390-7	4.4	48
12	Potential of analgesic efficacy but not side effects: co-administration of an $\alpha 4 \beta 2$ neuronal nicotinic acetylcholine receptor agonist and its positive allosteric modulator in experimental models of pain in rats. <i>Biochemical Pharmacology</i> , 2011 , 82, 967-76	6	45
11	BirdcageBuilder: Design of Specified-Geometry Birdcage Coils with Desired Current Pattern and Resonant Frequency. <i>Concepts in Magnetic Resonance</i> , 2002 , 15, 156-163		43
10	Assessment of axonal fiber tract architecture in excised rat spinal cord by localized NMR q-space imaging: simulations and experimental studies. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 733-40	4.4	42
9	Pharmacological MRI in awake rats reveals neural activity in area postrema and nucleus tractus solitarius: relevance as a potential biomarker for detecting drug-induced emesis. <i>NeuroImage</i> , 2006 , 33, 1152-60	7.9	35
8	Structural abnormalities revealed by magnetic resonance imaging in rats prenatally exposed to methylazoxymethanol acetate parallel cerebral pathology in schizophrenia. <i>Synapse</i> , 2011 , 65, 393-403	2.4	31
7	A method to create an optimum current distribution and homogeneous B1 field for elliptical birdcage coils. <i>Magnetic Resonance in Medicine</i> , 1997 , 37, 600-8	4.4	28
6	Paradigm shift in translational neuroimaging of CNS disorders. <i>Biochemical Pharmacology</i> , 2011 , 81, 1374-87		24
5	Diffusion-weighted imaging of the spinal cord. <i>Neuroimaging Clinics of North America</i> , 2002 , 12, 125-46	3	23
4	Pharmacological MRI in awake rats predicts selective binding of $\alpha 4 \beta 2$ nicotinic receptors. <i>Synapse</i> , 2008 , 62, 159-68	2.4	20
3	Translational neuroimaging of the CNS: novel pathways to drug development. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2009 , 9, 302-13		18
2	Xanomeline modulation of the blood oxygenation level-dependent signal in awake rats: development of pharmacological magnetic resonance imaging as a translatable pharmacodynamic biomarker for central activity and dose selection. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 263-73	4.7	16
1	Isolating quantum coherences in structural imaging using intermolecular double-quantum coherence MRI. <i>Journal of Magnetic Resonance</i> , 2003 , 165, 309-14	3	16

