

Jinhu Xiong

List of Publications by Year in descending order

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43
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3,943
citations

201674

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docs citations

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times ranked

4400
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebellum Implicated in Sensory Acquisition and Discrimination Rather Than Motor Control. <i>Science</i> , 1996, 272, 545-547.	12.6	650
2	Clustered pixels analysis for functional MRI activation studies of the human brain. <i>Human Brain Mapping</i> , 1995, 3, 287-301.	3.6	333
3	Neural systems of second language reading are shaped by native language. <i>Human Brain Mapping</i> , 2003, 18, 158-166.	3.6	317
4	Interregional connectivity to primary motor cortex revealed using MRI resting state images. <i>Human Brain Mapping</i> , 1999, 8, 151-156.	3.6	302
5	Brain activation in the processing of Chinese characters and words: A functional MRI study. <i>Human Brain Mapping</i> , 2000, 10, 16-27.	3.6	248
6	Neuroimaging of Inhibitory Control Areas in Children With Attention Deficit Hyperactivity Disorder Who Were Treatment Naive or in Long-Term Treatment. <i>American Journal of Psychiatry</i> , 2006, 163, 1052-1060.	7.2	215
7	The power of spectral density analysis for mapping endogenous BOLD signal fluctuations. <i>Human Brain Mapping</i> , 2008, 29, 778-790.	3.6	139
8	Changes occur in resting state network of motor system during 4weeks of motor skill learning. <i>NeuroImage</i> , 2011, 58, 226-233.	4.2	134
9	Changes in regional activity are accompanied with changes in inter-regional connectivity during 4weeks motor learning. <i>Brain Research</i> , 2010, 1318, 64-76.	2.2	130
10	Directly mapping magnetic field effects of neuronal activity by magnetic resonance imaging. <i>Human Brain Mapping</i> , 2003, 20, 41-49.	3.6	119
11	Lateral cerebellar hemispheres actively support sensory acquisition and discrimination rather than motor control.. <i>Learning and Memory</i> , 1997, 4, 49-62.	1.3	99
12	Location-Probability Profiles for the Mouth Region of Human Primary Motorâ€“Sensory Cortex: Model and Validation. <i>NeuroImage</i> , 2001, 13, 196-209.	4.2	99
13	Detecting functional connectivity in the resting brain: a comparison between ICA and CCA. <i>Magnetic Resonance Imaging</i> , 2007, 25, 47-56.	1.8	90
14	Assessment and optimization of functional MRI analyses. , 1996, 4, 153-167.		89
15	Intersubject Variability in Cortical Activations during a Complex Language Task. <i>NeuroImage</i> , 2000, 12, 326-339.	4.2	89
16	Long-term motor training induced changes in regional cerebral blood flow in both task and resting states. <i>NeuroImage</i> , 2009, 45, 75-82.	4.2	89
17	Brain Correlates of Stuttering and Syllable Production. <i>Journal of Speech, Language, and Hearing Research</i> , 2004, 47, 321-341.	1.6	84
18	Quantitative assessment of blood inflow effects in functional MRI signals. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 314-319.	3.0	80

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19	Evaluation of hemispheric dominance for language using functional MRI: A comparison with positron emission tomography. <i>Human Brain Mapping</i> , 1998, 6, 42-58.	3.6	67
20	The human red nucleus and lateral cerebellum in supporting roles for sensory information processing. <i>Human Brain Mapping</i> , 2000, 10, 147-159.	3.6	62
21	Neural differences between intrinsic reasons for doing versus extrinsic reasons for doing: An fMRI study. <i>Neuroscience Research</i> , 2012, 73, 68-72.	1.9	52
22	Improving the temporal resolution of functional MR imaging using keyhole techniques. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 854-860.	3.0	47
23	The pharmacokinetics of hyperpolarized xenon: Implications for cerebral MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 848-854.	3.4	46
24	Cerebral hemodynamic response in Chinese (first) and English (second) language processing revealed by event-related functional MRI. <i>Magnetic Resonance Imaging</i> , 2001, 19, 643-647.	1.8	46
25	Direct MRI detection of neuronal magnetic fields in the brain: Theoretical modeling. <i>NeuroImage</i> , 2006, 31, 550-559.	4.2	35
26	Complex spatio-temporal dynamics of fMRI BOLD: A study of motor learning. <i>NeuroImage</i> , 2007, 34, 156-168.	4.2	35
27	Magnetization and diffusion effects in NMR imaging of hyperpolarized substances. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 153-158.	3.0	32
28	Direct MRI mapping of neuronal activity evoked by electrical stimulation of the median nerve at the right wrist. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 1073-1082.	3.0	30
29	Functional volumes modeling: Theory and preliminary assessment. , 1997, 5, 306-311.		29
30	Imaging Features of Nonmalignant and Malignant Architectural Distortion Detected by Tomosynthesis. <i>American Journal of Roentgenology</i> , 2018, 211, 1397-1404.	2.2	27
31	Fast spin-echo characteristics of visual stimulation-induced signal changes in the human brain. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 709-714.	3.4	26
32	Presurgical lateralization of seizure focus and language dominant hemisphere with O-15 water PET imaging. <i>Acta Neurologica Scandinavica</i> , 2000, 102, 73-80.	2.1	24
33	Comparison of TCA and ICA techniques in fMRI data processing. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 397-402.	3.4	23
34	The effects of K-space data undersampling and discontinuities in keyhole functional MRI. <i>Magnetic Resonance Imaging</i> , 1999, 17, 109-119.	1.8	15
35	Application of mean-shift clustering to Blood oxygen level dependent functional MRI activation detection. <i>BMC Medical Imaging</i> , 2014, 14, 6.	2.7	12
36	Temporal-spatial mean-shift clustering analysis to improve functional MRI activation detection. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1283-1291.	1.8	9

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37	A high performance 3D cluster-based test of unsmoothed fMRI data. NeuroImage, 2014, 98, 537-546.	4.2	5
38	Detection and Clinical Significance of Sternal Lesions on Breast MRI. Breast Journal, 2015, 21, 395-402.	1.0	5
39	Comparison between spatial and temporal independent component analysis for blind source separation in fMRI data. , 2011, , .		4
40	Language Mapping in Pretreatment Planning of Patients with Cerebral Arteriovenous Malformation. Clinical Nuclear Medicine, 2000, 25, 591-595.	1.3	3
41	Interregional connectivity to primary motor cortex revealed using MRI resting state images. , 1999, 8, 151.		2
42	Functional MRI detection of hemodynamic response of repeated median nerve stimulation. Magnetic Resonance Imaging, 2013, 31, 550-554.	1.8	1
43	Investigating Brain Dynamics and Connectivity with Functional MRI. , 0, , .		0