

# Jinhu Xiong

## List of Publications by Year in descending order

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43  
papers

3,943  
citations

218381

26  
h-index

344852

36  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Features of Nonmalignant and Malignant Architectural Distortion Detected by Tomosynthesis. American Journal of Roentgenology, 2018, 211, 1397-1404.	1.0	27
2	Temporal-spatial mean-shift clustering analysis to improve functional MRI activation detection. Magnetic Resonance Imaging, 2016, 34, 1283-1291.	1.0	9
3	Detection and Clinical Significance of Sternal Lesions on Breast MRI. Breast Journal, 2015, 21, 395-402.	0.4	5
4	Application of mean-shift clustering to Blood oxygen level dependent functional MRI activation detection. BMC Medical Imaging, 2014, 14, 6.	1.4	12
5	A high performance 3D cluster-based test of unsmoothed fMRI data. NeuroImage, 2014, 98, 537-546.	2.1	5
6	Functional MRI detection of hemodynamic response of repeated median nerve stimulation. Magnetic Resonance Imaging, 2013, 31, 550-554.	1.0	1
7	Neural differences between intrinsic reasons for doing versus extrinsic reasons for doing: An fMRI study. Neuroscience Research, 2012, 73, 68-72.	1.0	52
8	Comparison between spatial and temporal independent component analysis for blind source separation in fMRI data. , 2011, , .		4
9	Changes occur in resting state network of motor system during 4weeks of motor skill learning. NeuroImage, 2011, 58, 226-233.	2.1	134
10	Changes in regional activity are accompanied with changes in inter-regional connectivity during 4weeks motor learning. Brain Research, 2010, 1318, 64-76.	1.1	130
11	Direct MRI mapping of neuronal activity evoked by electrical stimulation of the median nerve at the right wrist. Magnetic Resonance in Medicine, 2009, 61, 1073-1082.	1.9	30
12	Long-term motor training induced changes in regional cerebral blood flow in both task and resting states. NeuroImage, 2009, 45, 75-82.	2.1	89
13	The power of spectral density analysis for mapping endogenous BOLD signal fluctuations. Human Brain Mapping, 2008, 29, 778-790.	1.9	139
14	Complex spatio-temporal dynamics of fMRI BOLD: A study of motor learning. NeuroImage, 2007, 34, 156-168.	2.1	35
15	Detecting functional connectivity in the resting brain: a comparison between ICA and CCA. Magnetic Resonance Imaging, 2007, 25, 47-56.	1.0	90
16	Direct MRI detection of neuronal magnetic fields in the brain: Theoretical modeling. NeuroImage, 2006, 31, 550-559.	2.1	35
17	Neuroimaging of Inhibitory Control Areas in Children With Attention Deficit Hyperactivity Disorder Who Were Treatment Naive or in Long-Term Treatment. American Journal of Psychiatry, 2006, 163, 1052-1060.	4.0	215
18	Brain Correlates of Stuttering and Syllable Production. Journal of Speech, Language, and Hearing Research, 2004, 47, 321-341.	0.7	84

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19	Comparison of TCA and ICA techniques in fMRI data processing. Journal of Magnetic Resonance Imaging, 2004, 19, 397-402.	1.9	23
20	Neural systems of second language reading are shaped by native language. Human Brain Mapping, 2003, 18, 158-166.	1.9	317
21	Directly mapping magnetic field effects of neuronal activity by magnetic resonance imaging. Human Brain Mapping, 2003, 20, 41-49.	1.9	119
22	Location-Probability Profiles for the Mouth Region of Human Primary Motorâ€“Sensory Cortex: Model and Validation. NeuroImage, 2001, 13, 196-209.	2.1	99
23	Cerebral hemodynamic response in Chinese (first) and English (second) language processing revealed by event-related functional MRI. Magnetic Resonance Imaging, 2001, 19, 643-647.	1.0	46
24	Brain activation in the processing of Chinese characters and words: A functional MRI study. Human Brain Mapping, 2000, 10, 16-27.	1.9	248
25	The human red nucleus and lateral cerebellum in supporting roles for sensory information processing. Human Brain Mapping, 2000, 10, 147-159.	1.9	62
26	Presurgical lateralization of seizure focus and language dominant hemisphere with O-15 water PET imaging. Acta Neurologica Scandinavica, 2000, 102, 73-80.	1.0	24
27	Intersubject Variability in Cortical Activations during a Complex Language Task. NeuroImage, 2000, 12, 326-339.	2.1	89
28	Language Mapping in Pretreatment Planning of Patients with Cerebral Arteriovenous Malformation. Clinical Nuclear Medicine, 2000, 25, 591-595.	0.7	3
29	The effects of K-space data undersampling and discontinuities in keyhole functional MRI. Magnetic Resonance Imaging, 1999, 17, 109-119.	1.0	15
30	Interregional connectivity to primary motor cortex revealed using MRI resting state images. , 1999, 8, 151-156.		302
31	Interregional connectivity to primary motor cortex revealed using MRI resting state images. , 1999, 8, 151.		2
32	Evaluation of hemispheric dominance for language using functional MRI: A comparison with positron emission tomography. , 1998, 6, 42-58.		67
33	Lateral cerebellar hemispheres actively support sensory acquisition and discrimination rather than motor control.. Learning and Memory, 1997, 4, 49-62.	0.5	99
34	The pharmacokinetics of hyperpolarized xenon: Implications for cerebral MRI. Journal of Magnetic Resonance Imaging, 1997, 7, 848-854.	1.9	46
35	Magnetization and diffusion effects in NMR imaging of hyperpolarized substances. Magnetic Resonance in Medicine, 1997, 37, 153-158.	1.9	32
36	Functional volumes modeling: Theory and preliminary assessment. , 1997, 5, 306-311.		29

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37	Cerebellum Implicated in Sensory Acquisition and Discrimination Rather Than Motor Control. Science, 1996, 272, 545-547.	6.0	650
38	Improving the temporal resolution of functional MR imaging using keyhole techniques. Magnetic Resonance in Medicine, 1996, 35, 854-860.	1.9	47
39	Quantitative assessment of blood inflow effects in functional MRI signals. Magnetic Resonance in Medicine, 1996, 36, 314-319.	1.9	80
40	Assessment and optimization of functional MRI analyses. , 1996, 4, 153-167.		89
41	Fast spin-echo characteristics of visual stimulation-induced signal changes in the human brain. Journal of Magnetic Resonance Imaging, 1995, 5, 709-714.	1.9	26
42	Clustered pixels analysis for functional MRI activation studies of the human brain. Human Brain Mapping, 1995, 3, 287-301.	1.9	333
43	Investigating Brain Dynamics and Connectivity with Functional MRI. , 0, , .		0