

# Changwei W Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,202  
citations

516215

16  
h-index

414034

32  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2085  
citing authors

#	ARTICLE	IF	CITATIONS
1	Static and dynamic characteristics of cerebral blood flow during the resting state. <i>NeuroImage</i> , 2009, 48, 515-524.	2.1	175
2	Frequency specificity of functional connectivity in brain networks. <i>NeuroImage</i> , 2008, 42, 1047-1055.	2.1	141
3	Empirical Evaluations of Slice-Timing, Smoothing, and Normalization Effects in Seed-Based, Resting-State Functional Magnetic Resonance Imaging Analyses. <i>Brain Connectivity</i> , 2011, 1, 401-410.	0.8	73
4	Mapping functional connectivity based on synchronized CMRO2 fluctuations during the resting state. <i>NeuroImage</i> , 2009, 45, 694-701.	2.1	62
5	Ageing Effects on the Activation of the Auditory Cortex during Binaural Speech Listening in White Noise: An fMRI Study. <i>Audiology and Neuro-Otology</i> , 2007, 12, 285-294.	0.6	49
6	Impaired Small-World Network Efficiency and Dynamic Functional Distribution in Patients with Cirrhosis. <i>PLoS ONE</i> , 2012, 7, e35266.	1.1	43
7	Dissociated roles of the middle frontal gyri in the processing of Chinese characters. <i>NeuroReport</i> , 2006, 17, 1397-1401.	0.6	42
8	Mindfulness Improves Emotion Regulation and Executive Control on Bereaved Individuals: An fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 541.	1.0	39
9	Variations in Connectivity in the Sensorimotor and Default-Mode Networks During the First Nocturnal Sleep Cycle. <i>Brain Connectivity</i> , 2012, 2, 177-190.	0.8	38
10	Local awakening: Regional reorganizations of brain oscillations after sleep. <i>NeuroImage</i> , 2014, 102, 894-903.	2.1	33
11	The neurophysiological basis of the discrepancy between objective and subjective sleep during the sleep onset period: an EEG-fMRI study. <i>Sleep</i> , 2018, 41, .	0.6	33
12	Connectivity of Default-Mode Network Is Associated with Cerebral Edema in Hepatic Encephalopathy. <i>PLoS ONE</i> , 2012, 7, e36986.	1.1	28
13	Brain activation in patients with idiopathic hyperacusis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2009, 30, 432-434.	0.6	26
14	Mindfulness-based cognitive therapy on bereavement grief: Alterations of resting-state network connectivity associate with changes of anxiety and mindfulness. <i>Human Brain Mapping</i> , 2021, 42, 510-520.	1.9	22
15	Effects of CBV, CBF, and blood-brain barrier permeability on accuracy of PASL and VASO measurement. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 601-608.	1.9	21
16	The correlation of asymmetrical functional connectivity with cognition and reperfusion in carotid stenosis patients. <i>NeuroImage: Clinical</i> , 2018, 20, 476-484.	1.4	21
17	Instability of brain connectivity during nonrapid eye movement sleep reflects altered properties of information integration. <i>Human Brain Mapping</i> , 2019, 40, 3192-3202.	1.9	20
18	Resting-State Functional Magnetic Resonance Imaging Analysis with Seed Definition Constrained by Regional Homogeneity. <i>Brain Connectivity</i> , 2013, 3, 438-449.	0.8	19

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19	Large-Scale Functional Brain Network Reorganization During Taoist Meditation. <i>Brain Connectivity</i> , 2016, 6, 9-24.	0.8	19
20	Culture-Related and Individual Differences in Regional Brain Volumes: A Cross-Cultural Voxel-Based Morphometry Study. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 313.	1.0	18
21	Sleep deprivation reduces the recovery of muscle injury induced by high-intensity exercise in a mouse model. <i>Life Sciences</i> , 2019, 235, 116835.	2.0	18
22	Synchrony Between Default-Mode and Sensorimotor Networks Facilitates Motor Function in Stroke Rehabilitation: A Pilot fMRI Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 548.	1.4	17
23	Quantitative Evaluation of Rabbit Brain Injury after Cerebral Hemisphere Radiation Exposure Using Generalized q-Sampling Imaging. <i>PLoS ONE</i> , 2015, 10, e0133001.	1.1	16
24	Vascular space occupancy-dependent functional MRI by tissue suppression. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 219-226.	1.9	15
25	The effects of masking on the activation of auditory-associated cortex during speech listening in white noise. <i>Acta Oto-Laryngologica</i> , 2006, 126, 916-920.	0.3	14
26	Effect of Age on Working Memory Performance and Cerebral Activation after Mild Traumatic Brain Injury: A Functional MR Imaging Study. <i>Radiology</i> , 2016, 278, 854-862.	3.6	14
27	Changes in activation of the auditory cortex following long-term amplification: an fMRI study. <i>Acta Oto-Laryngologica</i> , 2006, 126, 1275-1280.	0.3	13
28	TE-dependent spatial and spectral specificity of functional connectivity. <i>NeuroImage</i> , 2012, 59, 3075-3084.	2.1	13
29	Cortical and Subcortical Neural Correlates for Respiratory Sensation in Response to Transient Inspiratory Occlusions in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1804.	1.3	12
30	The Neurobiological Basis of Love: A Meta-Analysis of Human Functional Neuroimaging Studies of Maternal and Passionate Love. <i>Brain Sciences</i> , 2022, 12, 830.	1.1	12
31	IClinfMRI Software for Integrating Functional MRI Techniques in Presurgical Mapping and Clinical Studies. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 11.	1.3	11
32	Hemispheric Difference in Activation Patterns of Human Auditory-Associated Cortex: An fMRI Study. <i>Orl</i> , 2005, 67, 242-246.	0.6	10
33	Indication of dynamic neurovascular coupling from inconsistency between EEG and fMRI indices across sleep-wake states. <i>Sleep and Biological Rhythms</i> , 2019, 17, 423-431.	0.5	10
34	The effect of anxiety on brain activation patterns in response to inspiratory occlusions: an fMRI study. <i>Scientific Reports</i> , 2019, 9, 15045.	1.6	10
35	Cognitive Load of Exercise Influences Cognition and Neuroplasticity of Healthy Elderly: An Exploratory Investigation. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 391-399.	1.0	9
36	APOE- $\epsilon$ 4 Allele Altered the Rest-Stimulus Interactions in Healthy Middle-Aged Adults. <i>PLoS ONE</i> , 2015, 10, e0128442.	1.1	9

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37	Mindfulness Training Associated With Resting-State Electroencephalograms Dynamics in Novice Practitioners via Mindful Breathing and Body-Scan. <i>Frontiers in Psychology</i> , 2021, 12, 748584.	1.1	9
38	Inflow effects on hemodynamic responses characterized by event-related using gradient-echo EPI sequences. <i>Medical Physics</i> , 2008, 35, 4300-4307.	1.6	8
39	Sensitivity enhancement of task-evoked fMRI using ensemble empirical mode decomposition. <i>Journal of Neuroscience Methods</i> , 2016, 258, 56-66.	1.3	7
40	Presurgical resting-state functional MRI language mapping with seed selection guided by regional homogeneity. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 375-383.	1.9	7
41	Modeling dynamic cerebral blood volume changes during brain activation on the basis of the blood-nulled functional MRI signal. <i>NMR in Biomedicine</i> , 2007, 20, 643-651.	1.6	6
42	Dissociated resting-state functional networks between the dream recall frequency and REM sleep percentage. <i>NeuroImage</i> , 2018, 174, 248-256.	2.1	6
43	Greater white matter hyperintensities and the association with executive function in suicide attempters with late-life depression. <i>Neurobiology of Aging</i> , 2021, 103, 60-67.	1.5	6
44	Physiological Contribution in Spontaneous Oscillations: An Approximate Quality-Assurance Index for Resting-State fMRI Signals. <i>PLoS ONE</i> , 2016, 11, e0148393.	1.1	6
45	Development of NTU standard Chinese brain template: Morphologic and functional comparison with MNI template using magnetic resonance imaging. , 2009, 2009, 4779-82.		4
46	Changes of Brain Functional Connectivity in End-Stage Renal Disease Patients Receiving Peritoneal Dialysis Without Cognitive Decline. <i>Frontiers in Medicine</i> , 2021, 8, 734410.	1.2	4
47	Variations in BOLD response latency estimated from event-related fMRI at 3T: Comparisons between gradient-echo and Spin-echo. <i>International Journal of Imaging Systems and Technology</i> , 2013, 23, 215-221.	2.7	3
48	Neural substrates of respiratory sensory gating: A human fMRI study. <i>Biological Psychology</i> , 2022, 169, 108277.	1.1	3
49	Think Hard or Think Smart: Network Reconfigurations After Divergent Thinking Associate With Creativity Performance. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 571118.	1.0	2
50	Fundamental Concerns for Detecting Synchronized Brain Networks Using Resting-State Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience and Neuroengineering</i> , 2012, 1, 193-203.	0.2	2
51	Localizing Spectral Interactions in the Resting State Network Using the Hilbert-Huang Transform. <i>Brain Sciences</i> , 2022, 12, 140.	1.1	2
52	Spontaneous thought-related network connectivity predicts sertraline effect on major depressive disorder. <i>Brain Imaging and Behavior</i> , 2020, 15, 1705-1717.	1.1	1
53	Comparing The Spatial and Temporal Reproducibility of Brain Activation Using Three fMRI Techniques: BOLD, FAIR, and VASO. , 2007, , .		0
54	Brain activation in patients with congenital bilateral hearing impairment. <i>NeuroReport</i> , 2007, 18, 1483-1486.	0.6	0

#	ARTICLE	IF	CITATIONS
55	348 - Increased White Matter Hyperintensity and Brain Resting-state fMRI Topology Changes in Suicide Attempters of Late-life Depression. <i>International Psychogeriatrics</i> , 2020, 32, 111-112.	0.6	0