

# Ho-Ling Liu

## List of Publications by Year in descending order

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63  
papers

907  
citations

567281

15  
h-index

552781

26  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfusion-weighted imaging of interictal hypoperfusion in temporal lobe epilepsy using FAIR-HASTE: Comparison with H215O PET measurements. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 431-435.	3.0	65
2	Neuroplastic changes in resting-state functional connectivity after stroke rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 546.	2.0	61
3	Nasal administration of mesenchymal stem cells restores cisplatin-induced cognitive impairment and brain damage in mice. <i>Oncotarget</i> , 2018, 9, 35581-35597.	1.8	55
4	Detectability of blood oxygenation level-dependent signal changes during short breath hold duration. <i>Magnetic Resonance Imaging</i> , 2002, 20, 643-648.	1.8	51
5	Accuracy of Presurgical Functional MR Imaging for Language Mapping of Brain Tumors: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2018, 286, 512-523.	7.3	46
6	Graph theoretical analysis of functional networks and its relationship to cognitive decline in patients with carotid stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 808-818.	4.3	44
7	Increased brain entropy of resting-state fMRI mediates the relationship between depression severity and mental health-related quality of life in late-life depressed elderly. <i>Journal of Affective Disorders</i> , 2019, 250, 270-277.	4.1	44
8	Changes in structural integrity are correlated with motor and functional recovery after post-stroke rehabilitation. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 835-844.	0.7	31
9	Is Weisskoff model valid for the correction of contrast agent extravasation with combined and effects in dynamic susceptibility contrast MRI?. <i>Medical Physics</i> , 2011, 38, 802-809.	3.0	28
10	Activation of NPFFR2 leads to hyperalgesia through the spinal inflammatory mediator CGRP in mice. <i>Experimental Neurology</i> , 2017, 291, 62-73.	4.1	24
11	Correlation between temporal response of fMRI and fast reaction time in a language task. <i>Magnetic Resonance Imaging</i> , 2004, 22, 451-455.	1.8	23
12	The relationships between brain structural changes and perceived loneliness in older adults suffering from late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 606-612.	2.7	21
13	Cognitive reserve-mediated neural modulation of emotional control and regulation in people with late-life depression. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 849-860.	3.0	21
14	Arterial spin-labeling perfusion imaging of children with subdural hemorrhage: Perfusion abnormalities in abusive head trauma. <i>Journal of Neuroradiology</i> , 2017, 44, 281-287.	1.1	20
15	Resting-State Functional Magnetic Resonance Imaging Analysis with Seed Definition Constrained by Regional Homogeneity. <i>Brain Connectivity</i> , 2013, 3, 438-449.	1.7	19
16	Measurement of CT radiation profile width using CR imaging plates. <i>Medical Physics</i> , 2005, 32, 2881-2887.	3.0	16
17	Cognitive Reserve Moderates Effects of White Matter Hyperintensity on Depressive Symptoms and Cognitive Function in Late-Life Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 249.	2.6	16
18	Arterial spin-labeling perfusion imaging of childhood encephalitis: correlation with seizure and clinical outcome. <i>Neuroradiology</i> , 2018, 60, 961-970.	2.2	15

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19	Comparison of navigator echo and centroid corrections of image displacement induced by static magnetic field drift on echo planar functional MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 308-312.	3.4	13
20	Characteristic patterns of inter- and intra-hemispheric metabolic connectivity in patients with stable and progressive mild cognitive impairment and Alzheimer's disease. <i>Scientific Reports</i> , 2018, 8, 13807.	3.3	13
21	Dynamic contrast-enhanced MRI of orbital and anterior visual pathway lesions. <i>Magnetic Resonance Imaging</i> , 2018, 51, 44-50.	1.8	12
22	Synthetic generation of DSC-MRI-derived relative CBV maps from DCE MRI of brain tumors. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 469-479.	3.0	12
23	The Protective Effect of Human Umbilical Cord Blood CD34+ Cells and Estradiol against Focal Cerebral Ischemia in Female Ovariectomized Rat: Cerebral MR Imaging and Immunohistochemical Study. <i>PLoS ONE</i> , 2016, 11, e0147133.	2.5	12
24	Meta-analytic evidence for the cognitive control model of loneliness in emotion processing. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104686.	6.1	12
25	A B0 shift correction method based on edge RMS reduction for EPI fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 956-959.	3.4	11
26	IClinfMRI Software for Integrating Functional MRI Techniques in Presurgical Mapping and Clinical Studies. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 11.	2.5	11
27	(TS)2WM: Tumor Segmentation and Tract Statistics for Assessing White Matter Integrity with Applications to Glioblastoma Patients. <i>NeuroImage</i> , 2020, 223, 117368.	4.2	11
28	The role of resting-state functional MRI for clinical preoperative language mapping. <i>Cancer Imaging</i> , 2020, 20, 47.	2.8	11
29	Comparison of the experimental BOLD signal change in event-related fMRI with the balloon model. <i>NMR in Biomedicine</i> , 2001, 14, 397-401.	2.8	10
30	Neural correlates of motor recovery after robot-assisted stroke rehabilitation: a case series study. <i>Neurocase</i> , 2016, 22, 416-425.	0.6	10
31	How Do Acquired Political Identities Influence Our Neural Processing toward Others within the Context of a Trust Game?. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 23.	2.0	10
32	Alterations in Functional Connectomics Associated With Neurocognitive Changes Following Glioma Resection. <i>Neurosurgery</i> , 2021, 88, 544-551.	1.1	10
33	Prognostic Role of Conventional and Dynamic Contrast-Enhanced MRI in Optic Pathway Gliomas. <i>Journal of Neuroimaging</i> , 2017, 27, 594-601.	2.0	9
34	Arterial spin-labeling magnetic resonance imaging of brain maturation in early childhood: Mathematical model fitting to assess age-dependent change of cerebral blood flow. <i>Magnetic Resonance Imaging</i> , 2019, 59, 114-120.	1.8	9
35	Language supplementary motor area syndrome correlated with dynamic changes in perioperative task-based functional MRI activations: case report. <i>Journal of Neurosurgery</i> , 2021, 134, 1738-1742.	1.6	8
36	Relationships between ophthalmic artery flow direction and cognitive performance in patients with unilateral carotid artery stenosis. <i>Journal of the Neurological Sciences</i> , 2014, 336, 184-190.	0.6	7

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37	Decline of Tumor Vascular Function as Assessed by Dynamic Contrast-Enhanced Magnetic Resonance Imaging Is Associated With Poor Responses to Radiation Therapy and Chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1495-1503.	0.8	7
38	Flow versus permeability weighting in estimating the forward volumetric transfer constant (K <sub>trans</sub> ) obtained by DCE-MRI with contrast agents of differing molecular sizes. <i>Magnetic Resonance Imaging</i> , 2017, 36, 105-111.	1.8	7
39	Loneliness and depression dissociated on parietal-centered networks in cognitive and resting states. <i>Psychological Medicine</i> , 2020, 50, 2691-2701.	4.5	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.	3.0	7
41	Multimodal Neural Evidence on the Corticostriatal Underpinning of Suicidality in Late-Life Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 905-915.	1.5	7
42	Cerebrovascular Reactivity Mapping Using Resting-State Functional MRI in Patients With Gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1863-1871.	3.4	7
43	Effect of brain normalization methods on the construction of functional connectomes from resting-state functional MRI in patients with gliomas. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 487-498.	3.0	6
44	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.	3.1	6
45	Disparity of activation onset in sensory cortex from simultaneous auditory and visual stimulation: Differences between perfusion and blood oxygenation level-dependent functional magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 111-117.	3.4	5
46	Assessment of vessel permeability by combining dynamic contrast-enhanced and arterial spin labeling MRI. <i>NMR in Biomedicine</i> , 2015, 28, 642-649.	2.8	5
47	Deep learning application engine (DLAE): Development and integration of deep learning algorithms in medical imaging. <i>SoftwareX</i> , 2019, 10, 100347.	2.6	5
48	The effects of single-trial averaging on the temporal resolution of functional MRI. <i>Magnetic Resonance Imaging</i> , 2006, 24, 597-602.	1.8	4
49	Arterial spin-labeling perfusion imaging of childhood meningitis: a case series. <i>Child's Nervous System</i> , 2016, 32, 563-567.	1.1	4
50	Asymmetric Cerebrovascular Collateral Supply Affects Cognition in Patients with Unilateral Carotid Artery Stenosis. <i>Current Neurovascular Research</i> , 2018, 14, 347-358.	1.1	4
51	The relationship between loneliness and working-memory-related frontoparietal network connectivity in people with major depressive disorder. <i>Behavioural Brain Research</i> , 2020, 393, 112776.	2.2	4
52	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.	2.6	4
53	Validation of Non-invasive Language Mapping Modalities for Eloquent Tumor Resection: A Pilot Study. <i>Frontiers in Neuroscience</i> , 2022, 16, 833073.	2.8	4
54	False-positive analysis of functional MRI during simulated deep brain stimulation: A phantom study. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 1439-1442.	3.4	3

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55	Variations in BOLD response latency estimated from event-related fMRI at 3T: Comparisons between gradient-echo and Spin-echo. International Journal of Imaging Systems and Technology, 2013, 23, 215-221.	4.1	3
56	The neural correlates of perceived energy levels in older adults with late-life depression. Brain Imaging and Behavior, 2019, 13, 1397-1405.	2.1	3
57	Delayed FDG PET Provides Superior Glioblastoma Conspicuity Compared to Conventional Image Timing. Frontiers in Neurology, 2021, 12, 740280.	2.4	3
58	Neural substrates of respiratory sensory gating: A human fMRI study. Biological Psychology, 2022, 169, 108277.	2.2	3
59	Implementations of Clinical Functional Magnetic Resonance Imaging Using Character-based Paradigms for the Prediction of Chinese Language Dominance. Journal of Computer Assisted Tomography, 2003, 27, 207-212.	0.9	2
60	Comparison of functional localization accuracy with different coregistration strategies in presurgical fMRI for brain tumor patients. Medical Physics, 2018, 45, 3223-3228.	3.0	2
61	A dynamic susceptibility contrast MRI digital reference object for testing software with leakage correction: Effect of background simulation. Medical Physics, 2021, 48, 6051-6059.	3.0	2
62	SUFFRAGE: Automated Detection of Arterial Input Function in DSC Perfusion MRI in a Stroke Rat Model. Medical Physics, 2007, 34, 2358-2359.	3.0	1
63	Loneliness and Major Depressive Disorder in the Elderly with a History of Suicidal Ideation or Attempt: A Comment on "Therapist-Guided Internet-Based Treatments for Loneliness" by KÅll et al.. Psychotherapy and Psychosomatics, 2022, 91, 142-144.	8.8	1