Hua Guo

List of Publications by Citations

84 papers	852 citations	16 h-index	25 g-index
93 ext. papers	1,116 ext. citations	4.8 avg, IF	4.17 L-index

#	Paper	IF	Citations
84	Distinct and common aspects of physical and psychological self-representation in the brain: A meta-analysis of self-bias in facial and self-referential judgements. *Neuroscience and Biobehavioral Reviews*, **2016**, 61, 197-207	9	89
83	Myocardial T2 quantitation in patients with iron overload at 3 Tesla. *Journal of Magnetic Resonance Imaging*, **2009**, 30, 394-400	5.6	55
82	Parallel imaging and compressed sensing combined framework for accelerating high-resolution diffusion tensor imaging using inter-image correlation. *Magnetic Resonance in Medicine*, **2015**, 73, 1775-85	4.4	34
81	Correction for direction-dependent distortions in diffusion tensor imaging using matched magnetic field maps. *NeuroImage*, **2006**, 30, 121-9	7.9	34
80	Self-feeding MUSE: a robust method for high resolution diffusion imaging using interleaved EPI. *NeuroImage*, **2015**, 105, 552-60	7.9	29
79	Microbubbles as a novel contrast agent for brain MRI. *NeuroImage*, **2009**, 46, 658-64	7.9	29
78	POCS-enhanced inherent correction of motion-induced phase errors (POCS-ICE) for high-resolution multishot diffusion MRI. *Magnetic Resonance in Medicine*, **2016**, 75, 169-80	4.4	28
77	Improved multi-shot diffusion imaging using GRAPPA with a compact kernel. *NeuroImage*, **2016**, 138, 88-99	7.9	26
76	Comparison of T2, T1rho, and diffusion metrics in assessment of liver fibrosis in rats. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 741-750	5.6	24
75	Decreased between-hemisphere connectivity strength and network efficiency in geriatric depression. *Human Brain Mapping*, **2017**, 38, 53-67	5.9	23
74	Multiple Neuroimaging Measures for Examining Exercise-induced Neuroplasticity in Older Adults: A Quasi-experimental Study. *Frontiers in Aging Neuroscience*, **2017**, 9, 102	5.3	23
73	GD-DTPA enhanced MRI of ocular transport in a rat model of chronic glaucoma. *Experimental Eye Research*, **2008**, 87, 334-41	3.7	23
72	Tilted-CAIPI for highly accelerated distortion-free EPI with point spread function (PSF) encoding. *Magnetic Resonance in Medicine*, **2019**, 81, 377-392	4.4	23
71	Simultaneous multislice accelerated interleaved EPI DWI using generalized blipped-CAIPI acquisition and 3D K-space reconstruction. *Magnetic Resonance in Medicine*, **2017**, 77, 1593-1605	4.4	17
70	Interleaved EPI diffusion imaging using SPIRiT-based reconstruction with virtual coil compression. *Magnetic Resonance in Medicine*, **2018**, 79, 1525-1531	4.4	17
69	Giant cell tumor of soft tissue with pulmonary metastases: pathologic and cytogenetic study. *Pediatric and Developmental Pathology*, **2005**, 8, 718-24	2.2	17
68	Denoise diffusion-weighted images using higher-order singular value decomposition. *NeuroImage*, **2017**, 156, 128-145	7.9	16

67	Clinical significance of mitofusin-2 and its signaling pathways in hepatocellular carcinoma. *World Journal of Surgical Oncology*, **2016**, 14, 179	3.4	16
66	Stimulated echo diffusion weighted imaging of the liver at 3 Tesla. *Magnetic Resonance in Medicine*, **2017**, 77, 300-309	4.4	14
65	Expression of epidermal growth factor receptor, but not K-RAS mutations, is present in congenital cystic airway malformation/congenital pulmonary airway malformation. *Human Pathology*, **2007**, 38, 1772-8	3.7	14
64	Subcortical White Matter Changes with Normal Aging Detected by Multi-Shot High Resolution Diffusion Tensor Imaging. *PLoS ONE*, **2016**, 11, e0157533	3.7	14
63	A comparison of readout segmented EPI and interleaved EPI in high-resolution diffusion weighted imaging. *Magnetic Resonance Imaging*, **2018**, 47, 39-47	3.3	13
62	Motion-corrected k-space reconstruction for interleaved EPI diffusion imaging. *Magnetic Resonance in Medicine*, **2018**, 79, 1992-2002	4.4	13
61	Expansion of the Milan criteria without any sacrifice: combination of the Hangzhou criteria with the pre-transplant platelet-to-lymphocyte ratio. *BMC Cancer*, **2017**, 17, 14	4.8	12
60	Effect of diffusion time on liver DWI: an experimental study of normal and fibrotic livers. *Magnetic Resonance in Medicine*, **2014**, 72, 1389-96	4.4	12
59	Physical exercise increases involvement of motor networks as a compensatory mechanism during a cognitively challenging task. *International Journal of Geriatric Psychiatry*, **2018**, 33, 1153-1159	3.9	12
58	Phase-updated regularized SENSE for navigator-free multishot diffusion imaging. *Magnetic Resonance in Medicine*, **2017**, 78, 172-181	4.4	11
57	MRI assessment of excess cardiac iron in thalassemia major: When to initiate?. *Journal of Magnetic Resonance Imaging*, **2015**, 42, 737-45	5.6	11
56	Segmentation of gray matter, white matter, and CSF with fluid and white matter suppression using MP2RAGE. *Journal of Magnetic Resonance Imaging*, **2018**, 48, 1540-1550	5.6	10
55	The effects of navigator distortion and noise level on interleaved EPI DWI reconstruction: a comparison between image- and k-space-based method. *Magnetic Resonance in Medicine*, **2018**, 80, 2024-2032	4.4	9
54	Early detection of neurodegeneration in brain ischemia by manganese-enhanced MRI. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2008**, 2008, 3884-7	0.9	9
53	Measurement of common carotid artery lumen dynamics during the cardiac cycle using magnetic resonance TrueFISP cine imaging. *Journal of Magnetic Resonance Imaging*, **2008**, 28, 1527-32	5.6	9
52	Model-based reconstruction for simultaneous multislice and parallel imaging accelerated multishot diffusion tensor imaging. *Medical Physics*, **2018**, 45, 3196-3204	4.4	8
51	Multishot cartesian turbo spin-echo diffusion imaging using iterative POCSMUSE Reconstruction. *Journal of Magnetic Resonance Imaging*, **2017**, 46, 167-174	5.6	8
50	Topological reorganization after partial auditory deprivation-a structural connectivity study in single-sided deafness. *Hearing Research*, **2019**, 380, 75-83	3.9	7

49	Downward cross-modal plasticity in single-sided deafness. *NeuroImage*, **2019**, 197, 608-617	7.9	7
48	Determination of oxygen extraction fraction using magnetic resonance imaging in canine models with internal carotid artery occlusion. *Scientific Reports*, **2016**, 6, 30332	4.9	7
47	Comparison of multislice breath-hold and 3D respiratory triggered T1 imaging of liver in healthy volunteers and liver cirrhosis patients in 3.0 T MRI. *Journal of Magnetic Resonance Imaging*, **2016**, 44, 906-13	5.6	7
46	High-resolution diffusion tensor imaging in cervical spondylotic myelopathy: a preliminary follow-up study. *NMR in Biomedicine*, **2017**, 30, e3769	4.4	7
45	Castleman disease mimicked pancreatic carcinoma: report of two cases. *World Journal of Surgical Oncology*, **2012**, 10, 154	3.4	7
44	Reduced transverse relaxation rate (RR2) for improved sensitivity in monitoring myocardial iron in thalassemia. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 1510-6	5.6	7
43	White Matter Microstructure Alterations in Patients With Spinal Cord Injury Assessed by Diffusion Tensor Imaging. *Frontiers in Human Neuroscience*, **2019**, 13, 11	3.3	7
42	Predicting the Post-therapy Severity Level (UPDRS-III) of Patients With Parkinson's Disease After Drug Therapy by Using the Dynamic Connectivity Efficiency of fMRI. *Frontiers in Neurology*, **2019**, 10, 668	4.1	6
41	Qualitative and quantitative comparison of image quality between single-shot echo-planar and interleaved multi-shot echo-planar diffusion-weighted imaging in female pelvis. *European Radiology* , **2020**, 30, 1876-1884	8	6
40	Intracranial simultaneous noncontrast angiography and intraplaque hemorrhage (SNAP) MRA: Analyzation, optimization, and extension for dynamic MRA. *Magnetic Resonance in Medicine*, **2019**, 82, 1646-1659	4.4	5
39	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. *Spine*, **2018**, 43, E898-E904	3.3	5
38	Spatiotemporal variations of magnetic susceptibility in the deep gray matter nuclei from 1 month to 6 years: A quantitative susceptibility mapping study. *Journal of Magnetic Resonance Imaging*, **2019**, 49, 1600-1609	5.6	5
37	Usefulness of conventional magnetic resonance imaging, diffusion tensor imaging and neurite orientation dispersion and density imaging in evaluating postoperative function in patients with cervical spondylotic myelopathy. *Journal of Orthopaedic Translation*, **2018**, 15, 59-69	4.2	5
36	Value of severe liver iron overload for assessing heart iron levels in thalassemia major patients. *Journal of Magnetic Resonance Imaging*, **2016**, 44, 880-9	5.6	4
35	A New Measure for Neural Compensation Is Positively Correlated With Working Memory and Gait Speed. *Frontiers in Aging Neuroscience*, **2018**, 10, 71	5.3	4
34	Angiographic contrast mechanism comparison between Simultaneous Non-contrast Angiography and intraPlaque hemorrhage (SNAP) sequence and Time of Flight (TOF) sequence for intracranial artery. *Magnetic Resonance Imaging*, **2020**, 66, 199-207	3.3	4
33	Distortion correction of single-shot EPI enabled by deep-learning. *NeuroImage*, **2020**, 221, 117170	7.9	4
32	Neurite orientation dispersion and density imaging parameters may help for the evaluation of epileptogenic tubers in tuberous sclerosis complex patients. *European Radiology*, **2021**, 31, 5605-5614	8	4

31	Calibrationless parallel imaging reconstruction for multislice MR data using low-rank tensor completion. *Magnetic Resonance in Medicine*, **2021**, 85, 897-911	4.4	4
30	Water/fat separation for distortion-free EPI with point spread function encoding. *Magnetic Resonance in Medicine*, **2019**, 82, 251-262	4.4	3
29	Dual-TRACER: High resolution fMRI with constrained evolution reconstruction. *NeuroImage*, **2018**, 164, 172-182	7.9	3
28	Deep residual network for highly accelerated fMRI reconstruction using variable density spiral trajectory. *Neurocomputing*, **2020**, 398, 338-346	5.4	3
27	The divided brain: Functional brain asymmetry underlying self-construal. *NeuroImage*, **2021**, 240, 118382	7.9	3
26	Widespread plasticity of cognition-related brain networks in single-sided deafness revealed by randomized window-based dynamic functional connectivity. *Medical Image Analysis*, **2021**, 73, 102163	15.4	3
25	A New Joint-Blade SENSE Reconstruction for Accelerated PROPELLER MRI. *Scientific Reports*, **2017**, 7, 42602	4.9	2
24	A 3D k-space Fourier encoding and reconstruction framework for simultaneous multi-slab acquisition. *Magnetic Resonance in Medicine*, **2019**, 82, 1012-1024	4.4	2
23	Phase-constrained reconstruction of high-resolution multi-shot diffusion weighted image. *Journal of Magnetic Resonance*, **2020**, 312, 106690	3	2
22	Distortion correction for high-resolution single-shot EPI DTI using a modified field-mapping method. *NMR in Biomedicine*, **2019**, 32, e4124	4.4	2
21	Improved motion correction in PROPELLER by using grouped blades as reference. *Journal of Magnetic Resonance Imaging*, **2014**, 39, 700-7	5.6	2
20	Referenceless multi-channel signal combination: A demonstration in chemical-shift-encoded water-fat imaging. *Magnetic Resonance in Medicine*, **2020**, 83, 1810-1824	4.4	2
19	Cortical morphometric changes associated with completeness, level, and duration of spinal cord injury in humans: A case-control study. *Brain and Behavior*, **2021**, 11, e02037	3.4	2
18	Common Information Enhanced Reconstruction for Accelerated High-resolution Multi-shot Diffusion Imaging. *Magnetic Resonance Imaging*, **2019**, 62, 28-37	3.3	1
17	eIRIS: Eigen-analysis approach for improved spine multi-shot diffusion MRI. *Magnetic Resonance Imaging*, **2018**, 50, 134-140	3.3	1
16	Quantification of susceptibility change at high-concentrated SPIO-labeled target by characteristic phase gradient recognition. *Magnetic Resonance Imaging*, **2016**, 34, 552-61	3.3	1
15	White matter regeneration induced by aligned fibrin nanofiber hydrogel contributes to motor functional recovery in canine T12 spinal cord injury.. *International Journal of Energy Production and Management*, **2022**, 9, rbab069	5.3	1
14	Deep learning-enhanced T mapping with spatial-temporal and physical constraint. *Magnetic Resonance in Medicine*, **2021**, 86, 1647-1661	4.4	1

13	Multiscale coherence regularization reconstruction using a nonlocal operator for fast variable-density spiral imaging. *Magnetic Resonance Imaging*, **2016**, 34, 964-73	3.3	1
12	Diffusion coefficient orientation distribution function for diffusion magnetic resonance imaging. *Journal of Neuroscience Methods*, **2021**, 348, 108986	3	1
11	Technical Note: Clustering-based motion compensation scheme for multishot diffusion tensor imaging. *Medical Physics*, **2018**, 45, 5515-5524	4.4	1
10	Investigating Neural Substrates of Individual Independence and Interdependence Orientations via Efficiency-based Dynamic Functional Connectivity: A Machine Learning Approach. *IEEE Transactions on Cognitive and Developmental Systems*, **2021**, 1-1	3	1
9	The appearance of magnetic susceptibility objects in SWI phase depends on object size: Comparison with QSM and CT. *Clinical Imaging*, **2021**, 82, 67-72	2.7	0
8	The Evaluation and Prediction of Laminoplasty Surgery Outcome in Patients with Degenerative Cervical Myelopathy Using Diffusion Tensor MRI. *American Journal of Neuroradiology*, **2020**, 41, 1745-1753	4.4	0
7	Improving distortion correction for isotropic high-resolution 3D diffusion MRI by optimizing Jacobian modulation. *Magnetic Resonance in Medicine*, **2021**, 86, 2780-2794	4.4	0
6	Quantification of pancreatic iron overload and fat infiltration and their correlation with glucose disturbance in pediatric thalassemia major patients. *Quantitative Imaging in Medicine and Surgery*, **2021**, 11, 665-675	3.6	0
5	High-fidelity diffusion tensor imaging of the cervical spinal cord using point-spread-function encoded EPI. *NeuroImage*, **2021**, 236, 118043	7.9	0
4	High-resolution whole-brain diffusion MRI at 3T using simultaneous multi-slab (SMSlab) acquisition. *NeuroImage*, **2021**, 237, 118099	7.9	0
3	Technical Note: Measurement of common carotid artery lumen dynamics using black-blood MR cine imaging. *Medical Physics*, **2017**, 44, 1105-1112	4.4	
2	A rare cause of epigastric pain and vomiting. *Gastroenterology*, **2013**, 145, e1-2	13.3	
1	Diffusion MRI acquisition and reconstruction. *Advances in Magnetic Resonance Technology and Applications*, **2021**, 4, 109-122	0.1	