

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	White matter regeneration induced by aligned fibrin nanofiber hydrogel contributes to motor functional recovery in canine T12 spinal cord injury.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbab069	5.3	1
83	The appearance of magnetic susceptibility objects in SWI phase depends on object size: Comparison with QSM and CT. <i>Clinical Imaging</i> , 2021 , 82, 67-72	2.7	0
82	Diffusion MRI acquisition and reconstruction. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2021 , 4, 109-122	0.1	
81	Neurite orientation dispersion and density imaging parameters may help for the evaluation of epileptogenic tubers in tuberous sclerosis complex patients. <i>European Radiology</i> , 2021 , 31, 5605-5614	8	4
80	Deep learning-enhanced T mapping with spatial-temporal and physical constraint. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 1647-1661	4.4	1
79	Improving distortion correction for isotropic high-resolution 3D diffusion MRI by optimizing Jacobian modulation. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2780-2794	4.4	0
78	Calibrationless parallel imaging reconstruction for multislice MR data using low-rank tensor completion. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 897-911	4.4	4
77	Diffusion coefficient orientation distribution function for diffusion magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2021 , 348, 108986	3	1
76	Cortical morphometric changes associated with completeness, level, and duration of spinal cord injury in humans: A case-control study. <i>Brain and Behavior</i> , 2021 , 11, e02037	3.4	2
75	Quantification of pancreatic iron overload and fat infiltration and their correlation with glucose disturbance in pediatric thalassemia major patients. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 665-675	3.6	0
74	High-fidelity diffusion tensor imaging of the cervical spinal cord using point-spread-function encoded EPI. <i>NeuroImage</i> , 2021 , 236, 118043	7.9	0
73	High-resolution whole-brain diffusion MRI at 3T using simultaneous multi-slab (SMSlab) acquisition. <i>NeuroImage</i> , 2021 , 237, 118099	7.9	0
72	The divided brain: Functional brain asymmetry underlying self-construal. <i>NeuroImage</i> , 2021 , 240, 118382	7.9	3
71	Widespread plasticity of cognition-related brain networks in single-sided deafness revealed by randomized window-based dynamic functional connectivity. <i>Medical Image Analysis</i> , 2021 , 73, 102163	15.4	3
70	Investigating Neural Substrates of Individual Independence and Interdependence Orientations via Efficiency-based Dynamic Functional Connectivity: A Machine Learning Approach. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 1-1	3	1
69	Phase-constrained reconstruction of high-resolution multi-shot diffusion weighted image. <i>Journal of Magnetic Resonance</i> , 2020 , 312, 106690	3	2
68	Referenceless multi-channel signal combination: A demonstration in chemical-shift-encoded water-fat imaging. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1810-1824	4.4	2

67	Deep residual network for highly accelerated fMRI reconstruction using variable density spiral trajectory. <i>Neurocomputing</i> , 2020 , 398, 338-346	5.4	3
66	Angiographic contrast mechanism comparison between Simultaneous Non-contrast Angiography and intraPlaque hemorrhage (SNAP) sequence and Time of Flight (TOF) sequence for intracranial artery. <i>Magnetic Resonance Imaging</i> , 2020 , 66, 199-207	3.3	4
65	Qualitative and quantitative comparison of image quality between single-shot echo-planar and interleaved multi-shot echo-planar diffusion-weighted imaging in female pelvis. <i>European Radiology</i> , 2020 , 30, 1876-1884	8	6
64	The Evaluation and Prediction of Laminoplasty Surgery Outcome in Patients with Degenerative Cervical Myelopathy Using Diffusion Tensor MRI. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1745-1753	4.4	0
63	Distortion correction of single-shot EPI enabled by deep-learning. <i>NeuroImage</i> , 2020 , 221, 117170	7.9	4
62	Intracranial simultaneous noncontrast angiography and intraplaque hemorrhage (SNAP) MRA: Analyzation, optimization, and extension for dynamic MRA. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 1646-1659	4.4	5
61	Topological reorganization after partial auditory deprivation-a structural connectivity study in single-sided deafness. <i>Hearing Research</i> , 2019 , 380, 75-83	3.9	7
60	A 3D k-space Fourier encoding and reconstruction framework for simultaneous multi-slab acquisition. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 1012-1024	4.4	2
59	Downward cross-modal plasticity in single-sided deafness. <i>NeuroImage</i> , 2019 , 197, 608-617	7.9	7
58	Common Information Enhanced Reconstruction for Accelerated High-resolution Multi-shot Diffusion Imaging. <i>Magnetic Resonance Imaging</i> , 2019 , 62, 28-37	3.3	1
57	Water/fat separation for distortion-free EPI with point spread function encoding. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 251-262	4.4	3
56	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. <i>Frontiers in Neurology</i> , 2019 , 10, 668	4.1	6
55	Distortion correction for high-resolution single-shot EPI DTI using a modified field-mapping method. <i>NMR in Biomedicine</i> , 2019 , 32, e4124	4.4	2
54	White Matter Microstructure Alterations in Patients With Spinal Cord Injury Assessed by Diffusion Tensor Imaging. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 11	3.3	7
53	Tilted-CAIPI for highly accelerated distortion-free EPI with point spread function (PSF) encoding. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 377-392	4.4	23
52	Spatiotemporal variations of magnetic susceptibility in the deep gray matter nuclei from 1 month to 6 years: A quantitative susceptibility mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 1600-1609	5.6	5
51	The effects of navigator distortion and noise level on interleaved EPI DWI reconstruction: a comparison between image- and k-space-based method. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 2024-2032	4.4	9
50	Segmentation of gray matter, white matter, and CSF with fluid and white matter suppression using MP2RAGE. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1540-1550	5.6	10

49	eIRIS: Eigen-analysis approach for improved spine multi-shot diffusion MRI. <i>Magnetic Resonance Imaging</i> , 2018 , 50, 134-140	3.3	1
48	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. <i>Spine</i> , 2018 , 43, E898-E904	3.3	5
47	Dual-TRACER: High resolution fMRI with constrained evolution reconstruction. <i>NeuroImage</i> , 2018 , 164, 172-182	7.9	3
46	Interleaved EPI diffusion imaging using SPIRiT-based reconstruction with virtual coil compression. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1525-1531	4.4	17
45	A New Measure for Neural Compensation Is Positively Correlated With Working Memory and Gait Speed. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 71	5.3	4
44	Model-based reconstruction for simultaneous multislice and parallel imaging accelerated multishot diffusion tensor imaging. <i>Medical Physics</i> , 2018 , 45, 3196-3204	4.4	8
43	A comparison of readout segmented EPI and interleaved EPI in high-resolution diffusion weighted imaging. <i>Magnetic Resonance Imaging</i> , 2018 , 47, 39-47	3.3	13
42	Motion-corrected k-space reconstruction for interleaved EPI diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 1992-2002	4.4	13
41	Technical Note: Clustering-based motion compensation scheme for multishot diffusion tensor imaging. <i>Medical Physics</i> , 2018 , 45, 5515-5524	4.4	1
40	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. <i>Journal of Orthopaedic Translation</i> , 2018 , 15, 59-69	4.2	5
39	Physical exercise increases involvement of motor networks as a compensatory mechanism during a cognitively challenging task. <i>International Journal of Geriatric Psychiatry</i> , 2018 , 33, 1153-1159	3.9	12
38	Simultaneous multislice accelerated interleaved EPI DWI using generalized blipped-CAIPI acquisition and 3D K-space reconstruction. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 1593-1605	4.4	17
37	Stimulated echo diffusion weighted imaging of the liver at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 300-309	4.4	14
36	Technical Note: Measurement of common carotid artery lumen dynamics using black-blood MR cine imaging. <i>Medical Physics</i> , 2017 , 44, 1105-1112	4.4	
35	A New Joint-Blade SENSE Reconstruction for Accelerated PROPELLER MRI. <i>Scientific Reports</i> , 2017 , 7, 42602	4.9	2
34	Denoise diffusion-weighted images using higher-order singular value decomposition. <i>NeuroImage</i> , 2017 , 156, 128-145	7.9	16
33	Expansion of the Milan criteria without any sacrifice: combination of the Hangzhou criteria with the pre-transplant platelet-to-lymphocyte ratio. <i>BMC Cancer</i> , 2017 , 17, 14	4.8	12
32	High-resolution diffusion tensor imaging in cervical spondylotic myelopathy: a preliminary follow-up study. <i>NMR in Biomedicine</i> , 2017 , 30, e3769	4.4	7

31	Comparison of T2, T1rho, and diffusion metrics in assessment of liver fibrosis in rats. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 741-750	5.6	24
30	Multishot cartesian turbo spin-echo diffusion imaging using iterative POCSMUSE Reconstruction. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 167-174	5.6	8
29	Phase-updated regularized SENSE for navigator-free multishot diffusion imaging. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 172-181	4.4	11
28	Decreased between-hemisphere connectivity strength and network efficiency in geriatric depression. <i>Human Brain Mapping</i> , 2017 , 38, 53-67	5.9	23
27	Multiple Neuroimaging Measures for Examining Exercise-induced Neuroplasticity in Older Adults: A Quasi-experimental Study. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 102	5.3	23
26	Determination of oxygen extraction fraction using magnetic resonance imaging in canine models with internal carotid artery occlusion. <i>Scientific Reports</i> , 2016 , 6, 30332	4.9	7
25	Quantification of susceptibility change at high-concentrated SPIO-labeled target by characteristic phase gradient recognition. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 552-61	3.3	1
24	Improved multi-shot diffusion imaging using GRAPPA with a compact kernel. <i>NeuroImage</i> , 2016 , 138, 88-99	7.9	26
23	Value of severe liver iron overload for assessing heart iron levels in thalassemia major patients. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 880-9	5.6	4
22	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. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 906-13	5.6	7
21	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. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 61, 197-207	9	89
20	Subcortical White Matter Changes with Normal Aging Detected by Multi-Shot High Resolution Diffusion Tensor Imaging. <i>PLoS ONE</i> , 2016 , 11, e0157533	3.7	14
19	Clinical significance of mitofusin-2 and its signaling pathways in hepatocellular carcinoma. <i>World Journal of Surgical Oncology</i> , 2016 , 14, 179	3.4	16
18	Multiscale coherence regularization reconstruction using a nonlocal operator for fast variable-density spiral imaging. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 964-73	3.3	1
17	POCS-enhanced inherent correction of motion-induced phase errors (POCS-ICE) for high-resolution multishot diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2016 , 75, 169-80	4.4	28
16	Self-feeding MUSE: a robust method for high resolution diffusion imaging using interleaved EPI. <i>NeuroImage</i> , 2015 , 105, 552-60	7.9	29
15	MRI assessment of excess cardiac iron in thalassemia major: When to initiate?. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 737-45	5.6	11
14	Parallel imaging and compressed sensing combined framework for accelerating high-resolution diffusion tensor imaging using inter-image correlation. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 1775-85	4.4	34

13	Effect of diffusion time on liver DWI: an experimental study of normal and fibrotic livers. <i>Magnetic Resonance in Medicine</i> , 2014 , 72, 1389-96	4.4	12
12	Improved motion correction in PROPELLER by using grouped blades as reference. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 700-7	5.6	2
11	A rare cause of epigastric pain and vomiting. <i>Gastroenterology</i> , 2013 , 145, e1-2	13.3	
10	Castleman disease mimicked pancreatic carcinoma: report of two cases. <i>World Journal of Surgical Oncology</i> , 2012 , 10, 154	3.4	7
9	Reduced transverse relaxation rate (RR2) for improved sensitivity in monitoring myocardial iron in thalassemia. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 1510-6	5.6	7
8	Myocardial T2 quantitation in patients with iron overload at 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 394-400	5.6	55
7	Microbubbles as a novel contrast agent for brain MRI. <i>NeuroImage</i> , 2009 , 46, 658-64	7.9	29
6	GD-DTPA enhanced MRI of ocular transport in a rat model of chronic glaucoma. <i>Experimental Eye Research</i> , 2008 , 87, 334-41	3.7	23
5	Early detection of neurodegeneration in brain ischemia by manganese-enhanced MRI. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 3884-7	0.9	9
4	Measurement of common carotid artery lumen dynamics during the cardiac cycle using magnetic resonance TrueFISP cine imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 1527-32	5.6	9
3	Expression of epidermal growth factor receptor, but not K-RAS mutations, is present in congenital cystic airway malformation/congenital pulmonary airway malformation. <i>Human Pathology</i> , 2007 , 38, 1772-8	3.7	14
2	Correction for direction-dependent distortions in diffusion tensor imaging using matched magnetic field maps. <i>NeuroImage</i> , 2006 , 30, 121-9	7.9	34
1	Giant cell tumor of soft tissue with pulmonary metastases: pathologic and cytogenetic study. <i>Pediatric and Developmental Pathology</i> , 2005 , 8, 718-24	2.2	17