

Huijun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,078
citations

361413

20
h-index

477307

29
g-index

66
all docs

66
docs citations

66
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of SNAP and T1-weighted VISTA in cervical artery dissection. <i>Interventional Neuroradiology</i> , 2023, 29, 235-242.	1.1	2
2	Increased aneurysm wall permeability colocalized with low wall shear stress in unruptured saccular intracranial aneurysm. <i>Journal of Neurology</i> , 2022, 269, 2715-2719.	3.6	1
3	Multi-Task Deep Learning Approach for Simultaneous Objective Response Prediction and Tumor Segmentation in HCC Patients with Transarterial Chemoembolization. <i>Journal of Personalized Medicine</i> , 2022, 12, 248.	2.5	6
4	Automatic coronary plaque detection, classification, and stenosis grading using deep learning and radiomics on computed tomography angiography images: a multi-center multi-vendor study. <i>European Radiology</i> , 2022, 32, 5276-5286.	4.5	3
5	Optimization of the Contrast Agent Injection Protocol for Carotid Artery Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	3.4	0
6	Motion correction for native myocardial T_1 mapping using self-supervised deep learning registration with contrast separation. <i>NMR in Biomedicine</i> , 2022, 35, .	2.8	6
7	Added value of femoral artery atherosclerosis for determining severity of white matter lesion by carotid atherosclerosis: a magnetic resonance imaging study. <i>Acta Radiologica</i> , 2021, 62, 1112-1121.	1.1	1
8	Preoperative Remnant Liver Function Evaluation Using a Routine Clinical Dynamic Gd-EOB-DTPA-Enhanced MRI Protocol in Patients with Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2021, 28, 3672-3682.	1.5	15
9	ASO Author Reflections: Preoperative Assessment of Remnant Liver Function. <i>Annals of Surgical Oncology</i> , 2021, 28, 3683-3684.	1.5	0
10	A novel sequence for simultaneous measurement of whole-brain static and dynamic MRA, intracranial vessel wall image, and T1-weighted structural brain MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 316-325.	3.0	3
11	Associations between haemodynamics and wall enhancement of intracranial aneurysm. <i>Stroke and Vascular Neurology</i> , 2021, 6, 467-475.	3.3	17
12	Radiomics study on pulmonary infarction mimicking community-acquired pneumonia. <i>Clinical Respiratory Journal</i> , 2021, 15, 661-669.	1.6	1
13	Deep learning-enhanced T_1 mapping with spatial-temporal and physical constraint. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1647-1661.	3.0	10
14	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.	1.8	9
15	Quantitative evaluation of carotid atherosclerotic vulnerable plaques using in vivo T1 mapping cardiovascular magnetic resonance: validation by histology. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 38.	3.3	12
16	Deep learning-based MR fingerprinting ASL Reconstruction (DeepMARS). <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1024-1034.	3.0	21
17	Phase-constrained reconstruction of high-resolution multi-shot diffusion weighted image. <i>Journal of Magnetic Resonance</i> , 2020, 312, 106690.	2.1	5
18	A Self-Supervised Learning Framework for Under-Sampling Pattern Design Using Graph Convolution Network. <i>Investigative Magnetic Resonance Imaging</i> , 2020, 24, 232.	0.4	0

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19	Free-running simultaneous myocardial T1/T2 mapping and cine imaging with 3D whole-heart coverage and isotropic spatial resolution. <i>Magnetic Resonance Imaging</i> , 2019, 63, 159-169.	1.8	29
20	Free-running 3D whole heart myocardial T1 mapping with isotropic spatial resolution. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1331-1342.	3.0	36
21	Plaque components segmentation in carotid artery on simultaneous non-contrast angiography and intraplaque hemorrhage imaging using machine learning. <i>Magnetic Resonance Imaging</i> , 2019, 60, 93-100.	1.8	18
22	Complementary Roles of Dynamic Contrast-Enhanced MR Imaging and Postcontrast Vessel Wall Imaging in Detecting High-Risk Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2019, 40, 490-496.	2.4	18
23	Topics on quantitative liver magnetic resonance imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1840-1890.	2.0	31
24	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. <i>Spine</i> , 2018, 43, E898-E904.	2.0	12
25	Large coverage black-bright blood interleaved imaging sequence (LaBBI) for 3D dynamic contrast-enhanced MRI of vessel wall. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1334-1344.	3.0	3
26	Simultaneous acquisition sequence for improved hepatic pharmacokinetics quantification accuracy (SAHA) for dynamic contrast-enhanced MRI of liver. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2629-2641.	3.0	3
27	Carotid Intraplaque Hemorrhage Imaging with Quantitative Vessel Wall T1 Mapping: Technical Development and Initial Experience. <i>Radiology</i> , 2018, 287, 276-284.	7.3	34
28	Vascular input function correction of inflow enhancement for improved pharmacokinetic modeling of liver DCE-MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 3093-3102.	3.0	7
29	Simultaneous T ₁ and T ₂ mapping of the carotid plaque (SIMPLE) with T ₂ and inversion recovery prepared 3D radial imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2598-2608.	3.0	24
30	Hemodynamic assessments of venous pulsatile tinnitus using 4D-flow MRI. <i>Neurology</i> , 2018, 91, e586-e593.	1.1	40
31	Sequential combination of principle component analysis (PCA) and partial parallel imaging: PCA GROWL. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1058-1067.	3.0	1
32	Fast simultaneous noncontrast angiography and intraplaque hemorrhage (fSNAP) sequence for carotid artery imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 753-758.	3.0	12
33	Multiple Biomarkers in the Context of Conventional Risk Factors in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2769-2770.	2.8	8
34	Dynamic contrast-enhanced MR imaging of carotid vasa vasorum in relation to coronary and cerebrovascular events. <i>Atherosclerosis</i> , 2017, 263, 420-426.	0.8	16
35	Hepatic function imaging using dynamic GdEOB-TPA enhanced MRI and pharmacokinetic modeling. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1488-1495.	3.0	11
36	Evaluation of basilar artery atherosclerotic plaque distribution by 3D MR vessel wall imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1592-1599.	3.4	15

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37	Characterization of atherosclerotic disease in thoracic aorta: A 3D, multicontrast vessel wall imaging study. <i>European Journal of Radiology</i> , 2016, 85, 2030-2035.	2.6	19
38	Summary of clinical and laboratory data of study subjects with and without DCE-MRI plaque measurements in the AIM-HIGH clinical trial. <i>Data in Brief</i> , 2016, 6, 476-481.	1.0	1
39	Relationship between aneurysm wall enhancement and conventional risk factors in patients with unruptured intracranial aneurysms: A black-blood MRI study. <i>Interventional Neuroradiology</i> , 2016, 22, 501-505.	1.1	47
40	Longer duration of statin therapy is associated with decreased carotid plaque vascularity by magnetic resonance imaging. <i>Atherosclerosis</i> , 2016, 245, 74-81.	0.8	23
41	Analysis of Multicontrast Carotid Plaque MR Imaging. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 13-28.	1.0	2
42	Homologous black-bright-blood and flexible interleaved imaging sequence (HOBBI) for dynamic contrast-enhanced MRI of the vessel wall. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1754-1763.	3.0	8
43	Associations of arterial distensibility between carotid arteries and abdominal aorta by MR. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1138-1142.	3.4	7
44	Bi-content micro-collagen chip provides contractility-based biomechanical readout for phenotypic drug screening with expanded and profiled targets. <i>Lab on A Chip</i> , 2015, 15, 3481-3494.	6.0	13
45	Varying Correlation Between ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography and Dynamic Contrast-Enhanced MRI in Carotid Atherosclerosis. <i>Stroke</i> , 2014, 45, 1842-1845.	2.0	27
46	Referenceless Acquisition of Phase-sensitive Inversion-recovery with Decisive reconstruction (RAPID) imaging. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 806-815.	3.0	5
47	Scan-rescan reproducibility of quantitative assessment of inflammatory carotid atherosclerotic plaque using dynamic contrast-enhanced 3T CMR in a multi-center study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 51.	3.3	26
48	Magnetically controllable 3D microtissues based on magnetic microcryogels. <i>Lab on A Chip</i> , 2014, 14, 2614-2625.	6.0	38
49	Progression of experimental lesions of atherosclerosis: Assessment by kinetic modeling of black-blood dynamic contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1712-1720.	3.0	28
50	A framework for the co-registration of hemodynamic forces and atherosclerotic plaque components. <i>Physiological Measurement</i> , 2013, 34, 977-990.	2.1	10
51	Adventitial Perfusion and Intraplaque Hemorrhage. <i>Stroke</i> , 2013, 44, 1031-1036.	2.0	45
52	Atherosclerotic plaque inflammation quantification using dynamic contrast-enhanced (DCE) MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 298-301.	2.0	14
53	Segmentation of carotid plaque using multicontrast 3D gradient echo MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 812-819.	3.4	25
54	Magnetic Resonance Imaging of Atherosclerosis. , 2012, , 1-50.		0

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55	Extended graphical model for analysis of dynamic contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 868-878.	3.0	20
56	Carotid Artery Atherosclerosis: Effect of Intensive Lipid Therapy on the Vasa Vasorum Evaluation by Using Dynamic Contrast-enhanced MR Imaging. <i>Radiology</i> , 2011, 260, 224-231.	7.3	77
57	Localized measurement of atherosclerotic plaque inflammatory burden with dynamic contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 567-573.	3.0	23
58	Color structured light system of chest wall motion measurement for respiratory volume evaluation. <i>Journal of Biomedical Optics</i> , 2010, 15, 026013.	2.6	13
59	Cardiovascular magnetic resonance in carotid atherosclerotic disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 53.	3.3	27
60	Cardiac Magnetic Resonance Features of the Disruption-Prone and the Disrupted Carotid Plaque. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 883-896.	5.3	44
61	Current Techniques for MR Imaging of Atherosclerosis. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 203-215.	1.2	23
62	Dynamic Contrast-Enhanced Magnetic Resonance Images of the Kidney. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2008, 27, 36-41.	0.8	5
63	Surface height retrieval based on fringe shifting of color-encoded structured light pattern. <i>Optics Letters</i> , 2008, 33, 1801.	3.3	16
64	3-D shape measurement by composite pattern projection and hybrid processing. <i>Optics Express</i> , 2007, 15, 12318.	3.4	52
65	Incremental deformation analysis of shell and corrugated diaphragm based on arbitrary configuration. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2005, 21, 592-600.	3.4	0