Huijun Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7735534/publications.pdf

Version: 2024-02-01

65	1,078	361413	477307
papers	citations	20 h-index	29 g-index

66	66	66	1462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carotid Artery Atherosclerosis: Effect of Intensive Lipid Therapy on the Vasa Vasorumâ€"Evaluation by Using Dynamic Contrast-enhanced MR Imaging. Radiology, 2011, 260, 224-231.	7.3	77
2	3-D shape measurement by composite pattern projection and hybrid processing. Optics Express, 2007, 15, 12318.	3.4	52
3	Relationship between aneurysm wall enhancement and conventional risk factors in patients with unruptured intracranial aneurysms: A black-blood MRI study. Interventional Neuroradiology, 2016, 22, 501-505.	1.1	47
4	Adventitial Perfusion and Intraplaque Hemorrhage. Stroke, 2013, 44, 1031-1036.	2.0	45
5	Cardiac Magnetic Resonance Features of the Disruption-Prone and the Disrupted Carotid Plaque. JACC: Cardiovascular Imaging, 2009, 2, 883-896.	5.3	44
6	Hemodynamic assessments of venous pulsatile tinnitus using 4D-flow MRI. Neurology, 2018, 91, e586-e593.	1.1	40
7	Magnetically controllable 3D microtissues based on magnetic microcryogels. Lab on A Chip, 2014, 14, 2614-2625.	6.0	38
8	Freeâ€running 3D whole heart myocardial T 1 mapping with isotropic spatial resolution. Magnetic Resonance in Medicine, 2019, 82, 1331-1342.	3.0	36
9	Carotid Intraplaque Hemorrhage Imaging with Quantitative Vessel Wall T1 Mapping: Technical Development and Initial Experience. Radiology, 2018, 287, 276-284.	7.3	34
10	Topics on quantitative liver magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1840-1890.	2.0	31
11	Free-running simultaneous myocardial T1/T2 mapping and cine imaging with 3D whole-heart coverage and isotropic spatial resolution. Magnetic Resonance Imaging, 2019, 63, 159-169.	1.8	29
12	Progression of experimental lesions of atherosclerosis: Assessment by kinetic modeling of blackâ€blood dynamic contrastâ€enhanced MRI. Magnetic Resonance in Medicine, 2013, 69, 1712-1720.	3.0	28
13	Cardiovascular magnetic resonance in carotid atherosclerotic disease. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 53.	3.3	27
14	Varying Correlation Between ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography and Dynamic Contrast-Enhanced MRI in Carotid Atherosclerosis. Stroke, 2014, 45, 1842-1845.	2.0	27
15	Scan-rescan reproducibility of quantitative assessment of inflammatory carotid atherosclerotic plaque using dynamic contrast-enhanced 3T CMR in a multi-center study. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 51.	3.3	26
16	Segmentation of carotid plaque using multicontrast 3D gradient echo MRI. Journal of Magnetic Resonance Imaging, 2012, 35, 812-819.	3.4	25
17	Simultaneous T₁ and T₂ mapping of the carotid plaque (SIMPLE) with T₂ and inversion recovery prepared 3D radial imaging. Magnetic Resonance in Medicine, 2018, 80, 2598-2608.	3.0	24
18	Current Techniques for MR Imaging of Atherosclerosis. Topics in Magnetic Resonance Imaging, 2009, 20, 203-215.	1.2	23

#	Article	IF	Citations
19	Localized measurement of atherosclerotic plaque inflammatory burden with dynamic contrastâ€“enhanced MRI. Magnetic Resonance in Medicine, 2010, 64, 567-573.	3.0	23
20	Longer duration of statin therapy is associated with decreased carotid plaque vascularity by magnetic resonance imaging. Atherosclerosis, 2016, 245, 74-81.	0.8	23
21	Deep learningâ€“based MR fingerprinting ASL ReconStruction (DeepMARS). Magnetic Resonance in Medicine, 2020, 84, 1024-1034.	3.0	21
22	Extended graphical model for analysis of dynamic contrastâ€enhanced MRI. Magnetic Resonance in Medicine, 2011, 66, 868-878.	3.0	20
23	Characterization of atherosclerotic disease in thoracic aorta: A 3D, multicontrast vessel wall imaging study. European Journal of Radiology, 2016, 85, 2030-2035.	2.6	19
24	Plaque components segmentation in carotid artery on simultaneous non-contrast angiography and intraplaque hemorrhage imaging using machine learning. Magnetic Resonance Imaging, 2019, 60, 93-100.	1.8	18
25	Complementary Roles of Dynamic Contrast-Enhanced MR Imaging and Postcontrast Vessel Wall Imaging in Detecting High-Risk Intracranial Aneurysms. American Journal of Neuroradiology, 2019, 40, 490-496.	2.4	18
26	Associations between haemodynamics and wall enhancement of intracranial aneurysm. Stroke and Vascular Neurology, 2021, 6, 467-475.	3.3	17
27	Surface height retrieval based on fringe shifting of color-encoded structured light pattern. Optics Letters, 2008, 33, 1801.	3.3	16
28	Dynamic contrast-enhanced MR imaging of carotid vasa vasorum in relation to coronary and cerebrovascular events. Atherosclerosis, 2017, 263, 420-426.	0.8	16
29	Evaluation of basilar artery atherosclerotic plaque distribution by 3D MR vessel wall imaging. Journal of Magnetic Resonance Imaging, 2016, 44, 1592-1599.	3.4	15
30	Preoperative Remnant Liver Function Evaluation Using a Routine Clinical Dynamic Gd-EOB-DTPA-Enhanced MRI Protocol in Patients with Hepatocellular Carcinoma. Annals of Surgical Oncology, 2021, 28, 3672-3682.	1.5	15
31	Atherosclerotic plaque inflammation quantification using dynamic contrast-enhanced (DCE) MRI. Quantitative Imaging in Medicine and Surgery, 2013, 3, 298-301.	2.0	14
32	Color structured light system of chest wall motion measurement for respiratory volume evaluation. Journal of Biomedical Optics, 2010, 15, 026013.	2.6	13
33	Bi-content micro-collagen chip provides contractility-based biomechanical readout for phenotypic drug screening with expanded and profiled targets. Lab on A Chip, 2015, 15, 3481-3494.	6.0	13
34	Fast simultaneous noncontrast angiography and intraplaque hemorrhage (f<scp>SNAP</scp>) sequence for carotid artery imaging. Magnetic Resonance in Medicine, 2017, 77, 753-758.	3.0	12
35	A Follow-up Study of Postoperative DCM Patients Using Diffusion MRI with DTI and NODDI. Spine, 2018, 43, E898-E904.	2.0	12
36	Quantitative evaluation of carotid atherosclerotic vulnerable plaques using in vivo T1 mapping cardiovascular magnetic resonaonce: validation by histology. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 38.	3.3	12

#	Article	IF	Citations
37	Hepatic function imaging using dynamic Gdâ€EOBâ€DTPA enhanced MRI and pharmacokinetic modeling. Magnetic Resonance in Medicine, 2017, 78, 1488-1495.	3.0	11
38	A framework for the co-registration of hemodynamic forces and atherosclerotic plaque components. Physiological Measurement, 2013, 34, 977-990.	2.1	10
39	Deep learningâ€"enhanced T₁ mapping with spatialâ€temporal and physical constraint. Magnetic Resonance in Medicine, 2021, 86, 1647-1661.	3.0	10
40	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.	1.8	9
41	Homologous black-bright-blood and flexible interleaved imaging sequence (HOBBI) for dynamic contrast-enhanced MRI of the vessel wall. Magnetic Resonance in Medicine, 2015, 73, 1754-1763.	3.0	8
42	Multiple Biomarkers in the Context of Conventional Risk Factors in Patients With Coronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 2769-2770.	2.8	8
43	Associations of arterial distensibility between carotid arteries and abdominal aorta by MR. Journal of Magnetic Resonance Imaging, 2015, 41, 1138-1142.	3.4	7
44	Vascular input function correction of inflow enhancement for improved pharmacokinetic modeling of liver <scp>DCE</scp>â€<scp>MRI</scp>. Magnetic Resonance in Medicine, 2018, 79, 3093-3102.	3.0	7
45	Multi-Task Deep Learning Approach for Simultaneous Objective Response Prediction and Tumor Segmentation in HCC Patients with Transarterial Chemoembolization. Journal of Personalized Medicine, 2022, 12, 248.	2.5	6
46	Motion correction for native myocardial T₁ mapping using selfâ€supervised deep learning registration with contrast separation. NMR in Biomedicine, 2022, 35, .	2.8	6
47	Dynamic Contrast-Enhanced Magnetic Resonance Images of the Kidney. IEEE Engineering in Medicine and Biology Magazine, 2008, 27, 36-41.	0.8	5
48	Referenceless Acquisition of Phaseâ€sensitive Inversionâ€recovery with Decisive reconstruction (RAPID) imaging. Magnetic Resonance in Medicine, 2014, 72, 806-815.	3.0	5
49	Phase-constrained reconstruction of high-resolution multi-shot diffusion weighted image. Journal of Magnetic Resonance, 2020, 312, 106690.	2.1	5
50	Large coverage blackâ€bright blood interleaved imaging sequence (LaBBI) for 3D dynamic contrastâ€enhanced MRI of vessel wall. Magnetic Resonance in Medicine, 2018, 79, 1334-1344.	3.0	3
51	Simultaneous acquisition sequence for improved hepatic pharmacokinetics quantification accuracy (<scp>SAHA</scp>) for dynamic contrastâ€enhanced <scp>MRI</scp> of liver. Magnetic Resonance in Medicine, 2018, 79, 2629-2641.	3.0	3
52	A novel sequence for simultaneous measurement of wholeâ€brain static and dynamic MRA, intracranial vessel wall image, and T 1 â€weighted structural brain MRI. Magnetic Resonance in Medicine, 2021, 85, 316-325.	3.0	3
53	Automatic coronary plaque detection, classification, and stenosis grading using deep learning and radiomics on computed tomography angiography images: a multi-center multi-vendor study. European Radiology, 2022, 32, 5276-5286.	4.5	3
54	Analysis of Multicontrast Carotid Plaque MR Imaging. Neuroimaging Clinics of North America, 2016, 26, 13-28.	1.0	2

#	Article	IF	Citations
55	The use of SNAP and T1-weighted VISTA in cervical artery dissection. Interventional Neuroradiology, 2023, 29, 235-242.	1.1	2
56	Summary of clinical and laboratory data of study subjects with and without DCE-MRI plaque measurements in the AIM-HIGH clinical trial. Data in Brief, 2016, 6, 476-481.	1.0	1
57	Sequential combination of kâ€t principle component analysis (PCA) and partial parallel imaging: kâ€t PCA GROWL. Magnetic Resonance in Medicine, 2017, 77, 1058-1067.	3.0	1
58	Added value of femoral artery atherosclerosis for determining severity of white matter lesion by carotid atherosclerosis: a magnetic resonance imaging study. Acta Radiologica, 2021, 62, 1112-1121.	1.1	1
59	Radiomics study on pulmonary infarction mimicking communityâ€acquired pneumonia. Clinical Respiratory Journal, 2021, 15, 661-669.	1.6	1
60	Increased aneurysm wall permeability colocalized with low wall shear stress in unruptured saccular intracranial aneurysm. Journal of Neurology, 2022, 269, 2715-2719.	3.6	1
61	Incremental deformation analysis of shell and corrugated diaphragm based on arbitrary configuration. Acta Mechanica Sinica/Lixue Xuebao, 2005, 21, 592-600.	3.4	0
62	ASO Author Reflections: Preoperative Assessment of Remnant Liver Function. Annals of Surgical Oncology, 2021, 28, 3683-3684.	1.5	0
63	Magnetic Resonance Imaging of Atherosclerosis. , 2012, , 1-50.		0
64	A Self-Supervised Learning Framework for Under-Sampling Pattern Design Using Graph Convolution Network. Investigative Magnetic Resonance Imaging, 2020, 24, 232.	0.4	0
65	Optimization of the Contrast Agent Injection Protocol for Carotid Artery Dynamic ‹scp›Contrastâ€Enhanced‹/scp› Magnetic Resonance Imaging. Journal of Magnetic Resonance Imaging, 2022, , .	3.4	0