

Jinnan Wang

List of Publications by Year in descending order

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38
papers

1,603
citations

394421

19
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

1872
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved suppression of plaque-mimicking artifacts in black-blood carotid atherosclerosis imaging using a multislice motion-sensitized driven-equilibrium (MSDE) turbo spin-echo (TSE) sequence. <i>Magnetic Resonance in Medicine</i> , 2007, 58, 973-981.	3.0	199
2	Enhanced image quality in black-blood MRI using the improved motion-sensitized driven-equilibrium (iMSDE) sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1256-1263.	3.4	155
3	Carotid plaque assessment using fast 3D isotropic resolution black-blood MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 627-637.	3.0	135
4	Imaging and cell targeting characteristics of magnetic nanoparticles modified by a functionalizable zwitterionic polymer with adhesive 3,4-dihydroxyphenyl-L-alanine linkages. <i>Biomaterials</i> , 2010, 31, 6582-6588.	11.4	117
5	Multifunctional and degradable zwitterionic nanogels for targeted delivery, enhanced MR imaging, reduction-sensitive drug release, and renal clearance. <i>Biomaterials</i> , 2011, 32, 4604-4608.	11.4	116
6	Simultaneous noncontrast angiography and intraPlaque hemorrhage (SNAP) imaging for carotid atherosclerotic disease evaluation. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 337-345.	3.0	115
7	Carotid Plaque Morphology and Composition: Initial Comparison between 1.5- and 3.0-T Magnetic Field Strengths. <i>Radiology</i> , 2008, 248, 550-560.	7.3	103
8	Scan-rescan reproducibility of carotid atherosclerotic plaque morphology and tissue composition measurements using multicontrast MRI at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 168-176.	3.4	72
9	Evaluation of 3D multi-contrast joint intra- and extracranial vessel wall cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 41.	3.3	62
10	Joint blood and cerebrospinal fluid suppression for intracranial vessel wall MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 831-838.	3.0	61
11	Determination of nanoparticle vehicle unpackaging by MR imaging of a T2 magnetic relaxation switch. <i>Biomaterials</i> , 2008, 29, 724-732.	11.4	58
12	The association of lesion eccentricity with plaque morphology and components in the superficial femoral artery: a high-spatial-resolution, multi-contrast weighted CMR study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 37.	3.3	53
13	Improved carotid intraplaque hemorrhage imaging using a slab-selective phase-sensitive inversion-recovery (SPI) sequence. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1332-1340.	3.0	45
14	Assessment of Carotid Artery Atherosclerotic Disease by Using Three-dimensional Fast Black-Blood MR Imaging: Comparison with DSA. <i>Radiology</i> , 2015, 274, 508-516.	7.3	40
15	Comparison between two types of improved motion-sensitized driven-equilibrium (iMSDE) for intracranial black-blood imaging at 3.0 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 824-831.	3.4	29
16	Cardiovascular magnetic resonance in carotid atherosclerotic disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 53.	3.3	27
17	High Signal Intensity in the Dentate Nucleus and Globus Pallidus on Unenhanced T1-Weighted MR Images: Comparison between Gadobutrol and Linear Gadolinium-Based Contrast Agents. <i>American Journal of Neuroradiology</i> , 2018, 39, 421-426.	2.4	25
18	Fast plaque burden assessment of the femoral artery using 3D black-blood MRI and automated segmentation. <i>Medical Physics</i> , 2011, 38, 5370-5384.	3.0	24

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19	Current Techniques for MR Imaging of Atherosclerosis. Topics in Magnetic Resonance Imaging, 2009, 20, 203-215.	1.2	23
20	Imaging biomarkers of cardiovascular disease. Journal of Magnetic Resonance Imaging, 2010, 32, 502-515.	3.4	19
21	In Vivo Validation of Simultaneous Non-Contrast Angiography and IntraPlaque Hemorrhage (SNAP) Magnetic Resonance Angiography: An Intracranial Artery Study. PLoS ONE, 2016, 11, e0149130.	2.5	17
22	Time-Efficient Black Blood RCA Wall Imaging at 3T Using Improved Motion Sensitized Driven Equilibrium (iMSDE): Feasibility and Reproducibility. PLoS ONE, 2011, 6, e26567.	2.5	16
23	Efficient flow suppressed MRI improves interscan reproducibility of carotid atherosclerosis plaque burden measurements. Journal of Magnetic Resonance Imaging, 2010, 32, 452-458.	3.4	13
24	Dynamic speckle multiplexing scheme in volume holographic data storage and its realization. Optics Express, 2003, 11, 366.	3.4	12
25	Fast simultaneous noncontrast angiography and intraplaque hemorrhage (f<sc>SNAP</sc>) sequence for carotid artery imaging. Magnetic Resonance in Medicine, 2017, 77, 753-758.	3.0	12
26	Semiautomatic carotid intraplaque hemorrhage volume measurement using 3D carotid MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 1055-1062.	3.4	11
27	High-Field Atherosclerotic Plaque Magnetic Resonance Imaging. Neuroimaging Clinics of North America, 2012, 22, 271-284.	1.0	8
28	MRI of Auto-Transplantation of Bone Marrow-Derived Stem-Progenitor Cells for Potential Repair of Injured Arteries. PLoS ONE, 2012, 7, e31137.	2.5	8
29	STEP: Self-supporting tailored k-space estimation for parallel imaging reconstruction. Magnetic Resonance in Medicine, 2016, 75, 750-761.	3.0	6
30	Referenceless Acquisition of Phase-sensitive Inversion-recovery with Decisive reconstruction (RAPID) imaging. Magnetic Resonance in Medicine, 2014, 72, 806-815.	3.0	5
31	Intravascular 3.0T MRI Using an Imaging-Guidewire: a Feasibility Study in Swine. Applied Magnetic Resonance, 2011, 40, 105-112.	1.2	4
32	3.0-T MR Imaging of Intracoronary Local Delivery of Motexafin Gadolinium into Coronary Artery Walls. Radiology, 2013, 268, 556-562.	7.3	4
33	3D true-phase polarity recovery with independent phase estimation using three-tier stacks based region growing (3D-TRIPS). Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 87-99.	2.0	4
34	Exposure-schedule study of uniform diffraction efficiency for DSSM holographic storage. Optics Express, 2004, 12, 984.	3.4	3
35	Technical Note: Measurement of common carotid artery lumen dynamics using black-blood <sc>MR</sc> cine imaging. Medical Physics, 2017, 44, 1105-1112.	3.0	1
36	Editorial for "The nomogram of <sc>MRI</sc>-based radiomics with complementary visual features by machine learning improves stratification of glioblastoma patients: A multicenter study". Journal of Magnetic Resonance Imaging, 2021, 54, 584-585.	3.4	1

#	ARTICLE	IF	CITATIONS
37	iMSDE improves the fat suppression efficiency in vessel wall imaging. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	3.3	0
38	Magnetic Resonance Imaging of Atherosclerosis. , 2012, , 1-50.		0