

Taehoon Shin

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

537
citations

623574

14
h-index

677027

22
g-index

35
all docs

35
docs citations

35
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	FID-calibrated simultaneous multi-slice fast spin echo with long trains of hard pulses. <i>Physics in Medicine and Biology</i> , 2022, 67, 035002.	1.6	1
2	Ensuring both velocity and spatial responses robust to field inhomogeneities for velocity-selective arterial spin labeling through dynamic phase-cycling. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2723-2734.	1.9	16
3	Brain MRI radiomics analysis may predict poor psychomotor outcome in preterm neonates. <i>European Radiology</i> , 2021, 31, 6147-6155.	2.3	13
4	Principles of Magnetic Resonance Angiography Techniques. <i>Investigative Magnetic Resonance Imaging</i> , 2021, 25, 209.	0.2	5
5	Improved acceleration of phase-contrast flow imaging with magnitude difference regularization. <i>Magnetic Resonance Imaging</i> , 2020, 67, 1-6.	1.0	2
6	Non-contrast-enhanced abdominal MRA at 3 T using velocity-selective pulse trains. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1173-1183.	1.9	19
7	Perceived Dark Rim Artifact in First-Pass Myocardial Perfusion Magnetic Resonance Imaging Due to Visual Illusion. <i>Korean Journal of Radiology</i> , 2020, 21, 462.	1.5	0
8	Noncontrast Magnetic Resonance Angiography for the Diagnosis of Peripheral Vascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008844.	1.3	35
9	Cerebral blood volume mapping using Fourier-transform-based velocity-selective saturation pulse trains. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3544-3554.	1.9	23
10	Unenhanced Velocity-Selective MR Angiography (VS-MRA): Initial Clinical Evaluation in Patients With Peripheral Artery Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 744-751.	1.9	10
11	Characterization and suppression of stripe artifact in velocity-selective magnetization-prepared unenhanced MR angiography. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1997-2005.	1.9	23
12	Whole-brain arteriography and venography: Using improved velocity-selective saturation pulse trains. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2014-2023.	1.9	31
13	Two-Dimensional Image-Based Respiratory Navigator for Free-Breathing Coronary Magnetic Resonance Angiography. <i>Investigative Magnetic Resonance Imaging</i> , 2018, 22, 71.	0.2	0
14	A Robust Self-navigation for Respiratory Gating in 3D Radial Ultrashort Echo-time Lung MRI using Concurrent Dephasing and Excitation. <i>Journal of the Korean Physical Society</i> , 2018, 73, 138-144.	0.3	1
15	Free breathing three-dimensional late gadolinium enhancement cardiovascular magnetic resonance using outer volume suppressed projection navigators. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1533-1543.	1.9	11
16	Novel, non-gadolinium-enhanced magnetic resonance imaging technique of pedal artery aneurysms. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2017, 3, 87-89.	0.3	8
17	Accelerated electron paramagnetic resonance imaging using partial Fourier compressed sensing reconstruction. <i>Magnetic Resonance Imaging</i> , 2017, 37, 90-99.	1.0	2
18	Velocity-selective magnetization-prepared non-contrast-enhanced cerebral MR angiography at 3 Tesla: Improved immunity to B0/B1 inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1232-1241.	1.9	49

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19	A radial sampling strategy for uniform k -space coverage with retrospective respiratory gating in 3D ultrashort-echo-time lung imaging. <i>NMR in Biomedicine</i> , 2016, 29, 576-587.	1.6	15
20	Identification and reduction of image artifacts in non-contrast-enhanced velocity-selective peripheral angiography at 3T. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 466-477.	1.9	32
21	Noncontrast-enhanced peripheral venography using velocity-selective magnetization preparation and transient balanced SSFP. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 653-664.	1.9	1
22	Being BOLD in Critical Limb Ischemia —. <i>Journal of the American College of Cardiology</i> , 2016, 67, 432-434.	1.2	2
23	Combined outer volume suppression and T_2 preparation sequence for coronary angiography. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 1632-1639.	1.9	8
24	Towards the Development of a Low-Cost Minimally Invasive Highly Articulated MRI-Compatible Neurosurgical Robot. , 2014, , .		0
25	Three-dimensional magnetization-prepared imaging using a concentric cylinders trajectory. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1700-1710.	1.9	11
26	Rapid single-breath-hold 3D late gadolinium enhancement cardiac MRI using a stack-of spirals acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1496-1502.	1.9	26
27	Three-dimensional first-pass myocardial perfusion MRI using a stack-of spirals acquisition. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 839-844.	1.9	38
28	Non-contrast-enhanced renal and abdominal MR angiography using velocity-selective inversion preparation. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1268-1275.	1.9	41
29	Off-resonance-robust velocity-selective magnetization preparation for non-contrast-enhanced peripheral MR angiography. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1229-1240.	1.9	36
30	Off-resonance-robust velocity-selective magnetization preparation for non-contrast-enhanced peripheral MR angiography. <i>Magnetic Resonance in Medicine</i> , 2013, 70, spcone-spcone.	1.9	0
31	Systolic 3D first-pass myocardial perfusion MRI: Comparison with diastolic imaging in healthy subjects. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 858-864.	1.9	20
32	Three dimensional first-pass myocardial perfusion imaging at 3T: feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, 57.	1.6	50
33	1125 Spiral first-pass myocardial perfusion imaging at 3 Tesla: feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, .	1.6	0
34	Accelerating Dynamic Spiral MRI by Algebraic Reconstruction From Undersampled k -Space. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 917-924.	5.4	8
35	Reconstruction of Undersampled Dynamic Spiral MR Images. , 0, , .		0