

Ziwu Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8401765/publications.pdf>

Version: 2024-02-01

12
papers

371
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	MR image reconstruction using deep learning: evaluation of network structure and loss functions. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1516-1527.	2.0	68
2	Self-gated 4D multiphase, steady-state imaging with contrast enhancement (MUSIC) using rotating cartesian K-space (ROCK): Validation in children with congenital heart disease. Magnetic Resonance in Medicine, 2017, 78, 472-483.	3.0	54
3	Respiratory motion-resolved, self-gated 4D-MRI using rotating cartesian k-space (ROCK). Medical Physics, 2017, 44, 1359-1368.	3.0	51
4	Golden ratio rotated stack of stars acquisition for improved volumetric MRI. Magnetic Resonance in Medicine, 2017, 78, 2290-2298.	3.0	35
5	4D MUSIC CMR: value-based imaging of neonates and infants with congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 40.	3.3	30
6	Accelerated ferumoxytol-enhanced 4D multiphase, steady-state imaging with contrast enhancement (MUSIC) cardiovascular MRI: validation in pediatric congenital heart disease. NMR in Biomedicine, 2017, 30, e3663.	2.8	30
7	Accelerated noncontrast-enhanced 4-dimensional intracranial MR angiography using golden angle stack of stars trajectory and compressed sensing with magnitude subtraction. Magnetic Resonance in Medicine, 2018, 79, 867-878.	3.0	28
8	Parallel imaging and convolutional neural network combined fast MR image reconstruction: Applications in low-latency accelerated real-time imaging. Medical Physics, 2019, 46, 3399-3413.	3.0	25
9	Respiratory motion-resolved, self-gated 4D-MRI using Rotating Cartesian K-space (ROCK): Initial clinical experience on an MRI-guided radiotherapy system. Radiotherapy and Oncology, 2018, 127, 467-473.	0.6	19
10	Segmented golden ratio radial reordering with variable temporal resolution for dynamic cardiac MRI. Magnetic Resonance in Medicine, 2016, 76, 94-103.	3.0	15
11	Accurate, precise, simultaneous myocardial T1 and T2 mapping using a radial sequence with inversion recovery and T2 preparation. NMR in Biomedicine, 2019, 32, e4165.	2.8	13
12	Improved 4D cardiac functional assessment for pediatric patients using motion-weighted image reconstruction. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 747-756.	2.0	3