

Jianmin Yuan

List of Publications by Year in descending order

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16
papers

321
citations

1040056

9
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996975

15
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16
all docs

16
docs citations

16
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Material properties of components in human carotid atherosclerotic plaques: A uniaxial extension study. <i>Acta Biomaterialia</i> , 2014, 10, 5055-5063.	8.3	81
2	Optimization of Improved Motion-sensitized Driven-equilibrium (iMSDE) blood suppression for carotid artery wall imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 61.	3.3	48
3	Imaging Carotid Atherosclerosis Plaque Ulceration: Comparison of Advanced Imaging Modalities and Recent Developments. <i>American Journal of Neuroradiology</i> , 2017, 38, 664-671.	2.4	39
4	The influence of constitutive law choice used to characterise atherosclerotic tissue material properties on computing stress values in human carotid plaques. <i>Journal of Biomechanics</i> , 2015, 48, 3912-3921.	2.1	29
5	Three-dimensional black-blood T ₂ mapping with compressed sensing and data-driven parallel imaging in the carotid artery. <i>Magnetic Resonance Imaging</i> , 2017, 37, 62-69.	1.8	24
6	Influence of material property variability on the mechanical behaviour of carotid atherosclerotic plaques: A 3D fluid-structure interaction analysis. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2015, 31, e02722.	2.1	18
7	Low perfusion compartments in glioblastoma quantified by advanced magnetic resonance imaging and correlated with patient survival. <i>Radiotherapy and Oncology</i> , 2019, 134, 17-24.	0.6	15
8	Relationship between carotid plaque surface morphology and perfusion: a 3D DCE-MRI study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 191-199.	2.0	14
9	Near-silent distortionless DWI using magnetization-prepared RUFIS. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 170-181.	3.0	14
10	Ferumoxylol-enhanced three-dimensional magnetic resonance imaging of carotid atheroma- a feasibility and temporal dependence study. <i>Scientific Reports</i> , 2020, 10, 1808.	3.3	13
11	Three-dimensional black-blood multi-contrast carotid imaging using compressed sensing: a repeatability study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 183-190.	2.0	9
12	Near-silent and Distortion-free Diffusion MRI in Pediatric Musculoskeletal Disorders: Comparison With Echo Planar Imaging Diffusion. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 504-513.	3.4	7
13	The development and optimisation of 3D black-blood R ₂ * mapping of the carotid artery wall. <i>Magnetic Resonance Imaging</i> , 2017, 44, 104-110.	1.8	4
14	A Comparison of Black-blood T ₂ Mapping Sequences for Carotid Vessel Wall Imaging at 3T: An Assessment of Accuracy and Repeatability. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 29-35.	2.0	4
15	Short-Axis PET Image Quality Improvement by Attention CycleGAN Using Total-Body PET. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-13.	1.9	2
16	Reply:. <i>American Journal of Neuroradiology</i> , 2017, 38, E37-E37.	2.4	0