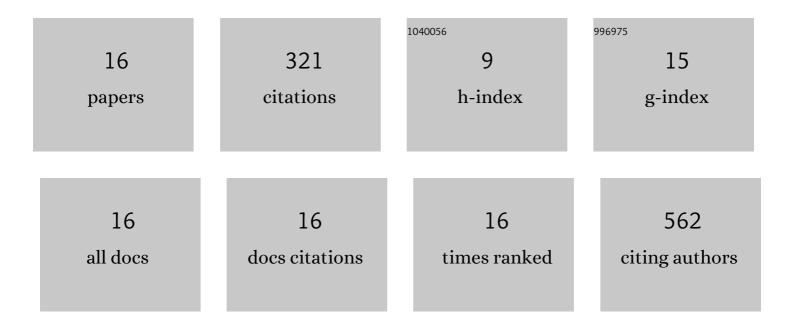
## Jianmin Yuan

List of Publications by Year in descending order

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Ιιανιμίνι Υμανι

#	Article	IF	CITATIONS
1	Material properties of components in human carotid atherosclerotic plaques: A uniaxial extension study. Acta Biomaterialia, 2014, 10, 5055-5063.	8.3	81
2	Optimization of Improved Motion-sensitized Driven-equilibrium (iMSDE) blood suppression for carotid artery wall imaging. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 61.	3.3	48
3	Imaging Carotid Atherosclerosis Plaque Ulceration: Comparison of Advanced Imaging Modalities and Recent Developments. American Journal of Neuroradiology, 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. Journal of Biomechanics, 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. Magnetic Resonance Imaging, 2017, 37, 62-69.	1.8	24
6	Influence of material property variability on the mechanical behaviour of carotid atherosclerotic plaques: A 3D fluidâ€structure interaction analysis. International Journal for Numerical Methods in Biomedical Engineering, 2015, 31, e02722.	2.1	18
7	Low perfusion compartments in glioblastoma quantified by advanced magnetic resonance imaging and correlated with patient survival. Radiotherapy and Oncology, 2019, 134, 17-24.	0.6	15
8	Relationship between carotid plaque surface morphology and perfusion: a 3D DCE-MRI study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 191-199.	2.0	14
9	Nearâ€silent distortionless DWI using magnetizationâ€prepared RUFIS. Magnetic Resonance in Medicine, 2020, 84, 170-181.	3.0	14
10	Ferumoxytol-enhanced three-dimensional magnetic resonance imaging of carotid atheroma- a feasibility and temporal dependence study. Scientific Reports, 2020, 10, 1808.	3.3	13
11	Three-dimensional black-blood multi-contrast carotid imaging using compressed sensing: a repeatability study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2018, 31, 183-190.	2.0	9
12	Nearâ€5ilent and Distortionâ€Free Diffusion MRI in Pediatric Musculoskeletal Disorders: Comparison With Echo Planar Imaging Diffusion. Journal of Magnetic Resonance Imaging, 2021, 53, 504-513.	3.4	7
13	The development and optimisation of 3D black-blood R2* mapping of the carotid artery wall. Magnetic Resonance Imaging, 2017, 44, 104-110.	1.8	4
14	A Comparison of Black-blood T <sub>2</sub> Mapping Sequences for Carotid Vessel Wall Imaging at 3T: An Assessment of Accuracy and Repeatability. Magnetic Resonance in Medical Sciences, 2019, 18, 29-35.	2.0	4
15	Short-Axis PET Image Quality Improvement by Attention CycleGAN Using Total-Body PET. Journal of Healthcare Engineering, 2022, 2022, 1-13.	1.9	2
16	Reply:. American Journal of Neuroradiology, 2017, 38, E37-E37.	2.4	0