Evan M Masutani

List of Publications by Year
in descending order

11	360	1040018 9	1281846 11
papers	citations	h-index	g-index

13	13	13	561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Learning Automated Background Phase Error Correction for Abdominopelvic 4D Flow MRI. Radiology, 2022, 302, 584-592.	7.3	9
2	High shear stress enhances endothelial permeability in the presence of the risk haplotype at 9p21.3. APL Bioengineering, 2021, 5, 036102.	6.2	3
3	Clinical Performance and Role of Expert Supervision of Deep Learning for Cardiac Ventricular Volumetry: A Validation Study. Radiology: Artificial Intelligence, 2020, 2, e190064.	5.8	13
4	4D Flow Vorticity Visualization Predicts Regions of Quantitative Flow Inconsistency for Optimal Blood Flow Measurement. Radiology: Cardiothoracic Imaging, 2020, 2, e190054.	2.5	12
5	Deep Learning Single-Frame and Multiframe Super-Resolution for Cardiac MRI. Radiology, 2020, 295, 552-561.	7.3	74
6	Magnesium transporter 1 (MAGT1) deficiency causes selective defects in N-linked glycosylation and expression of immune-response genes. Journal of Biological Chemistry, 2019, 294, 13638-13656.	3.4	57
7	Mg2+ regulation of kinase signaling and immune function. Journal of Experimental Medicine, 2019, 216, 1828-1842.	8.5	37
8	Deep Learningâ€“based Prescription of Cardiac MRI Planes. Radiology: Artificial Intelligence, 2019, 1, e180069.	5.8	40
9	Defective glycosylation and multisystem abnormalities characterize the primary immunodeficiency XMEN disease. Journal of Clinical Investigation, 2019, 130, 507-522.	8.2	74
10	Hemodynamic-mediated endocardial signaling controls in vivo myocardial reprogramming. ELife, 2019, 8, .	6.0	30
11	Volumetric segmentationâ€free method for rapid visualization of vascular wall shear stress using 4D flow MRI. Magnetic Resonance in Medicine, 2018, 80, 748-755.	3.0	11