

# Jonatan Eriksson

## List of Publications by Year in descending order

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862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-automatic quantification of 4D left ventricular blood flow. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 9.	3.3	170
2	Four-dimensional blood flow-specific markers of LV dysfunction in dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2013, 14, 417-424.	1.2	131
3	4-D blood flow in the human right ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2344-H2350.	3.2	111
4	Quantification of presystolic blood flow organization and energetics in the human left ventricle. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2135-H2141.	3.2	110
5	Turbulent kinetic energy in normal and myopathic left ventricles. Journal of Magnetic Resonance Imaging, 2015, 41, 1021-1029.	3.4	62
6	Altered Diastolic Flow Patterns and Kinetic Energy in Subtle Left Ventricular Remodeling and Dysfunction Detected by 4D Flow MRI. PLoS ONE, 2016, 11, e0161391.	2.5	53
7	Atlas-based analysis of 4D flow CMR: Automated vessel segmentation and flow quantification. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 87.	3.3	48
8	Assessment of left ventricular hemodynamic forces in healthy subjects and patients with dilated cardiomyopathy using 4D flow MRI. Physiological Reports, 2016, 4, e12685.	1.7	48
9	4D flow MRI can detect subtle right ventricular dysfunction in primary left ventricular disease. Journal of Magnetic Resonance Imaging, 2016, 43, 558-565.	3.4	40
10	Left ventricular hemodynamic forces as a marker of mechanical dyssynchrony in heart failure patients with left bundle branch block. Scientific Reports, 2017, 7, 2971.	3.3	35
11	Test-retest variability of left ventricular 4D flow cardiovascular magnetic resonance measurements in healthy subjects. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 15.	3.3	35
12	Creating hemodynamic atlases of cardiac 4D flow MRI. Journal of Magnetic Resonance Imaging, 2017, 46, 1389-1399.	3.4	24
13	Mechanical dyssynchrony alters left ventricular flow energetics in failing hearts with LBBB: a 4D flow CMR pilot study. International Journal of Cardiovascular Imaging, 2018, 34, 587-596.	1.5	12
14	Spatial heterogeneity of four-dimensional relative pressure fields in the human left ventricle. Magnetic Resonance in Medicine, 2015, 74, 1716-1725.	3.0	11
15	Fixed volume particle trace emission for the analysis of left atrial blood flow using 4D Flow MRI. Magnetic Resonance Imaging, 2018, 47, 83-88.	1.8	11
16	Diastolic preparation for left ventricular ejection - A marker of inefficiency of the failing heart. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	3.3	0