

# Andreas Åstvik

## List of Publications by Year in descending order

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12  
papers

601  
citations

1163117

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1588992

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docs citations

14  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Segmentation Using an Open Large-Scale Dataset in 2D Echocardiography. IEEE Transactions on Medical Imaging, 2019, 38, 2198-2210.	8.9	292
2	Real-Time Standard View Classification in Transthoracic Echocardiography Using Convolutional Neural Networks. Ultrasound in Medicine and Biology, 2019, 45, 374-384.	1.5	81
3	Artificial Intelligence for Automatic Measurement of Left Ventricular Strain in Echocardiography. JACC: Cardiovascular Imaging, 2021, 14, 1918-1928.	5.3	56
4	Real-Time Automatic Ejection Fraction and Foreshortening Detection Using Deep Learning. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2595-2604.	3.0	48
5	Myocardial Function Imaging in Echocardiography Using Deep Learning. IEEE Transactions on Medical Imaging, 2021, 40, 1340-1351.	8.9	34
6	LU-Net: A Multistage Attention Network to Improve the Robustness of Segmentation of Left Ventricular Structures in 2-D Echocardiography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2519-2530.	3.0	23
7	High Performance Neural Network Inference, Streaming, and Visualization of Medical Images Using FAST. IEEE Access, 2019, 7, 136310-136321.	4.2	19
8	Detection of Cardiac Events in Echocardiography Using 3D Convolutional Recurrent Neural Networks. , 2018, , .		17
9	Automatic Myocardial Strain Imaging in Echocardiography Using Deep Learning. Lecture Notes in Computer Science, 2018, , 309-316.	1.3	13
10	Fully Automatic Real-Time Ejection Fraction and MAPSE Measurements in 2D Echocardiography Using Deep Neural Networks. , 2018, , .		11
11	Annotation Web - An open-source web-based annotation tool for ultrasound images. , 2021, , .		7
12	Notice of Removal: Real-time classification of standard cardiac views in echocardiography using neural networks. , 2017, , .		0