Olaf T Von Ramm

List of Publications by Year
in descending order

20 papers	1,706 citations	759233 12 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	888 citing authors

#	Article	IF	Citations
1	Explososcan: A parallel processing technique for high speed ultrasound imaging with linear phased arrays. Journal of the Acoustical Society of America, 1984, 75, 1273-1282.	1.1	406
2	Angle Independent Ultrasonic Detection of Blood Flow. IEEE Transactions on Biomedical Engineering, 1987, BME-34, 965-967.	4.2	345
3	Beam Steering with Linear Arrays. IEEE Transactions on Biomedical Engineering, 1983, BME-30, 438-452.	4.2	224
4	Real time volumetric ultrasound imaging system. Journal of Digital Imaging, 1990, 3, 261-266.	2.9	215
5	Real-time Three-dimensional Echocardiography for Determining Right Ventricular Stroke Volume in an Animal Model of Chronic Right Ventricular Volume Overload. Circulation, 1998, 97, 1897-1900.	1.6	156
6	Real-time three-dimensional echocardiography for measurement of left ventricular volumes. American Journal of Cardiology, 1999, 84, 1434-1439.	1.6	120
7	Real-time, three-dimensional echocardiography: Feasibility of dynamic right ventricular volume measurement with saline contrast. American Heart Journal, 1999, 137, 958-966.	2.7	73
8	Real-time orthogonal mode scanning of the heart. I. System Design. Journal of the American College of Cardiology, 1986, 7, 1279-1285.	2.8	53
9	Quantification of aortic regurgitation by real-time 3-dimensional echocardiography in a chronic animal model: Computation of aortic regurgitant volume as the difference between left and right ventricular stroke volumes. Journal of the American Society of Echocardiography, 2001, 14, 1112-1118.	2.8	18
10	Interactive volume rendering of real-time three-dimensional ultrasound images. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2007, 54, 313-318.	3.0	16
11	High-Frame-Rate Deformation Imaging in Two Dimensions Using Continuous Speckle-Feature Tracking. Ultrasound in Medicine and Biology, 2016, 42, 2606-2615.	1.5	15
12	Real-time 3-dimensional echocardiography for quantification of the difference in left ventricular versus right ventricular stroke volume in a chronic animal model study: Improved results using C-scans for quantifying aortic regurgitation. Journal of the American Society of Echocardiography, 2004, 17, 870-875.	2.8	14
13	Principles and applications of a dynamically focused phased array real time ultrasound system. Journal of Clinical Ultrasound, 1978, 6, 385-391.	0.8	12
14	Speckle structure in three dimensions. Journal of the Acoustical Society of America, 1995, 98, 35-42.	1.1	11
15	Live high-frame-rate echocardiography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 1779-1787.	3.0	10
16	Real-time three-dimensional echocardiography to construct clinically ready, load-independent indices of myocardial contractile performance. Journal of the American Society of Echocardiography, 2003, 16, 922-930.	2.8	8
17	Quantitative Parameters of High-Frame-Rate Strain in Patients with Echocardiographically Normal Function. Ultrasound in Medicine and Biology, 2019, 45, 1197-1207.	1.5	8
18	Angular scatter ultrasound imaging of wavelength scale targets. Journal of the Acoustical Society of America, 2000, 108, 1914-1919.	1.1	1

#	Article	IF	Citations
19	Contractile Fronts In The Interventricular Septum: A Case For High Frame Rate Echocardiographic Imaging. Ultrasound in Medicine and Biology, 2020, 46, 2181-2192.	1.5	1
20	Real-time, Orthogonal Cardiac Imaging. Developments in Cardiovascular Medicine, 1987, , 155-165.	0.1	0