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The variation of integrated backscatter in human hearts in differing ultrasonic transthoracic views

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Journal of the American Society of Echocardiography,
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#	Paper	IF	Citations
42	Regional variations of ultrasonic integrated backscatter in normal and myopathic left ventricles. A new multi-view approach. <i>European Heart Journal</i> , 1996 , 17, 1747-55	9.5	26
41	New technology in echocardiography II: imaging techniques. <i>Heart</i> , 1996 , 75, 9-16	5.1	2
40	Comparison of integrated backscatter values obtained with acoustic densitometry with values derived from spectral analysis of digitized signals from a clinical imaging system. <i>Journal of the American Society of Echocardiography</i> , 1997 , 10, 511-7	5.8	11
39	Myocardial ultrasonic tissue characterization in patients with different types of left ventricular hypertrophy: a videodensitometric approach. <i>Journal of the American Society of Echocardiography</i> , 1997 , 10, 74-82	5.8	14
38	Influences of ultrasonic machine settings, transducer frequency and placement of region of interest on the measurement of integrated backscatter and cyclic variation. <i>Ultrasound in Medicine and Biology</i> , 1997 , 23, 1059-70	3.5	10
37	Developments in cardiovascular ultrasound. Part 3: Cardiac applications. <i>Medical and Biological Engineering and Computing</i> , 1998 , 36, 529-43	3.1	3
36	Ultrasonic tissue characterization in predicting residual ischemia and myocardial viability for patients with acute myocardial infarction. <i>Ultrasound in Medicine and Biology</i> , 1998 , 24, 1107-20	3.5	23
35	Effects of myocardial fiber orientation in echocardiography: quantitative measurements and computer simulation of the regional dependence of backscattered ultrasound in the parasternal short-axis view. <i>Journal of the American Society of Echocardiography</i> , 1998 , 11, 929-37	5.8	54
34	Intensity-invariant 2D+T acoustic boundary detection.		4
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32	Robust contour tracking in echocardiographic sequences.		14
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28	Evaluating a robust contour tracker on echocardiographic sequences. <i>Medical Image Analysis</i> , 1999 , 3, 63-75	15.4	54
27	Ultrasonic tissue characterization in patients with dilated cardiomyopathy: comparison with findings from right ventricular endomyocardial biopsy. <i>International Journal of Cardiovascular Imaging</i> , 1999 , 15, 391-6		19
26	Effects of tissue anisotropy and contrast acoustic properties on myocardial scattering in contrast echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 564-73	5.8	11

25	2D+T acoustic boundary detection in echocardiography. <i>Medical Image Analysis</i> , 2000 , 4, 21-30	15.4	119
24	Studies of cardiac function and myocardial tissue characterization. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2000 , 214, 141-9	1.7	
23	Cyclic Variation of Integrated Backscatter: Dependence of Time Delay on the Echocardiographic View Used and the Myocardial Segment Analyzed. <i>Journal of the American Society of Echocardiography</i> , 2000 , 13, 9-17	5.8	51
22	An automatic procedure for the extraction of parametric images of the myocardium from integrated ultrasonic backscatter signals.		
21	Influence of respiration on myocardial signal intensity. <i>Ultrasound in Medicine and Biology</i> , 2001 , 27, 473-95	3.5	3
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19	Influence of propranolol infusion on cyclic variation of myocardial integrated backscatter in hypertrophic obstructive cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 1251-5	5.8	1
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