Robert Eckersley

List of Publications by Year
in descending order

161 papers	6,078 citations	57758 44 h-index	76900 74 g-index
171 all docs	171 docs citations	171 times ranked	3647 citing authors

#	Article	IF	Citations
1	3-D Super-Resolution Ultrasound Imaging With a 2-D Sparse Array. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 269-277.	3.0	74
2	Ring Artifact Correction for Phase-Insensitive Ultrasound Computed Tomography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 513-525.	3.0	3
3	Optimal Control of SonoVue Microbubbles to Estimate Hydrostatic Pressure. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 557-567.	3.0	22
4	Impact of Aperture, Depth, and Acoustic Clutter on the Performance of Coherent Multi-Transducer Ultrasound Imaging. Applied Sciences (Switzerland), 2020, 10, 7655.	2.5	18
5	High-Frame-Rate Tri-Plane Echocardiography With Spiral Arrays: From Simulation to Real-Time Implementation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 57-69.	3.0	28
6	Poisson Statistical Model of Ultrasound Super-Resolution Imaging Acquisition Time. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1246-1254.	3.0	40
7	Coherent Multi-Transducer Ultrasound Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1316-1330.	3.0	34
8	Investigation of Microbubble Detection Methods for Super-Resolution Imaging of Microvasculature. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 676-691.	3.0	29
9	Fast Acoustic Wave Sparsely Activated Localization Microscopy: Ultrasound Super-Resolution Using Plane-Wave Activation of Nanodroplets. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1039-1046.	3.0	53
10	3D Super-Resolution US Imaging of Rabbit Lymph Node Vasculature in Vivo by Using Microbubbles. Radiology, 2019, 291, 642-650.	7.3	82
11	Quantification of Vaporised Targeted Nanodroplets Using High-Frame-Rate Ultrasound and Optics. Ultrasound in Medicine and Biology, 2019, 45, 1131-1142.	1.5	12
12	Pulse Pileup Correction of Signals From a Pyroelectric Sensor for Phase-Insensitive Ultrasound Computed Tomography. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3920-3931.	4.7	4
13	Phase-Insensitive Ultrasound Tomography of the Attenuation of Breast Phantoms. , 2019, , .		4
14	Coherent Multi-Transducer Ultrasound Imaging through aberrating media. , 2019, , .		3
15	Super-Resolution Ultrasound Image Filtering with Machine-Learning to Reduce the Localization Error. , 2019, , .		4
16	Coherent Multi-Transducer Ultrasound Imaging with Microbubble Contrast Agents. , 2019, , .		3
17	Photoacoustic Super-Resolution Imaging using Laser Activation of Low-Boiling-Point Dye-Coated Nanodroplets in vitro and in vivo. , 2019, , .		5
18	Extension of Coherent Multi-Transducer Ultrasound Imaging with Diverging Waves. , 2019, , .		6

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19	Minimization of Nanodroplet Activation Time using Focused-Pulses for Droplet-Based Ultrasound Super-Resolution Imaging. , 2019, , .		5
20	Activation and 3D Imaging of Phase-change Nanodroplet Contrast Agents with a 2D Ultrasound Probe. , 2019, , .		2
21	Acoustic Wave Sparsely-Activated Localization Microscopy (AWSALM): In Vivo Fast Ultrasound Super-Resolution Imaging using Nanodroplets. , 2019, , .		9
22	The Effects of Hydrostatic Pressure on the Subharmonic Response of SonoVue and Sonazoid. , 2019, , .		4
23	Motion Artifacts and Correction in Multipulse High-Frame Rate Contrast-Enhanced Ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 417-420.	3.0	12
24	Coherent multi-transducer ultrasound imaging in the presence of aberration. , 2019, , .		11
25	Variability in circulating gas emboli after a same scuba diving exposure. European Journal of Applied Physiology, 2018, 118, 1255-1264.	2.5	27
26	High Frame-Rate Contrast Echocardiography: In-Human Demonstration. JACC: Cardiovascular Imaging, 2018, 11, 923-924.	5.3	29
27	Two-Stage Motion Correction for Super-Resolution Ultrasound Imaging in Human Lower Limb. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 803-814.	3.0	89
28	3-D Motion Correction for Volumetric Super-Resolution Ultrasound Imaging. , 2018, 2018, .		8
29	3D in Vitro Ultrasound Super-Resolution Imaging Using a Clinical System. , 2018, , .		5
30	Flow Visualization Through Locally Activated Nanodroplets and High Frame Rate Imaging. , 2018, , .		7
31	3-D Super-Resolution Ultrasound Imaging Using a 2-D Sparse Array with High Volumetric Imaging Rate. , 2018, , .		4
32	Development of Simultaneous Optical Imaging and Super-Resolution Ultrasound to Improve Microbubble Localization Accuracy. , 2018, , .		0
33	High-Frame-Rate Contrast Echocardiography Using Diverging Waves: Initial In Vitro and In Vivo Evaluation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2212-2221.	3.0	12
34	Acoustic wave sparsely activated localization microscopy (AWSALM): Super-resolution ultrasound imaging using acoustic activation and deactivation of nanodroplets. Applied Physics Letters, 2018, 113, .	3.3	59
35	Characterisation of Functionalised Microbubbles for Ultrasound Imaging and Therapy. , 2018, , 375-389.		0
36	Microbubble Axial Localization Errors in Ultrasound Super-Resolution Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1644-1654.	3.0	70

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37	A Temporal and Spatial Analysis Approach to Automated Segmentation of Microbubble Signals in Contrast-Enhanced Ultrasound Images: Application to Quantification of Active Vascular Density in Human Lower Limbs. Ultrasound in Medicine and Biology, 2017, 43, 2221-2234.	1.5	0
38	Characterization of Contrast Agent Microbubbles for Ultrasound Imaging and Therapy Research. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 232-251.	3.0	48
39	Effects of motion on high frame rate contrast enhanced echocardiography and its correction. , 2017, , .		1
40	3-D In Vitro Acoustic Super-Resolution and Super-Resolved Velocity Mapping Using Microbubbles. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1478-1486.	3.0	48
41	Two Stage Sub-Wavelength Motion Correction in Human Microvasculature for CEUS Imaging. , 2017, , .		5
42	Localisation of multiple non-isolated microbubbles with frequency decomposition in super-resolution imaging. , 2017, , .		1
43	High frame rate contrast enhanced echocardiography: Microbubbles stability and contrast evaluation. , 2017, , .		0
44	Investigation of microbubble detection methods for super-resolution imaging of microvasculature. , 2017, , .		1
45	Two stage sub-wavelength motion correction in human microvasculature for CEUS imaging. , 2017, , .		6
46	Localisation of multiple non-isolated microbubbles with frequency decomposition in super-resolution imaging. , 2017, , .		6
47	Ultrasound super-resolution with microbubble contrast agents. , 2017, , .		0
48	Cardiac flow mapping using high frame rate diverging wave contrast enhanced ultrasound and image tracking. , 2017, , .		1
49	Ultrasound Imaging with Microbubbles [Life Sciences]. IEEE Signal Processing Magazine, 2016, 33, 111-117.	5.6	21
50	Super-resolution imaging of microbubble contrast agents. , 2015, , .		0
51	A Targeting Microbubble for Ultrasound Molecular Imaging. PLoS ONE, 2015, 10, e0129681.	2.5	38
52	Correction of Non-Linear Propagation Artifact in Contrast-Enhanced Ultrasound Imaging of Carotid Arteries: Methods and inÂVitro Evaluation. Ultrasound in Medicine and Biology, 2015, 41, 1938-1947.	1.5	18
53	Quantitative Ultrasound Molecular Imaging. Ultrasound in Medicine and Biology, 2015, 41, 2478-2496.	1.5	12
54	Motion correction in contrast-enhanced ultrasound scans of carotid atherosclerotic plaques. , 2015, , .		0

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55	Quantifying Activation of Perfluorocarbon-Based Phase-Change Contrast Agents Using Simultaneous Acoustic and Optical Observation. Ultrasound in Medicine and Biology, 2015, 41, 1422-1431.	1.5	26
56	Attenuation Correction and Normalisation for Quantification of Contrast Enhancement in Ultrasound Images of Carotid Arteries. Ultrasound in Medicine and Biology, 2015, 41, 1876-1883.	1.5	10
57	Decompression induced bubble dynamics on ex vivo fat and muscle tissue surfaces with a new experimental set up. Colloids and Surfaces B: Biointerfaces, 2015, 129, 121-129.	5.0	13
58	Detecting tissue optical and mechanical properties with an ultrasound modulated optical imaging system in reflection detection geometry. Biomedical Optics Express, 2015, 6, 63.	2.9	6
59	Dual shear wave induced laser speckle contrast signal and the improvement in shear wave speed measurement. Biomedical Optics Express, 2015, 6, 1954.	2.9	4
60	Flow Velocity Mapping Using Contrast Enhanced High-Frame-Rate Plane Wave Ultrasound and Image Tracking: Methods and Initial inÂVitro and inÂVivo Evaluation. Ultrasound in Medicine and Biology, 2015, 41, 2913-2925.	1.5	147
61	In Vivo Acoustic Super-Resolution and Super-Resolved Velocity Mapping Using Microbubbles. IEEE Transactions on Medical Imaging, 2015, 34, 433-440.	8.9	315
62	Tracking shear waves in turbid medium by light: theory, simulation, and experiment. Optics Letters, 2014, 39, 1597.	3.3	7
63	Circulatory bubble dynamics: From physical to biological aspects. Advances in Colloid and Interface Science, 2014, 206, 239-249.	14.7	55
64	Dynamics of Targeted Microbubble Adhesion Under Pulsatile Compared with Steady Flow. Ultrasound in Medicine and Biology, 2014, 40, 2445-2457.	1.5	1
65	Biomedical Signal and Imaging Processing (Second Edition). Ultrasound in Medicine and Biology, 2014, 40, 1920.	1.5	0
66	Prospects for enhancement of targeted radionuclide therapy of cancer using ultrasound. Journal of Labelled Compounds and Radiopharmaceuticals, 2014, 57, 279-284.	1.0	1
67	The use of portable 2D echocardiography and 'frame-based' bubble counting as a tool to evaluate diving decompression stress. Diving and Hyperbaric Medicine, 2014, 44, 5-13.	0.5	15
68	Single Bubble Acoustic Characterization and Stability Measurement of Adherent Microbubbles. Ultrasound in Medicine and Biology, 2013, 39, 903-914.	1.5	10
69	Viscosity measurement based on shear-wave laser speckle contrast analysis. Journal of Biomedical Optics, 2013, 18, 121511.	2.6	6
70	Sound and Signals (Signals and Communication Technology). Ultrasound in Medicine and Biology, 2013, 39, 1518.	1.5	0
71	Ultrasound Imaging Velocimetry: Effect of Beam Sweeping on Velocity Estimation. Ultrasound in Medicine and Biology, 2013, 39, 1672-1681.	1.5	26
72	A critical review of physiological bubble formation in hyperbaric decompression. Advances in Colloid and Interface Science, 2013, 191-192, 22-30.	14.7	58

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73	Acoustic super-resolution with ultrasound and microbubbles. Physics in Medicine and Biology, 2013, 58, 6447-6458.	3.0	225
74	Mapping microbubble viscosity using fluorescence lifetime imaging of molecular rotors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9225-9230.	7.1	128
75	Evaluation of Methods for Sizing and Counting of Ultrasound Contrast Agents. Ultrasound in Medicine and Biology, 2012, 38, 834-845.	1.5	42
76	Theoretical and Experimental Characterisation of Magnetic Microbubbles. Ultrasound in Medicine and Biology, 2012, 38, 864-875.	1.5	32
77	The Influence of Gas Saturation on Microbubble Stability. Ultrasound in Medicine and Biology, 2012, 38, 1097-1100.	1.5	26
78	Effect of Albumin and Dextrose Concentration on Ultrasound and Microbubble Mediated Gene Transfection InÂVivo. Ultrasound in Medicine and Biology, 2012, 38, 1067-1077.	1.5	14
79	Shear Wave Elasticity Imaging Based on Acoustic Radiation Force and Optical Detection. Ultrasound in Medicine and Biology, 2012, 38, 1637-1645.	1.5	19
80	Albumin Coated Microbubble Optimization: Custom Fabrication and Comprehensive Characterization. Ultrasound in Medicine and Biology, 2012, 38, 1599-1607.	1.5	4
81	Effect of ultrasound on adherent microbubble contrast agents. Physics in Medicine and Biology, 2012, 57, 6999-7014.	3.0	6
82	Modeling non-spherical oscillations and stability of acoustically driven shelled microbubbles. Journal of the Acoustical Society of America, 2012, 131, 4349-4357.	1.1	8
83	Understanding the Structure and Mechanism of Formation of a New Magnetic Microbubble Formulation. Theranostics, 2012, 2, 1127-1139.	10.0	18
84	The effect of glucosamine on the acoustic and binding properties of albumin-based microbubbles (work in progress). , 2012, , .		0
85	Magnetic Microbubbles. , 2012, , 499-522.		0
86	Quantitative contrast-enhanced ultrasound imaging: a review of sources of variability. Interface Focus, 2011, 1, 520-539.	3.0	248
87	Comparison of pulse subtraction doppler and pulse inversion doppler. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 73-81.	3.0	8
88	Effects of acoustic radiation force and shear waves for absorption and stiffness sensing in ultrasound modulated optical tomography. Optics Express, 2011, 19, 7299.	3.4	23
89	Effect of bubble shell nonlinearity on ultrasound nonlinear propagation through microbubble populations. Journal of the Acoustical Society of America, 2011, 129, EL76-EL82.	1.1	16
90	A comparison of 31P magnetic resonance spectroscopy and microbubble-enhanced ultrasound for characterizing hepatitis c-related liver disease. Journal of Viral Hepatitis, 2011, 18, e530-e534.	2.0	11

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91	Temperature-Dependent Differences in the Nonlinear Acoustic Behavior of Ultrasound Contrast Agents Revealed by High-Speed Imaging and Bulk Acoustics. Ultrasound in Medicine and Biology, 2011, 37, 1509-1517.	1.5	26
92	Influence of Needle Gauge On In Vivo Ultrasound and Microbubble-Mediated Gene Transfection. Ultrasound in Medicine and Biology, 2011, 37, 1531-1537.	1.5	19
93	Ultrasound-mediated optical tomography: a review of current methods. Interface Focus, 2011, 1, 632-648.	3.0	67
94	Pulse subtraction Doppler. Physics Procedia, 2010, 3, 749-753.	1.2	3
95	Effects of Nonlinear Propagation in Ultrasound Contrast Agent Imaging. Ultrasound in Medicine and Biology, 2010, 36, 459-466.	1.5	64
96	Temperature Dependent Behavior of Ultrasound Contrast Agents. Ultrasound in Medicine and Biology, 2010, 36, 925-934.	1.5	60
97	On Sizing and Counting of Microbubbles Using Optical Microscopy. Ultrasound in Medicine and Biology, 2010, 36, 2093-2096.	1.5	66
98	Hepatic vein transit times of a microbubble agent in assessing response to antiviral treatment in patients with chronic hepatitis C. Journal of Viral Hepatitis, 2010, 17, 778-783.	2.0	5
99	Photoacoustics, thermoacoustics, and acousto-optics for biomedical imaging. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 291-306.	1.8	14
100	Quantitative Power Doppler Ultrasonography Is a Sensitive Measure of Metacarpophalangeal Joint Synovial Vascularity in Rheumatoid Arthritis and Declines Significantly Following a 2-week Course of Oral Low-dose Corticosteroids. Journal of Rheumatology, 2010, 37, 2493-2501.	2.0	32
101	Enhanced gene transfection in vivo using magnetic localisation of ultrasound contrast agents: Preliminary results. , 2010, , .		8
102	An approximate nonlinear model for time gain compensation of amplitude modulated images of ultrasound contrast agent perfusion. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 818-829.	3.0	11
103	Verification of an image calibration method in ultrasound contrast agent imaging on a perfusion phantom. , 2009, , .		0
104	Ultrasound phase velocities in SonoVue™ as a function of pressure and bubble concentration. , 2009, , .		5
105	A study on optical modulation signal and tissue displacement in ultrasound modulated optical tomography. , 2009, , .		1
106	Ultrabubble: A Laminated Ultrasound Contrast Agent with Narrow Size Range. Advanced Materials, 2009, 21, 3949-3952.	21.0	80
107	Microbubble Stability is a Major Determinant of the Efficiency of Ultrasound and Microbubble Mediated in vivo Gene Transfer. Ultrasound in Medicine and Biology, 2009, 35, 976-984.	1.5	82
108	Physical phenomena affecting quantitative imaging of ultrasound contrast agents. Applied Acoustics, 2009, 70, 1352-1362.	3.3	51

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109	Temperature behaviour of ultrasound contrast agents. , 2009, , .		1
110	Comparison of pulse subtraction Doppler and pulse inversion Doppler. , 2009, , .		0
111	Attenuation Correction in Ultrasound Contrast Agent Imaging: Elementary Theory and Preliminary Experimental Evaluation. Ultrasound in Medicine and Biology, 2008, 34, 1998-2008.	1.5	28
112	High-speed optical observations and simulation results of SonoVue microbubbles at low-pressure insonation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1333-1342.	3.0	40
113	Comparative study of experiencedvsnon-experienced radiologists in assessing parametric CT images of the response of the prostate gland to radiotherapy. British Journal of Radiology, 2008, 81, 572-576.	2.2	5
114	Ultrasound: General Principles. , 2008, , 55-77.		7
115	Specific Imaging Techniques, Contrast Media, Ultrasound. , 2008, , 1696-1697.		0
116	Contrast Media, Ultrasound, Phase Modulation. , 2008, , 479-480.		0
117	Contrast Media, Ultrasound, Amplitude Modulation. , 2008, , 522-522.		0
118	P4D-7 Nonlinear Propagation of Ultrasound Through Microbubble Clouds: A Novel Numerical Implementation. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	4
119	Dynamic Interactions between Contrast Agent Microbubbles: High Speed Camera Observations and Simulation Results. AIP Conference Proceedings, 2007, , .	0.4	0
120	Frequency and pressure dependent attenuation and scattering by microbubbles. Ultrasound in Medicine and Biology, 2007, 33, 164-168.	1.5	72
121	Microbubble Contrast Agent Detection Using Binary Coded Pulses. Ultrasound in Medicine and Biology, 2007, 33, 1787-1795.	1.5	20
122	Measurement of the Reflectivity of the Intima-Medial Layer of the Common Carotid Artery Improves the Discriminatory Value of Intima-Medial Thickness Measurement as a Predictor of Risk of Atherosclerotic Disease. Ultrasound in Medicine and Biology, 2007, 33, 1029-1038.	1.5	8
123	Nonlinear propagation of ultrasound through microbubble contrast agents and implications for imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 2406-2415.	3.0	78
124	Investigating the nonlinear microbubble response to chirp encoded, multipulse sequences. Ultrasound in Medicine and Biology, 2006, 32, 1887-1895.	1.5	13
125	Contrast-Enhanced Ultrasound: Basic Physics and Technology Overview. , 2006, , 3-14.		8
126	Hepatic Vein Transit Time of SonoVue: A Comparative Study with Levovist. Radiology, 2006, 240, 130-135.	7.3	52

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127	P1F-4 High Speed Optical Observations and Simulation Results of Lipid Based Microbubbles at Low Insonation Pressures. , 2006, , .		9
128	A Novel Technique to Measure Splanchnic Transit Time Using Microbubble Ultrasound. Investigative Radiology, 2005, 40, 80-84.	6.2	2
129	Cyclosporine A Does Not Alter Ultrasonic Indices of Renal Blood Flow: A Potential Tool for Differentiating Toxicity from Acute Rejection?. Transplantation, 2005, 79, 731-734.	1.0	0
130	Methodology for Imaging Time-Dependent Phenomena. , 2005, , 303-335.		4
131	Pressure-dependent attenuation with microbubbles at low mechanical index. Ultrasound in Medicine and Biology, 2005, 31, 377-384.	1.5	51
132	Optimising phase and amplitude modulation schemes for imaging microbubble contrast agents at low acoustic power. Ultrasound in Medicine and Biology, 2005, 31, 213-219.	1.5	218
133	Quantitative Analysis of Parenchymal Flow at Contrast-Enhanced US. , 2005, , 383-391.		0
134	Hepatic vein transit times using a microbubble agent can predict disease severity non-invasively in patients with hepatitis C. Gut, 2005, 54, 128-133.	12.1	127
135	Use of a Microbubble Contrast Agent in the Evaluation of Cirrhotic Patients for Hepatopulmonary Syndrome: Preliminary Assessment of a Novel Technique. Ultrasound, 2005, 13, 100-105.	0.7	0
136	Can Doppler Sonography Grade the Severity of Hepatitis C-Related Liver Disease?. American Journal of Roentgenology, 2005, 184, 1848-1853.	2.2	77
137	Evidence for Spleen-specific Uptake of a Microbubble Contrast Agent: A Quantitative Study in Healthy Volunteers. Radiology, 2004, 231, 785-788.	7.3	123
138	Liver microbubble transit time compared with histology and Child-Pugh score in diffuse liver disease: a cross sectional study. Gut, 2003, 52, 1188-1193.	12.1	111
139	Advances in Ultrasound. Clinical Radiology, 2002, 57, 157-177.	1.1	173
140	Which continuous US scanning mode is optimal for the detection of vascularity in liver lesions when enhanced with a second generation contrast agent?. European Journal of Radiology, 2002, 41, 184-191.	2.6	44
141	Enhancement characteristics of the microbubble agent Levovist: reproducibility and interaction with aspirin. European Journal of Radiology, 2002, 41, 179-183.	2.6	4
142	Functional ultrasound methods in oncological imaging. European Journal of Cancer, 2002, 38, 2108-2115.	2.8	31
143	Characterization of Focal Liver Lesions with Phase Inversion Ultrasound During the Late Liver-Specific Phase of Levovist. Academic Radiology, 2002, 9, S375.	2.5	7
144	Quantitative microbubble enhanced transrectal ultrasound as a tool for monitoring hormonal treatment of prostate carcinoma. Prostate, 2002, 51, 256-267.	2.3	80

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145	Developments in ultrasound contrast media. European Radiology, 2001, 11, 675-689.	4.5	156
146	Quantification of blood flow. European Radiology, 2001, 11, 1338-1344.	4.5	93
147	Do Different Types of Liver Lesions Differ in Their Uptake of the Microbubble Contrast Agent SH U 508A in the Late Liver Phase? Early Experience. Radiology, 2001, 220, 661-667.	7.3	96
148	Breast. Ultrasound in Medicine and Biology, 2000, 26, S110-S115.	1.5	0
149	Ex vivo delineation of placental angioarchitecture with the microbubble contrast agent Levovist. American Journal of Obstetrics and Gynecology, 2000, 182, 966-971.	1.3	9
150	Liver Lesions: Intermittent Second-Harmonic Gray-Scale US Can Increase Conspicuity with Microbubble Contrast Materialâ€"Early Experience. Radiology, 2000, 216, 592-596.	7.3	52
151	Hepatic Malignancies: Improved Detection with Pulse-Inversion US in Late Phase of Enhancement with SH U 508Aâ€"Early Experience. Radiology, 2000, 216, 903-908.	7.3	119
152	Pulse-inversion mode imaging of liver specific microbubbles: improved detection of subcentimetre metastases. Lancet, The, 2000, 355, 807-808.	13.7	143
153	Improved Imaging of Liver Metastases with Stimulated Acoustic Emission in the Late Phase of Enhancement with the US Contrast Agent SH U 508A: Early Experience. Radiology, 1999, 210, 409-416.	7.3	237
154	Stimulated acoustic emission to image a late liver and spleen-specific phase of LevovistÂ® in normal volunteers and patients with and without liver disease. Ultrasound in Medicine and Biology, 1999, 25, 1341-1352.	1.5	101
155	Non-invasive diagnosis of hepatic cirrhosis by transit-time analysis of an ultrasound contrast agent. Lancet, The, 1999, 353, 1579-1583.	13.7	242
156	Potential for Quantification. Medical Radiology, 1999, , 343-353.	0.1	0
157	Stimulated acoustic emission in liver parenchyma with Levovist. Lancet, The, 1998, 351, 568.	13.7	104
158	Stimulated acoustic emission imaging (â€œSono-scintigraphyâ€) with the ultrasound contrast agent Levovist: A reproducible Doppler ultrasound effect with potential clinical utility. Academic Radiology, 1998, 5, S236-S239.	2.5	19
159	Enhancement of power Doppler signals from breast lesions with the ultrasound contrast agent EchoGen emulsion: Subjective and quantitative assessment. Academic Radiology, 1998, 5, S195-S198.	2.5	21
160	Liver vascular transit time analyzed with dynamic hepatic venography with bolus injections of an US contrast agent: early experience in seven patients with metastases.. Radiology, 1998, 209, 862-866.	7.3	96
161	Segmentation and analysis of colour Doppler images of tumour vasculature. Ultrasound in Medicine and Biology, 1995, 21, 635-647.	1.5	51