

# Helmut Ermert

## List of Publications by Year in descending order

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146  
papers

3,625  
citations

147726

31  
h-index

149623

56  
g-index

160  
all docs

160  
docs citations

160  
times ranked

2445  
citing authors

#	ARTICLE	IF	CITATIONS
1	A time-efficient and accurate strain estimation concept for ultrasonic elastography using iterative phase zero estimation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1999, 46, 1057-1067.	1.7	272
2	INITIAL EXPERIENCES WITH REAL-TIME ELASTOGRAPHY GUIDED BIOPSIES OF THE PROSTATE. Journal of Urology, 2005, 174, 115-117.	0.2	246
3	A 100-MHz ultrasound imaging system for dermatologic and ophthalmologic diagnostics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1996, 43, 545-552.	1.7	204
4	Freehand ultrasound elastography of breast lesions: clinical results. Ultrasound in Medicine and Biology, 2001, 27, 1461-1469.	0.7	189
5	Chirp signal matching and signal power optimization in pulse-echo mode ultrasonic nondestructive testing. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1994, 41, 655-659.	1.7	151
6	Ultrasound synthetic aperture imaging: monostatic approach. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1994, 41, 333-339.	1.7	129
7	Sonography of the Skin at 100 MHz Enables In Vivo Visualization of Stratum Corneum and Viable Epidermis in Palmar Skin and Psoriatic Plaques <sup>1</sup> . Journal of Investigative Dermatology, 1999, 113, 821-829.	0.3	88
8	Ultrasonic multifeature tissue characterization for prostate diagnostics. Ultrasound in Medicine and Biology, 2003, 29, 1137-1149.	0.7	85
9	A new system for the acquisition of ultrasonic multicompression strain images of the human prostate in vivo. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1999, 46, 1147-1154.	1.7	81
10	In this issue. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2007, 54, 198-210.	1.7	79
11	Contrast Agent Specific Imaging Modes for the Ultrasonic Assessment of Parenchymal Cerebral Echo Contrast Enhancement. Journal of Cerebral Blood Flow and Metabolism, 2000, 20, 1709-1716.	2.4	76
12	New real-time strain imaging concepts using diagnostic ultrasound. Physics in Medicine and Biology, 2000, 45, 1423-1435.	1.6	76
13	Schlieren visualization of ultrasonic wave fields with high spatial resolution. Ultrasonics, 2006, 44, e1561-e1566.	2.1	76
14	Development and evaluation of a high-frequency ultrasound-based system for in vivo strain imaging of the skin. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2005, 52, 375-385.	1.7	70
15	Tissue-characterization of the prostate using radio frequency ultrasonic signals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 1999, 46, 126-138.	1.7	68
16	An ultrasound research interface for a clinical system. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 1759-1771.	1.7	67
17	Ultimate signal-to-noise-ratio of surface and body antennas for magnetic resonance imaging. IEEE Transactions on Antennas and Propagation, 2000, 48, 418-428.	3.1	63
18	Contrast Burst Depletion Imaging (CODIM). Stroke, 2003, 34, 77-83.	1.0	62

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19	Segmentation of 3D intravascular ultrasonic images based on a random field model. <i>Ultrasound in Medicine and Biology</i> , 2000, 26, 297-306.	0.7	61
20	Comparison of High Frequency Ultrasound and Optical Coherence Tomography as Modalities for High Resolution and Non Invasive Skin Imaging. Vergleich von hochfrequentem Ultraschall und optischer Kohärenztomographie als Modalitäten für die hochauflösende und nichtinvasive Abbildung der Haut. <i>Biomedizinische Technik</i> , 2003, 48, 116-121.	0.9	58
21	Feasibility of Contrast-Enhanced Sonography During Resection of Cerebral Tumours: Initial Results of a Prospective Study. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 571-575.	0.7	57
22	Parameters of cerebral perfusion in phase-inversion harmonic imaging (PIHI) ultrasound examinations. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 1379-1385.	0.7	56
23	Comparison Between Echo Contrast Agent-Specific Imaging Modes and Perfusion-Weighted Magnetic Resonance Imaging for the Assessment of Brain Perfusion. <i>Stroke</i> , 2002, 33, 2433-2437.	1.0	55
24	Axial Strain Imaging Using a Local Estimation of the Scaling Factor from RF Ultrasound Signals. <i>Ultrasonic Imaging</i> , 2000, 22, 95-107.	1.4	51
25	Ultrasound elastography for the age determination of venous thrombi. <i>Thrombosis and Haemostasis</i> , 2005, 93, 368-374.	1.8	51
26	Guiding and radiation characteristics of planar waveguides. <i>IEE Journal on Microwaves, Optics and Acoustics</i> , 1979, 3, 59.	0.4	50
27	Preoperative Ultrasonic Assessment of Thin Melanocytic Skin Lesions Using a 100-MHz Ultrasound Transducer: A Comparative Study. <i>Dermatologic Surgery</i> , 2007, 33, 818-824.	0.4	45
28	Vibrography During Tumor Neurosurgery. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 985-992.	0.8	42
29	The optimum bandwidth of chirp signals in ultrasonic applications. <i>Ultrasonics</i> , 1993, 31, 417-420.	2.1	41
30	In Vivo Ultrasound Biomicroscopy of Skin: Spectral System Characteristics and Inverse Filtering Optimization. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2007, 54, 1551-1559.	1.7	38
31	Ultrasonic strain imaging and reconstructive elastography for biological tissue. <i>Ultrasonics</i> , 2006, 44, e199-e202.	2.1	37
32	Investigation of the influence of blood flow rate on large vessel cooling in hepatic radiofrequency ablation / Untersuchung des Einflusses der Blutflussgeschwindigkeit auf die Gefäßkühlung bei der Radiofrequenzablation von Lebertumoren. <i>Biomedizinische Technik</i> , 2006, 51, 337-346.	0.9	32
33	A high-frequency ultrasound imaging system combining limited-angle spatial compounding and model-based synthetic aperture focusing. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 1355-1365.	1.7	32
34	System for real-time elastography. <i>Electronics Letters</i> , 1999, 35, 941.	0.5	31
35	Limited-angle Spatial Compound Imaging of Skin with High-frequency Ultrasound (20 MHz). <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2008, 55, 1975-1983.	1.7	31
36	A Tutorial on the Use of ROC Analysis for Computer-Aided Diagnostic Systems. <i>Ultrasonic Imaging</i> , 2005, 27, 181-198.	1.4	26

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37	Lithotripsy in the Common Bile Duct Using Ultrasound. <i>Endoscopy</i> , 1984, 16, 226-228.	1.0	24
38	Electrorheological tactile elements. <i>Mechatronics</i> , 2005, 15, 883-897.	2.0	23
39	Sonohistology for the computerized differentiation of parotid gland tumors. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 1287-1296.	0.7	23
40	PALPATION IMAGING USING A HAPTIC SYSTEM FOR VIRTUAL REALITY APPLICATIONS IN MEDICINE. , 2004, 98, 147-53.		22
41	Ultrasonic Assessment of Brain Perfusion. <i>Stroke</i> , 2000, 31, 1457-1466.	1.0	21
42	Geometrical optimization of a phased array coil for high-resolution MR imaging of the carotid arteries. <i>Magnetic Resonance in Medicine</i> , 2003, 50, 439-443.	1.9	21
43	A real-time ultrasound process tomography system using a reflection-mode reconstruction technique. <i>Flow Measurement and Instrumentation</i> , 2017, 53, 107-115.	1.0	21
44	Ultrasound Computerized Tomography Using Transmission and Reflection Mode: Application to Medical Diagnosis. <i>Acoustical Imaging</i> , 1982, , 553-563.	0.2	21
45	Reconstruction of fluid motion in acoustic diffraction tomography. <i>Journal of the Acoustical Society of America</i> , 1996, 99, 3029-3035.	0.5	20
46	Ultrasonic Tissue Characterization for Prostate Diagnostics: Spectral Parameters vs. Texture Parameters. <i>Sonohistologie für die Prostatadiagnostik: Vergleich von Spektral- und Texturparametern. Biomedizinische Technik</i> , 2003, 48, 122-129.	0.9	18
47	Noncontact thermal wave imaging of subsurface structure with infrared detection. <i>Applied Physics Letters</i> , 1984, 44, 1136-1138.	1.5	16
48	An acoustic sensor system for object recognition. <i>Sensors and Actuators A: Physical</i> , 1991, 26, 541-547.	2.0	16
49	In Vivo Biomicroscopy of the Skin with High-resolution Magnetic Resonance Imaging and High Frequency Ultrasound. <i>In-vivo-Biomikroskopie der Haut mit hochauflösender Magnetresonanztomographie und hochfrequentem Ultraschall. Biomedizinische Technik</i> , 2003, 48, 130-134.	0.9	16
50	Ultrasonic microscanning. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2010, 224, 225-240.	1.0	16
51	Synthetic aperture-based beam compression for intravascular ultrasound imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2001, 48, 189-201.	1.7	13
52	Artifact reduction in non-destructive testing by means of complementary data fusion of x-ray computed tomography and ultrasonic pulse-echo testing. <i>Measurement Science and Technology</i> , 2013, 24, 125403.	1.4	12
53	Computer Aided Diagnosis of Parotid Gland Lesions Using Ultrasonic Multi-Feature Tissue Characterization. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 1525-1534.	0.7	11
54	Modification of in vitro degradation behavior of pure iron with ultrasonication treatment: Comparison of two different pseudo-physiological solutions. <i>Materials Science and Engineering C</i> , 2019, 95, 275-285.	3.8	11

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55	Real-time Detection of Vessel Diameters with Ultrasound. Echtzeiterkennung von GefÄÄÿdurchmessern mit Ultraschall. Biomedizinische Technik, 2003, 48, 141-146.	0.9	10
56	Ultrasound Computed Tomography in Breast Imaging: First Clinical Results of a Custom-Made Scanner. Ultraschall in Der Medizin, 2010, 31, 604-609.	0.8	10
57	A New High Frequency Ultrasound Skin Imaging System: Imaging Properties and Clinical in Vivo Results. Acoustical Imaging, 2007, , 137-144.	0.2	10
58	Ultrasound Spiral Computed Tomography for Differential Diagnosis of Breast Tumors Using a Conventional Ultrasound System. Acoustical Imaging, 2004, , 627-633.	0.2	10
59	In Vivo Study of Online Liver Tissue Classification Based on Envelope Power Spectrum Analysis. Ultrasonic Imaging, 1994, 16, 77-86.	1.4	9
60	9C-2 Reconstruction of Speed of Sound for a Correction of Transit Time in Full Angle Spatial Compounding. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	9
61	Three-dimensional Reconstruction of Fine Vascularity in Ultrasound Breast Imaging Using Contrast-enhanced Spatial Compounding. Academic Radiology, 2008, 15, 1155-1164.	1.3	9
62	Ultrasonic Defect Characterization in Heavy Rotor Forgings by Means of the Synthetic Aperture Focusing Technique and Optimization Methods. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 874-885.	1.7	9
63	Linear Synthetic Aperture Modes for Ultrasonic Pulse-Echo Imaging - Modifikationen der Ultraschall-Abbildung mittels linearer synthetischer Apertur im Puls-Echo-Betrieb. Biomedizinische Technik, 1997, 42, 108-115.	0.9	8
64	Assessment of Brain Perfusion with Echo Contrast Specific Imaging Modes and Optisonâ„¢. Academic Radiology, 2002, 9, S386-S388.	1.3	8
65	High Frequency Ultrasonic Imaging: System Design and Performance Optimization. Frequenz, 2005, 59, .	0.6	8
66	Full angle spatial compounding for improved replenishment analyses in contrast perfusion imaging: In vitro studies. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 819-831.	1.7	8
67	Ultrasound breast imaging using Full Angle Spatial Compounding: In-vivo results. , 2008, , .		8
68	Ultrasonographic contrast-agent imaging of sub-millimeter vessel structures with spatial compounding: <i>in vitro</i> analyses / KontrastmittelgestÄ¼tzte Ultraschallabbildung von Sub-Millimeter-GefÄÄÿstrukturen mittels Spatial Compounding: <i>In-vitro</i> Analysen. Biomedizinische Technik, 2007, 52, 274-283.	0.9	8
69	Gaussian beams in anisotropic media. Electronics Letters, 1970, 6, 720.	0.5	7
70	Thermal coupling of particulates to substrates. Applied Physics Letters, 1985, 46, 1054-1056.	1.5	7
71	Phased array pulse Doppler tomography. , 0, , .		7
72	Cross-flow visualization by acoustic CT measurements. Ultrasonics, 1996, 34, 517-522.	2.1	7

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73	Bone registration with 3D CT and ultrasound data sets. International Congress Series, 2003, 1256, 426-432.	0.2	7
74	4C-4 A New Designed Schlieren System for the Visualization of Ultrasonic Pulsed Wave Fields with High Spatial and Temporal Resolution. , 2006, , .		7
75	Simulation of full-angle ultrasound process tomography with two-phase media using a ray-tracing technique. , 2014, , .		7
76	Sonographic detection of magnetic nanoparticles for Magnetic Drug Targeting using coded magnetic fields. , 2016, , .		7
77	Quantitative Determination of Local Density of Iron Oxide Nanoparticles Used for Drug Targeting Employing Inverse Magnetomotive Ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2482-2495.	1.7	7
78	A Comparison of Broadband Holographic and Tomographic Imaging Concepts. Acoustical Imaging, 1991, , 381-390.	0.2	7
79	Strain Imaging with Intravascular Ultrasound Array Scanners: Validation with Phantom Experiments. Dehnungsabbildung mit intravaskulären Ultraschall-Arraywandlern: Validierung anhand von Phantomexperimenten. Biomedizinische Technik, 2003, 48, 135-140.	0.9	6
80	Ultrasonic imaging of sheet metal forming. Ultrasonics, 2004, 42, 989-992.	2.1	6
81	In vivo evaluation and in vitro accuracy measurements for an ultrasound-CT registration algorithm. International Congress Series, 2005, 1281, 583-588.	0.2	6
82	11B-3 A Unified Transmission/Reflection Acoustic Tomography Scheme for Small Animal Tissue Characterization. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	6
83	3D small animal imaging with high-frequency ultrasound (20 MHz) using limited-angle spatial compounding. , 2008, , .		6
84	An ultrasound tomography system with polyvinyl alcohol (PVA) moldings for coupling: in vivo results for 3-D pulse-echo imaging of the female breast. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 266-279.	1.7	6
85	Transfer function analysis of a quasioptical ultrasonic imaging system. Ultrasonic Imaging, 1984, 6, 324-341.	1.4	5
86	A synthetic aperture ultrasonic imaging method: experiment. , 0, , .		5
87	<title>High-frequency ultrasonic imaging and its applications in skin</title>. , 1999, , .		5
88	Technologies for haptic displays in teleoperation. Industrial Robot, 2003, 30, 525-530.	1.2	5
89	A NEW ER FLUID BASED HAPTIC ACTUATOR SYSTEM FOR VIRTUAL REALITY. International Journal of Modern Physics B, 2005, 19, 1628-1634.	1.0	4
90	Parametric imaging of specular reflections and diffuse scattering of tissue from multi-directional ultrasound echo signal data. , 2008, , .		4

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91	A method to expedite data acquisition for multiple spatial-temporal analyses of tissue perfusion by contrast-enhanced ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 507-519.	1.7	4
92	Determination of a mean sound velocity in the female breast for artifact reduction in Full Angle Spatial Compounding. , 2009, , .		4
93	Ultrasonic defect detection in multi-material, axis-symmetric devices with an improved synthetic aperture focusing technique (SAFT). , 2012, , .		4
94	Color-Coded Tissue Characterization Images of the Prostate. Acoustical Imaging, 1996, , 359-364.	0.2	4
95	Analysis of vacuum microelectronic components by the use of special finite elements. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1996, 14, 2100.	1.6	3
96	A Method for Detecting Echoes from Microbubble Contrast Agents Based on Time Variance. , 2002, , 287-294.		3
97	A New Haptic Sensor Actuator System for Virtual Reality Applications in Medicine. Lecture Notes in Computer Science, 2003, , 132-140.	1.0	3
98	Vibrography: First Experimental Results in Swine Brains. Minimally Invasive Neurosurgery, 2004, 47, 79-85.	0.9	3
99	P1C-1 Evaluation of Material Parameters of PVA Phantoms for Reconstructive Ultrasound Elastography. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	3
100	P5B-1 A Fast Method for Data Acquisition in Contrast Replenishment Analyses. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	3
101	Ultrasonic Two-Port Measurements for the Reconstruction of Layered Media Properties. Frequenz, 2009, 63, .	0.6	3
102	Refraction and time of flight corrections in 3D ultrasound computed tomography. , 2010, , .		3
103	Measurement and multivariate analysis of ultrasound parameters for quantitative characterization of liquids. , 2012, , .		3
104	Simulation and evaluation of fan-shaped beam ultrasound transducers for multiphase flow process tomography. , 2013, , .		3
105	Sonographic detection of magnetic nanoparticles for Magnetic Drug Targeting in weak echogenic tissue. , 2015, , .		3
106	A Novel Approach for Ultrasonic Imaging of Sheet Contours for Hydroforming. Acoustical Imaging, 2004, , 17-23.	0.2	3
107	Numerical Ray-Tracing in Full Angle Spatial Compounding. Acoustical Imaging, 2012, , 103-113.	0.2	3
108	Characterization of field emitter structures by means of modeling electron trajectories in vacuum. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1995, 13, 545.	1.6	2

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109	Systemtheoretische Analyse des Ultraschallkontrastmittels Levovist. Biomedizinische Technik, 1995, 40, 271-272.	0.9	2
110	Trends in Time Series of Parameters from Ultrasonic Images Due to Metabolic Activities of the Human Liver. , 2005, , 445-449.		2
111	4C-3 Limited-Angle Spatial Compound Imaging of Skin with High-Frequency Ultrasound (20 MHz). Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	2
112	2D transmission imaging with a crossed-array configuration for defect detection. , 2012, , .		2
113	Ultrasonic imaging of a turbine blade model using a 360° synthetic-aperture-focusing-technique and reverberation suppression. , 2013, , .		2
114	Investigation of the Synthetic Aperture Focusing Technique resolution for heavy rotor forging ultrasonic inspection. , 2013, , .		2
115	Classification of Thermally Ablated Tissue Using Diagnostic Ultrasound. Acoustical Imaging, 2007, , 295-300.	0.2	2
116	1800: Ultrasonic Multifeature Tissue Characterization for Prostate Cancer Diagnostics. Journal of Urology, 2004, 171, 476-476.	0.2	2
117	High-Resolution Sonography of the Epidermis In Vivo. , 2006, , 245-255.		2
118	In vivo study of on-line liver tissue classification based on envelope power spectrum analysis. , 0, , .		1
119	Piezoelectric generation of variable focussed shock waves. , 0, , .		1
120	Adaptive Wiener filtering for B-mode image improvement. , 0, , .		1
121	Contour tracking of specularly reflecting surfaces. Ultrasonics, 2006, 44, e1089-e1092.	2.1	1
122	P3D-1 An Analysis of Refraction Artifacts in Time-of-Flight Tomography Regarding their Impact on Image Definition and Contrast Resolution. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	1
123	7C-4 A Novel Approach to Assess the Stiffness of Vessels by Means of Pulse Wave Analysis in Transcutaneous Ultrasound. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	1
124	6C-2 Differential Diagnosis of Parotid Gland Lesions Using Spatially Fused Sonohistologic Features. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	1
125	Quantitative analysis of liquids and emulsions by means of high-frequency ultrasound (15&#x2013;35 MHz). , 2011, , .		1
126	In-vivo results for rheumatoid arthritis diagnosis with a 360&#x00B0; pulse-echo imaging system. , 2012, , .		1

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127	A new 3D-tomographic ultrasound imaging concept for breast cancer and rheumatoid arthritis diagnostics avoiding water bath techniques. , 2013, , .		1
128	3D-pulse-echo-tomography for breast cancer and rheumatoid arthritis diagnosis " add-on-system and latest in-vivo-results. , 2016, , .		1
129	An Enhanced Magnetomotive Ultrasound Algorithm to Quantitatively Estimate the Concentration of Iron-Oxide Nanoparticles in Perfused Tissue for Magnetic Drug Targeting. , 2019, , .		1
130	Comparison of Plane Wave Decomposition and Ray-Tracing in Simulation of B-Mode Imaging in Layered Media. Acoustical Imaging, 1996, , 57-62.	0.2	1
131	Real Time Neuronavigation Using 3-D Ultrasound and MRI in Patients with Brain Tumor. , 2007, , 59-63.		1
132	Non-linear signal processing for high-resolution acoustical imaging. Ultrasonic Imaging, 1980, 2, 191.	1.4	0
133	Analyse der TE <sub>0</sub> nm -Schwingungen geschirmter dielektrischer Zylinder mit der Methode der finiten Elemente. Archiv Fuer Elektrotechnik, 1991, 74, 213-217.	0.1	0
134	Ultraschall in der Medizin. Biomedizinische Technik, 1997, 42, 106-107.	0.9	0
135	Evaluation of intracoronary pressure and blood flow velocity for the assessment of coronary stenoses severity. , 2003, , .		0
136	A Nonuniform Sampling Approach For Fast Ultrasonic Flow Imaging. Nicht-Äquidistante Abtastung zur schnellen Ultraschall-FluÄbbildung. Biomedizinische Technik, 2003, 48, 147-151.	0.9	0
137	3D Geometry Detection by Sparse Ultrasonic Transducer Arrays for Sheet Metal Hydroforming. Steel Research International, 2005, 76, 874-878.	1.0	0
138	P5D-6 Displacement Estimators Using Angular Insonifications for Reconstructive Elastography. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	0
139	P2C-1 A Training Station to Facilitate Transcranial Ultrasound Imaging. Proceedings IEEE Ultrasonics Symposium, 2007, , .	0.0	0
140	A Tribute to Peter N. T. Wells, Emeritus Editor of Ultrasound in Medicine and Biology. Ultrasound in Medicine and Biology, 2007, 33, 1676-1678.	0.7	0
141	A correction scheme for refraction and time-of-flight artifacts in limited-angle spatial compound imaging with high-frequency ultrasound. , 2008, , .		0
142	New Development of an Ultrasound Transmission Camera. Acoustical Imaging, 2002, , 397-404.	0.2	0
143	Ultrasound Based Methods for Monitoring of Thermal Therapies. Acoustical Imaging, 2004, , 643-649.	0.2	0
144	Entwicklung eines haptischen Sensor-Aktor-Systems fÄ¼r Anwendungen in der virtuellen RealitÄt. , 2005, , 237-241.		0

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145	Beurteilung der Hirnperfusion bei Schlaganfallpatienten durch Auswertung von Kontrastmittel-Ultraschall-Bildserien. , 2005, , 415-419.		0
146	Ultrasonic Strain Imaging and Reconstructive Elastography for Biological Tissue. , 2008, , 103-132.		0