

Michael Bachmann Nielsen

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

7,258
citations

76196
40
h-index

76769
74
g-index

254
all docs

254
docs citations

254
times ranked

6667
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure Difference Estimation in Non-stenotic Carotid Bifurcation Phantoms Using Vector Flow Imaging. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 346-357.	0.7	2
2	Ultrasound super-resolution imaging with a hierarchical Kalman tracker. <i>Ultrasonics</i> , 2022, 122, 106695.	2.1	18
3	Ensuring competence in ultrasound-guided procedures—a validity study of a newly developed assessment tool. <i>European Radiology</i> , 2022, 32, 4954-4966.	2.3	3
4	Microbubble tracking with a forward-backward strategy. , 2022, , .		5
5	Super-Resolution Ultrasound Imaging Can Quantify Alterations in Microbubble Velocities in the Renal Vasculature of Rats. <i>Diagnostics</i> , 2022, 12, 1111.	1.3	6
6	Causes and Risk Factors of Pediatric Spontaneous Intracranial Hemorrhage—A Systematic Review. <i>Diagnostics</i> , 2022, 12, 1459.	1.3	8
7	Anatomic and Functional Imaging Using Row—Column Arrays. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 2722-2738.	1.7	21
8	Super-Resolution Ultrasound Imaging Provides Quantification of the Renal Cortical and Medullary Vasculature in Obese Zucker Rats: A Pilot Study. <i>Diagnostics</i> , 2022, 12, 1626.	1.3	5
9	Consensus on technical procedures in radiology to include in simulation-based training for residents: a European-wide needs assessment. <i>European Radiology</i> , 2021, 31, 171-180.	2.3	11
10	Evaluation of competence in ultrasound-guided procedures—a generic assessment tool developed through the Delphi method. <i>European Radiology</i> , 2021, 31, 4203-4211.	2.3	9
11	Visualizing Glioma Infiltration by the Combination of Multimodality Imaging and Artificial Intelligence, a Systematic Review of the Literature. <i>Diagnostics</i> , 2021, 11, 592.	1.3	11
12	Four-Dimensional Flow MRI of Abdominal Veins: A Systematic Review. <i>Diagnostics</i> , 2021, 11, 767.	1.3	3
13	Simulation-based training in ultrasound — where are we now?. <i>Ultraschall in Der Medizin</i> , 2021, 42, 240-244.	0.8	3
14	Common Carotid Artery Volume Flow: A Comparison Study between Ultrasound Vector Flow Imaging and Phase Contrast Magnetic Resonance Imaging. <i>Neurology International</i> , 2021, 13, 269-278.	1.3	7
15	Validity of negative bone biopsy in suspicious bone lesions. <i>Acta Radiologica Open</i> , 2021, 10, 205846012110306.	0.3	5
16	Surgically Induced Contrast Enhancements on Intraoperative and Early Postoperative MRI Following High-Grade Glioma Surgery: A Systematic Review. <i>Diagnostics</i> , 2021, 11, 1344.	1.3	9
17	Current Status of Trans-Arterial Embolization in Pain Management of Musculoskeletal Inflammatory Conditions — An Evidence-Based Review. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 1699-1708.	0.9	9
18	<i>In Vivo</i> Motion Correction in Super-Resolution Imaging of Rat Kidneys. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 3082-3093.	1.7	24

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19	Automatic Classification of Arterial and Venous Flow in Super-resolution Ultrasound Images of Rat Kidneys. , 2021, , .		3
20	The Added Effect of Artificial Intelligence on Physiciansâ€™ Performance in Detecting Thoracic Pathologies on CT and Chest X-ray: A Systematic Review. Diagnostics, 2021, 11, 2206.	1.3	18
21	Highlights of the development in ultrasound during the last 70 years: A historical review. Acta Radiologica, 2021, 62, 1499-1514.	0.5	13
22	Transthoracic Vector Flow Imaging in Pediatric Patients with Valvular Stenosis â€“ A Proof of Concept Study. Ultrasound International Open, 2021, 07, E48-E54.	0.3	0
23	Evaluation of 2D super-resolution ultrasound imaging of the rat renal vasculature using ex vivo micro-computed tomography. Scientific Reports, 2021, 11, 24335.	1.6	11
24	Vector Flow Imaging of the Ascending Aorta in Patients with Tricuspid and Bicuspid Aortic Valve Stenosis Treated with Biological and Mechanical Implants. Ultrasound in Medicine and Biology, 2020, 46, 64-72.	0.7	4
25	Gastrointestinal Applications of Iodine Quantification Using Dual-Energy CT: A Systematic Review. Diagnostics, 2020, 10, 814.	1.3	12
26	Flow Complexity Estimation in Dysfunctional Arteriovenous Dialysis Fistulas using Vector Flow Imaging. Ultrasound in Medicine and Biology, 2020, 46, 2493-2504.	0.7	4
27	Super-Resolution Imaging with Ultrasound for Visualization of the Renal Microvasculature in Rats Before and After Renal Ischemia: A Pilot Study. Diagnostics, 2020, 10, 862.	1.3	18
28	Ultrasound Curricula of Student Education in Europe: Summary of the Experience. Ultrasound International Open, 2020, 06, E25-E33.	0.3	25
29	Postembolization Syndrome after Prostatic Artery Embolization: A Systematic Review. Diagnostics, 2020, 10, 659.	1.3	16
30	Impact of adding breast density to breast cancer risk models: A systematic review. European Journal of Radiology, 2020, 127, 109019.	1.2	33
31	Can Strain Elastography Predict Malignancy of Soft Tissue Tumors in a Tertiary Sarcoma Center?. Diagnostics, 2020, 10, 148.	1.3	8
32	Carotid Stenosis Assessment with Vector Concentration before and after Stenting. Diagnostics, 2020, 10, 420.	1.3	6
33	Endovascular aortic repair reduces gluteal oxygenation. Acta Radiologica Open, 2019, 8, 205846011985011.	0.3	2
34	Hand-Held Ultrasound Devices Compared with High-End Ultrasound Systems: A Systematic Review. Diagnostics, 2019, 9, 61.	1.3	67
35	Simulation-Based Training of Ultrasound-Guided Procedures in Radiology â€“ A Systematic Review. Ultraschall in Der Medizin, 2019, 40, 584-602.	0.8	14
36	Four Virtual-Reality Simulators for Diagnostic Abdominal Ultrasound Training in Radiology. Diagnostics, 2019, 9, 50.	1.3	16

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37	Vector Flow Imaging Compared with Digital Subtraction Angiography for Stenosis Assessment in the Superficial Femoral Artery – A Study of Vector Concentration, Velocity Ratio and Stenosis Degree Percentage. Ultrasound International Open, 2019, 05, E53-E59.	0.3	22
38	Automatic Pulmonary Nodule Detection Applying Deep Learning or Machine Learning Algorithms to the LIDC-IDRI Database: A Systematic Review. Diagnostics, 2019, 9, 29.	1.3	69
39	Pressure Difference Estimation in Carotid Bulbs using Vector Flow Imaging - A Phantom Study. , 2019, , .		0
40	Vector Concentration used for Stenosis Assessment in the Carotid Artery before and after Carotid Stenting. , 2019, , .		0
41	Tissue Motion Estimation and Correction in Super Resolution Imaging. , 2019, , .		8
42	Super-Resolution Ultrasound Imaging of Rat Kidneys before and after Ischemia-Reperfusion. , 2019, , .		13
43	History and Latest Advances in Flow Estimation Technology: From 1-D in 2-D to 3-D in 4-D. , 2019, , .		5
44	The Performance of Deep Learning Algorithms on Automatic Pulmonary Nodule Detection and Classification Tested on Different Datasets That Are Not Derived from LIDC-IDRI: A Systematic Review. Diagnostics, 2019, 9, 207.	1.3	44
45	Elastography in Breast Imaging. Ultraschall in Der Medizin, 2019, 40, 688-691.	0.8	9
46	Pediatric Transthoracic Cardiac Vector Flow Imaging – A Preliminary Pictorial Study. Ultrasound International Open, 2019, 05, E20-E26.	0.3	14
47	The Use of Handheld Ultrasound Devices – An EFSUMB Position Paper. Ultraschall in Der Medizin, 2019, 40, 30-39.	0.8	51
48	Non-Invasive Assessment of Intravascular Pressure Gradients: A Review of Current and Proposed Novel Methods. Diagnostics, 2019, 9, 5.	1.3	9
49	Simulator training improves ultrasound scanning performance on patients: a randomized controlled trial. European Radiology, 2019, 29, 3210-3218.	2.3	32
50	Portable Vector Flow Imaging Compared With Spectral Doppler Ultrasonography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 453-462.	1.7	2
51	The efficacy of using computer-aided detection (CAD) for detection of breast cancer in mammography screening: a systematic review. Acta Radiologica, 2019, 60, 13-18.	0.5	81
52	Noninvasive Estimation of Pressure Changes Using 2-D Vector Velocity Ultrasound: An Experimental Study With <i>In Vivo</i> Examples. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 709-719.	1.7	23
53	Determining procedures for simulation-based training in radiology: a nationwide needs assessment. European Radiology, 2018, 28, 2319-2327.	2.3	25
54	How to perform Contrast-Enhanced Ultrasound (CEUS). Ultrasound International Open, 2018, 04, E2-E15.	0.3	222

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55	Standardised assessment of competence in Focused Assessment with Sonography for Trauma. Acta Anaesthesiologica Scandinavica, 2018, 62, 1154-1160.	0.7	13
56	Accuracy and Precision of a Plane Wave Vector Flow Imaging Method in the Healthy Carotid Artery. Ultrasound in Medicine and Biology, 2018, 44, 1727-1741.	0.7	13
57	Vector Flow Imaging Compared with Pulse Wave Doppler for Estimation of Peak Velocity in the Portal Vein. Ultrasound in Medicine and Biology, 2018, 44, 593-601.	0.7	14
58	Development of a reliable simulation-based test for diagnostic abdominal ultrasound with a pass/fail standard usable for mastery learning. European Radiology, 2018, 28, 51-57.	2.3	19
59	Flow Changes After Biological and Mechanical Aortic Valve Implantation Measured with VFI. , 2018, , .		0
60	Evaluation of Peak Reflux Velocities with Vector Flow Imaging and Spectral Doppler Ultrasound in Varicose Veins. Ultrasound International Open, 2018, 04, E91-E98.	0.3	5
61	Atherosclerotic Lesions in the Superficial Femoral Artery (SFA) Characterized with Velocity Ratios using Vector Velocity Ultrasound. Ultrasound International Open, 2018, 04, E79-E84.	0.3	1
62	Real-Time 2-D Phased Array Vector Flow Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 1205-1213.	1.7	4
63	A Comparison Study of Vector Velocity, Spectral Doppler and Magnetic Resonance of Blood Flow in the Common Carotid Artery. Ultrasound in Medicine and Biology, 2018, 44, 1751-1761.	0.7	25
64	Respiratory variability of peak velocities in the common femoral vein estimated with vector flow imaging and Doppler ultrasound. Ultrasound in Medicine and Biology, 2018, 44, 1941-1950.	0.7	3
65	Machine learning and deep learning applied in ultrasound. Ultraschall in Der Medizin, 2018, 39, 379-381.	0.8	20
66	Vector Flow Imaging Compared with Conventional Doppler Ultrasound and Thermodilution for Estimation of Blood Flow in the Ascending Aorta. Ultrasonic Imaging, 2017, 39, 3-18.	1.4	20
67	Ultrasonic 3-D Vector Flow Method for Quantitative <i>In Vivo</i> Peak Velocity and Flow Rate Estimation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 544-554.	1.7	35
68	Fast Plane Wave 2-D Vector Flow Imaging Using Transverse Oscillation and Directional Beamforming. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1050-1062.	1.7	33
69	Aortic Valve Stenosis Increases Helical Flow and Flow Complexity: A Study of Intra-Operative Cardiac Vector Flow Imaging. Ultrasound in Medicine and Biology, 2017, 43, 1607-1617.	0.7	38
70	Update on the role of ultrasound guided radiofrequency ablation for thyroid nodule treatment. International Journal of Surgery, 2017, 41, S82-S93.	1.1	35
71	Comment on The 100 Most-Cited Articles Focused on Ultrasound Imaging: A Bibliometric Analysis. Ultraschall in Der Medizin, 2017, 38, 310-310.	0.8	0
72	Risk stratification of women with false-positive test results in mammography screening based on mammographic morphology and density: A case control study. Cancer Epidemiology, 2017, 49, 53-60.	0.8	9

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73	Vector velocity estimation of blood flow – A new application in medical ultrasound. Ultrasound, 2017, 25, 189-199.	0.3	23
74	A Methodology for Anatomic Ultrasound Image Diagnostic Quality Assessment. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 206-217.	1.7	6
75	Vector and Doppler Ultrasound Velocities Evaluated in a Flow Phantom and the Femoropopliteal Vein. Ultrasound in Medicine and Biology, 2017, 43, 2477-2487.	0.7	6
76	Common Carotid Artery Flow Measured by 3-D Ultrasonic Vector Flow Imaging and Validated with Magnetic Resonance Imaging. Ultrasound in Medicine and Biology, 2017, 43, 2213-2220.	0.7	31
77	Multiparametric Ultrasound of Thyroid Nodules: Where Do We Stand?. Ultraschall in Der Medizin, 2017, 38, 357-359.	0.8	5
78	Inter- and intra-rater agreement in the assessment of the vascularity of spinal metastases using digital subtraction angiography tumor blush. Acta Radiologica, 2017, 58, 734-739.	0.5	2
79	Looking back at EUROSON 2016 in Leipzig, Germany: which topics were popular?. Ultraschall in Der Medizin, 2017, 38, e48-e50.	0.8	0
80	Accuracy and precision of plane wave vector flow imaging for laminar and complex flow in vivo. , 2017, , .		1
81	A Vector Flow Imaging Method for Portable Ultrasound Using Synthetic Aperture Sequential Beamforming. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1655-1665.	1.7	17
82	Energy based clutter filtering for vector flow imaging. , 2017, , .		4
83	Accuracy and precision study of plane wave vector flow imaging for laminar and complex flow in vivo. , 2017, , .		0
84	Dynamic Contrast-Enhanced Ultrasound of Colorectal Liver Metastases as an Imaging Modality for Early Response Prediction to Chemotherapy. Diagnostics, 2017, 7, 35.	1.3	10
85	High-frame-rate imaging of a carotid bifurcation using a low-complexity velocity estimation approach. , 2017, , .		0
86	Energy based clutter filtering for vector flow imaging. , 2017, , .		3
87	High-frame-rate imaging of a carotid bifurcation using a low-complexity velocity estimation approach. , 2017, , .		1
88	Strain histograms are equal to strain ratios in predicting malignancy in breast tumours. PLoS ONE, 2017, 12, e0186230.	1.1	9
89	Ultrasonography of the Kidney: A Pictorial Review. Diagnostics, 2016, 6, 2.	1.3	44
90	Interobserver and Intraobserver Reproducibility with Volume Dynamic Contrast Enhanced Computed Tomography (DCE-CT) in Gastroesophageal Junction Cancer. Diagnostics, 2016, 6, 8.	1.3	2

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91	Assessing Tumor Response to Treatment in Patients with Lung Cancer Using Dynamic Contrast-Enhanced CT. <i>Diagnostics</i> , 2016, 6, 28.	1.3	6
92	Dynamic Contrast-Enhanced CT in Patients with Pancreatic Cancer. <i>Diagnostics</i> , 2016, 6, 34.	1.3	7
93	Surveillance for Hemodialysis Access Stenosis: Usefulness of Ultrasound Vector Volume Flow. <i>Journal of Vascular Access</i> , 2016, 17, 483-488.	0.5	19
94	Ultrasound Elastography Is Useful for Evaluation of Liver Fibrosis in Childrenâ€”A Systematic Review. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 389-399.	0.9	35
95	Novel automatic detection of pleura and B-lines (comet-tail artifacts) on in vivo lung ultrasound scans. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
96	Ultrasound Vascular Elastography as a Tool for Assessing Atherosclerotic Plaques â€“ A Systematic Literature Review. <i>Ultrasound International Open</i> , 2016, 02, E106-E112.	0.3	16
97	In vivo high frame rate vector flow imaging using plane waves and directional beamforming. , 2016, , .		3
98	Analysis of Systolic Backflow and Secondary Helical Blood Flow in the Ascending Aorta Using Vector Flow Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 899-908.	0.7	25
99	Major femoral vascular access complications after coronary diagnostic and interventional procedures: A Danish register study. <i>International Journal of Cardiology</i> , 2016, 202, 604-608.	0.8	50
100	Accurate Angle Estimator for High-Frame-Rate 2-D Vector Flow Imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2016, 63, 842-853.	1.7	32
101	Vector velocity volume flow estimation: Sources of error and corrections applied for arteriovenous fistulas. <i>Ultrasonics</i> , 2016, 70, 136-146.	2.1	20
102	EFSUMB Statement on Medical Student Education in Ultrasound [long version]. <i>Ultrasound International Open</i> , 2016, 02, E2-E7.	0.3	55
103	Simulation-Based Abdominal Ultrasound Training â€“ A Systematic Review. <i>Ultraschall in Der Medizin</i> , 2016, 37, 253-261.	0.8	24
104	Frequency and Effect of Access-Related Vascular Injury and Subsequent Vascular Intervention After Transcatheter Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2016, 118, 1244-1250.	0.7	36
105	Mammographic density and structural features can individually and jointly contribute to breast cancer risk assessment in mammography screening: a caseâ€“control study. <i>BMC Cancer</i> , 2016, 16, 414.	1.1	34
106	Impact Factors and Prediction of Popular Topics in a Journal. <i>Ultraschall in Der Medizin</i> , 2016, 37, 343-345.	0.8	24
107	Intra-Operative Vector Flow Imaging Using Ultrasound of the Ascending Aorta among 40 Patients with Normal, Stenotic and Replaced Aortic Valves. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2414-2422.	0.7	32
108	Blood flow velocity in the popliteal vein using transverse oscillation ultrasound. , 2016, , .		0

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109	Hybrid segmentation of vessels and automated flow measures in in-vivo ultrasound imaging. , 2016, , .		4
110	Evaluation of healthy muscle tissue by strain and shear wave elastography – Dependency on depth and ROI position in relation to underlying bone. Ultrasonics, 2016, 71, 127-133.	2.1	69
111	High frame rate synthetic aperture vector flow imaging for transthoracic echocardiography. , 2016, , .		3
112	EFSUMB statement on medical student education inÂultrasound [short version]. Ultraschall in Der Medizin, 2016, 37, 100-102.	0.8	38
113	How to diagnose acute appendicitis: ultrasound first. Insights Into Imaging, 2016, 7, 255-263.	1.6	128
114	EFSUMB Guidelines on Interventional Ultrasound (INVUS), Part I. Ultraschall in Der Medizin, 2015, 36, E3-E16.	0.8	41
115	Vector flow imaging of the ascending aorta. , 2015, , .		0
116	In vivo 3-D vector velocity estimation with continuous data. , 2015, , .		7
117	Advanced automated gain adjustments for in-vivo ultrasound imaging. , 2015, , .		0
118	Velocity estimation of the main portal vein with Transverse Oscillation. , 2015, , .		4
119	EFSUMB Guidelines on Interventional Ultrasound (INVUS), Part I. Ultraschall in Der Medizin, 2015, 36, 464-472.	0.8	69
120	Surveillance of hemodialysis vascular access with ultrasound vector flow imaging. , 2015, , .		0
121	Transverse oscillation vector flow imaging for transthoracic echocardiography. , 2015, , .		1
122	Automated hierarchical time gain compensation for<i>in-vivo</i>ultrasound imaging. Proceedings of SPIE, 2015, , .	0.8	2
123	Convex array vector velocity imaging using transverse oscillation and its optimization. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 2043-2053.	1.7	20
124	Preoperative Embolization in Surgical Treatment of Spinal Metastases: Single-Blind, Randomized Controlled Clinical Trial of Efficacy in Decreasing Intraoperative Blood Loss. Journal of Vascular and Interventional Radiology, 2015, 26, 402-412.e1.	0.2	57
125	The Copenhagen Standardised MRI protocol to assess the pubic symphysis and adductor regions of athletes: outline and intratester and intertester reliability. British Journal of Sports Medicine, 2015, 49, 692-699.	3.1	24
126	Clinical Evaluation of Synthetic Aperture Harmonic Imaging for Scanning Focal Malignant Liver Lesions. Ultrasound in Medicine and Biology, 2015, 41, 2368-2375.	0.7	4

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127	Inter-observer agreement according to three methods of evaluating mammographic density and parenchymal pattern in a case control study: impact on relative risk of breast cancer. BMC Cancer, 2015, 15, 274.	1.1	27
128	A Comparative Study of Strain and Shear-Wave Elastography in an Elasticity Phantom. American Journal of Roentgenology, 2015, 204, W236-W242.	1.0	53
129	Ultrasound in Pre-Graduate Medical Education. Ultraschall in Der Medizin, 2015, 36, 213-215.	0.8	12
130	Strain Elastography for Prediction of Malignancy in Soft Tissue Tumours – Preliminary Results. Ultraschall in Der Medizin, 2015, 36, 369-374.	0.8	20
131	Imaging patients with renal colic – consider ultrasound first. Insights Into Imaging, 2015, 6, 441-447.	1.6	34
132	Ultrasound Elastography in Breast Cancer Diagnosis. Ultraschall in Der Medizin, 2015, 36, 550-565.	0.8	43
133	MRI findings in soccer players with long-standing adductor-related groin pain and asymptomatic controls. British Journal of Sports Medicine, 2015, 49, 681-691.	3.1	54
134	First report on intraoperative vector flow imaging of the heart among patients with healthy and diseased aortic valves. Ultrasonics, 2015, 56, 243-250.	2.1	29
135	Accuracy of Visual Scoring and Semi-Quantification of Ultrasound Strain Elastography – A Phantom Study. PLoS ONE, 2014, 9, e88699.	1.1	24
136	Staging of Cervical Lymph Nodes in Oral Squamous Cell Carcinoma: Adding Ultrasound in Clinically Lymph Node Negative Patients May Improve Diagnostic Work-Up. PLoS ONE, 2014, 9, e90360.	1.1	26
137	Computed Tomography (CT) Perfusion as an Early Predictive Marker for Treatment Response to Neoadjuvant Chemotherapy in Gastroesophageal Junction Cancer and Gastric Cancer - A Prospective Study. PLoS ONE, 2014, 9, e97605.	1.1	38
138	In-vivo convex array vector flow imaging. , 2014, , .		5
139	3-D velocity estimation for two planes in vivo. , 2014, , .		4
140	Virtual-reality Simulation-based Training in Ultrasound. Ultraschall in Der Medizin, 2014, 35, 95-97.	0.8	30
141	In-vivo synthetic aperture and plane wave high frame rate cardiac imaging. , 2014, , .		3
142	Does bony hip morphology affect the outcome of treatment for patients with adductor-related groin pain? Outcome 10 years after baseline assessment. British Journal of Sports Medicine, 2014, 48, 1240-1244.	3.1	22
143	Clinical Evaluation of Synthetic Aperture Sequential Beamforming Ultrasound in Patients with Liver Tumors. Ultrasound in Medicine and Biology, 2014, 40, 2805-2810.	0.7	11
144	Clinical evaluation of Synthetic Aperture Sequential Beamforming and Tissue Harmonic Imaging. , 2014, , .		0

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145	Accuracy and sources of error for an angle independent volume flow estimator. , 2014, , .		5
146	Novel Flow Quantification of the Carotid Bulb and the Common Carotid Artery with Vector Flow Ultrasound. Ultrasound in Medicine and Biology, 2014, 40, 2700-2706.	0.7	44
147	Volume Flow in Arteriovenous Fistulas Using Vector Velocity Ultrasound. Ultrasound in Medicine and Biology, 2014, 40, 2707-2714.	0.7	40
148	The Diagnostic and Prognostic Value of Ultrasonography in Soccer Players With Acute Hamstring Injuries. American Journal of Sports Medicine, 2014, 42, 399-404.	1.9	62
149	Eccentric and Isometric Hip Adduction Strength in Male Soccer Players With and Without Adductor-Related Groin Pain. Orthopaedic Journal of Sports Medicine, 2014, 2, 232596711452177.	0.8	78
150	Perioperative blood transfusion does not decrease survival after surgical treatment of spinal metastases. European Spine Journal, 2014, 23, 1791-1796.	1.0	15
151	The hydrostatic pressure indifference point underestimates orthostatic redistribution of blood in humans. Journal of Applied Physiology, 2014, 116, 730-735.	1.2	17
152	Clinical recovery of two hip adductor longus ruptures: a case-report of a soccer player. BMC Research Notes, 2013, 6, 205.	0.6	16
153	Nodal yield in selective neck dissection. Acta Oto-Laryngologica, 2013, 133, 965-971.	0.3	20
154	Vector volume flow in arteriovenous fistulas. , 2013, , .		1
155	Hypercoagulability in relation to coronary artery bypass graft patency and clinical outcome. Scandinavian Cardiovascular Journal, 2013, 47, 104-108.	0.4	12
156	Real-Time Image Fusion Involving Diagnostic Ultrasound. American Journal of Roentgenology, 2013, 200, W249-W255.	1.0	102
157	Contrast-Enhanced Ultrasound in Renal Transplants: Applications and Future Directions. Ultraschall in Der Medizin, 2013, 34, 319-321.	0.8	22
158	Strain Elastography Ultrasound: An Overview with Emphasis on Breast Cancer Diagnosis. Diagnostics, 2013, 3, 117-125.	1.3	50
159	Intraoperative Cardiac Ultrasound Examination Using Vector Flow Imaging. Ultrasonic Imaging, 2013, 35, 318-332.	1.4	31
160	Preliminary study of synthetic aperture tissue harmonic imaging on in-vivo data. , 2013, , .		5
161	Computed Tomography (CT) Perfusion in Abdominal Cancer: Technical Aspects. Diagnostics, 2013, 3, 261-270.	1.3	11
162	Radiological findings in symphyseal and adductor-related groin pain in athletes: a critical review of the literature. British Journal of Sports Medicine, 2013, 47, 611-619.	3.1	71

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163	In vivo three-dimensional velocity vector imaging and volumetric flow rate measurements. , 2013, , .		1
164	Intraoperative vector flow imaging of the heart. , 2013, , .		0
165	Non-invasive measurement of pressure gradients in pulsatile flow using ultrasound. , 2013, , .		0
166	New developments in vector velocity imaging using the transverse oscillation approach. Proceedings of SPIE, 2013, , .	0.8	4
167	Contrast enhanced ultrasound of sentinel lymph nodes. , 2013, 13, 73-81.		16
168	Radiological imaging of the neck for initial decision-making in oral squamous cell carcinomasâ€”A questionnaire survey in the Nordic countries. Acta OncolÃ³gica, 2012, 51, 355-361.	0.8	14
169	Radiological patterns of primary graft dysfunction after lung transplantation evaluated by 64-multi-slice computed tomography: a descriptive study. Interactive Cardiovascular and Thoracic Surgery, 2012, 14, 785-791.	0.5	13
170	The EFSUMB Guidelines and Recommendations on the Clinical Practice of Contrast Enhanced Ultrasound (CEUS): Update 2011 on non-hepatic applications. Ultraschall in Der Medizin, 2012, 33, 33-59.	0.8	922
171	The EFSUMB Guidelines on the Non-Hepatic Clinical Applications of Contrast Enhanced Ultrasound (CEUS): a New Dawn for the Escalating Use of This Ubiquitous Technique. Ultraschall in Der Medizin, 2012, 33, 5-7.	0.8	46
172	Computational fluid dynamics using in vivo ultrasound blood flow measurements. , 2012, , .		3
173	Associations Between Abnormal Ultrasound Color Doppler Measures and Tendon Pain Symptoms in Badminton Players During a Season. American Journal of Sports Medicine, 2012, 40, 548-555.	1.9	55
174	Focused Assessment with Sonography for Trauma in Patients with Confirmed Liver Lesions. Scandinavian Journal of Surgery, 2012, 101, 287-291.	1.3	4
175	Scintigraphy at 3 months after single lung transplantation and observations of primary graft dysfunction and lung function. Interactive Cardiovascular and Thoracic Surgery, 2012, 14, 792-796.	0.5	8
176	In vivo color flow mapping using synthetic aperture dual stage beamforming. , 2012, , .		0
177	Implementation of tissue harmonic synthetic aperture imaging on a commercial ultrasound system. , 2012, , .		7
178	Improving Accuracy for Image Fusion in Abdominal Ultrasonography. Diagnostics, 2012, 2, 34-41.	1.3	9
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