

Hessel Wijkstra

List of Publications by Year in descending order

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300
papers

7,752
citations

50276

46
h-index

76900

74
g-index

317
all docs

317
docs citations

317
times ranked

5396
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacokinetic Modeling of the Second-Wave Phenomenon in Nanobubble-Based Contrast-Enhanced Ultrasound. <i>IEEE Transactions on Biomedical Engineering</i> , 2023, 70, 42-54.	4.2	1
2	The challenge of prostate biopsy guidance in the era of mpMRI detected lesion: ultrasound-guided versus in-bore biopsy. <i>British Journal of Radiology</i> , 2022, 95, 20210363.	2.2	6
3	B/A Measurement of Clear Cell Renal Cell Carcinoma versus Healthy Kidney Tissue. <i>Ultrasound in Medicine and Biology</i> , 2022, , .	1.5	0
4	How Reliable Is Endoscopic Stone Recognition? A Comparison Between Visual Stone Identification and Formal Stone Analysis. <i>Journal of Endourology</i> , 2022, 36, 1362-1370.	2.1	4
5	Super-Resolution Ultrasound Localization Microscopy Through Deep Learning. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 829-839.	8.9	77
6	Blood flow patterns estimation in the left ventricle with low-rate 2D and 3D dynamic contrast-enhanced ultrasound. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105810.	4.7	5
7	Deep Learning for Real-time, Automatic, and Scanner-adapted Prostate (Zone) Segmentation of Transrectal Ultrasound, for Example, Magnetic Resonance Imagingâ€“transrectal Ultrasound Fusion Prostate Biopsy. <i>European Urology Focus</i> , 2021, 7, 78-85.	3.1	35
8	A review on <i>B/A</i> measurement methods with a clinical perspective. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 2200-2237.	1.1	15
9	Experimental acoustic characterisation of an endoskeletal antibubble contrast agent: first results. <i>Medical Physics</i> , 2021, 48, 6765-6780.	3.0	3
10	Radiomic combination of spatial and temporal features extracted from DCE-MRI for prostate cancer detection *. , 2021, 2021, 3153-3156.		0
11	Automated multiparametric localization of prostate cancer based on B-mode, shear-wave elastography, and contrast-enhanced ultrasound radiomics. <i>European Radiology</i> , 2020, 30, 806-815.	4.5	65
12	Contrast-Enhanced Ultrasound Quantification: From Kinetic Modeling to Machine Learning. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 518-543.	1.5	31
13	Artificial intelligence in multiparametric prostate cancer imaging with focus on deep-learning methods. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 189, 105316.	4.7	44
14	Blind Source Separation for Clutter and Noise Suppression in Ultrasound Imaging: Review for Different Applications. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 1497-1512.	3.0	22
15	Contrast-enhanced ultrasound with dispersion analysis for the localization of prostate cancer: correlation with radical prostatectomy specimens. <i>World Journal of Urology</i> , 2020, 38, 2811-2818.	2.2	8
16	Detection of clinically significant prostate cancer in biopsyâ€“naïve men: direct comparison of systematic biopsy, multiparametric MRIâ€“and contrastâ€“ultrasoundâ€“dispersion imagingâ€“targeted biopsy. <i>BJU International</i> , 2020, 126, 481-493.	2.5	17
17	Cancer Detection Rates of Systematic and Targeted Prostate Biopsies after Biparametric MRI. <i>Prostate Cancer</i> , 2020, 2020, 1-6.	0.6	4
18	The generalized finite amplitude insert-substitution method for B/A measurement of tissues and liquids. <i>Proceedings of Meetings on Acoustics</i> , 2020, , .	0.3	2

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19	Exploiting Flow Dynamics for Superresolution in Contrast-Enhanced Ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1573-1586.	3.0	34
20	3-D Multi-parametric Contrast-Enhanced Ultrasound for the Prediction of Prostate Cancer. Ultrasound in Medicine and Biology, 2019, 45, 2713-2724.	1.5	15
21	Three-dimensional greyscale transrectal ultrasound-guidance and biopsy core preembedding for detection of prostate cancer: Dutch clinical cohort study. BMC Urology, 2019, 19, 23.	1.4	6
22	In-vitro investigation of the relationship between microvascular structure and ultrasound contrast agent dynamics. , 2019, , .		1
23	Optimal Blind-Source-Separation Filtering for Ultrasound Clutter Suppression: Application to Ultrasound Localization Microscopy and Speckle Tracking. , 2019, , .		1
24	Synthetic Elastography from B-Mode ultrasound through Deep Learning. , 2019, , .		2
25	Quantification of PSMA expression in prostate cancer by pharmacokinetic modeling of targeted ultrasound nanobubbles. , 2019, , .		1
26	Machine Learning for Multiparametric Ultrasound Classification of Prostate Cancer using B-mode, Shear-Wave Elastography, and Contrast-Enhanced Ultrasound Radiomics. , 2019, , .		1
27	Super-Resolution Contrast-Enhanced Ultrasound Methodology for the Identification of In Vivo Vascular Dynamics in 2D. Investigative Radiology, 2019, 54, 500-516.	6.2	29
28	Pharmacokinetic Modeling of Targeted Ultrasound Contrast Agents for Quantitative Assessment of Anti-Angiogenic Therapy: a Longitudinal Case-Control Study in Colon Cancer. Molecular Imaging and Biology, 2019, 21, 633-643.	2.6	9
29	The added value of systematic biopsy in men with suspicion of prostate cancer undergoing multiparametric MRI-targeted biopsy. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 298.e1-298.e9.	1.6	26
30	On the Relationship between Dynamic Contrast-Enhanced Ultrasound Parameters and the Underlying Vascular Architecture Extracted from Acoustic Angiography. Ultrasound in Medicine and Biology, 2019, 45, 539-548.	1.5	11
31	Multiparametric Ultrasound for Prostate Cancer Detection and Localization: Correlation of B-mode, Shear Wave Elastography and Contrast Enhanced Ultrasound with Radical Prostatectomy Specimens. Journal of Urology, 2019, 202, 1166-1173.	0.4	33
32	Validation of the Electronic Version of the International Index of Erectile Function (IIEF-5 and IIEF-15): A Crossover Study. Journal of Medical Internet Research, 2019, 21, e13490.	4.3	38
33	Reply by Authors. Journal of Urology, 2019, 202, 1172-1173.	0.4	0
34	The EFSUMB Guidelines and Recommendations for the Clinical Practice of Contrast-Enhanced Ultrasound (CEUS) in Non-Hepatic Applications: Update 2017 (Long Version). Ultraschall in Der Medizin, 2018, 39, e2-e44.	1.5	627
35	The EFSUMB Guidelines and Recommendations for the Clinical Practice of Contrast-Enhanced Ultrasound (CEUS) in Non-Hepatic Applications: Update 2017 (Short Version). Ultraschall in Der Medizin, 2018, 39, 154-180.	1.5	196
36	Concordance of Gleason grading with three-dimensional ultrasound systematic biopsy and biopsy core pre-embedding. World Journal of Urology, 2018, 36, 863-869.	2.2	3

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37	3-D Quantitative Dynamic Contrast Ultrasound for Prostate Cancer Localization. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 807-814.	1.5	11
38	Prediction of Prostate Cancer: External Validation of the ERSPC Risk Calculator in a Contemporary Dutch Clinical Cohort. <i>European Urology Focus</i> , 2018, 4, 228-234.	3.1	36
39	A fixed-distance plane wave method for estimating the ultrasound coefficient of nonlinearity. <i>Proceedings of Meetings on Acoustics</i> , 2018, , .	0.3	2
40	Machine Learning for the Prediction of Prostate Cancer Biopsy Based on 3D Dynamic Contrast-Enhanced Ultrasound Quantification. , 2018, , .		0
41	Zonal Segmentation in Transrectal Ultrasound Images of the Prostate Through Deep Learning. , 2018, , .		4
42	Prostate Cancer Risk Assessment in Biopsy-naïve Patients: The Rotterdam Prostate Cancer Risk Calculator in Multiparametric Magnetic Resonance Imaging-Transrectal Ultrasound (TRUS) Fusion Biopsy and Systematic TRUS Biopsy. <i>European Urology Oncology</i> , 2018, 1, 109-117.	5.4	37
43	Multiparametric ultrasound: evaluation of greyscale, shear wave elastography and contrast-enhanced ultrasound for prostate cancer detection and localization in correlation to radical prostatectomy specimens. <i>BMC Urology</i> , 2018, 18, 98.	1.4	25
44	Contrast-enhanced ultrasound tractography for 3D vascular imaging of the prostate. <i>Scientific Reports</i> , 2018, 8, 14640.	3.3	8
45	Evaluation of Dispersion MRI for Improved Prostate Cancer Diagnosis in a Multicenter Study. <i>American Journal of Roentgenology</i> , 2018, 211, W242-W251.	2.2	7
46	Use of Contrast-Enhanced Ultrasound in the Assessment of Uterine Fibroids: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1901-1909.	1.5	15
47	Accurate validation of ultrasound imaging of prostate cancer: a review of challenges in registration of imaging and histopathology. <i>Journal of Ultrasound</i> , 2018, 21, 197-207.	1.3	16
48	Convective-Dispersion Modeling in 3D Contrast-Ultrasound Imaging for the Localization of Prostate Cancer. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2593-2602.	8.9	17
49	Intravascular Contrast Agents. , 2018, , 39-89.		0
50	Extravascular Contrast Agents. , 2018, , 91-130.		0
51	Molecular Contrast Agents. , 2018, , 131-184.		0
52	Dynamic velocity vector and relative pressure estimation in the left ventricle with dynamic contrast-enhanced ultrasound of low frame rates. , 2018, , .		0
53	Contrast-Enhanced Ultrasound Angiogenesis Imaging by Mutual Information Analysis for Prostate Cancer Localization. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 661-670.	4.2	23
54	Mammography: developing a smarter and safer alternative. <i>Future Oncology</i> , 2017, 13, 669-671.	2.4	0

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55	Quantitative ultrasound molecular imaging by modeling the binding kinetics of targeted contrast agent. <i>Physics in Medicine and Biology</i> , 2017, 62, 2449-2464.	3.0	19
56	The prostate cancer detection rates of CEUS-targeted versus MRI-targeted versus systematic TRUS-guided biopsies in biopsy-naïve men: a prospective, comparative clinical trial using the same patients. <i>BMC Urology</i> , 2017, 17, 27.	1.4	15
57	First-in-Human Ultrasound Molecular Imaging With a VEGFR2-Specific Ultrasound Molecular Contrast Agent (BR55) in Prostate Cancer. <i>Investigative Radiology</i> , 2017, 52, 419-427.	6.2	112
58	SP-0034: Using multiparametric US to redefine target volumes in brachytherapy. <i>Radiotherapy and Oncology</i> , 2017, 123, S11-S12.	0.6	0
59	Multiparametric dynamic contrast-enhanced ultrasound imaging of prostate cancer. <i>European Radiology</i> , 2017, 27, 3226-3234.	4.5	38
60	Entropy of Ultrasound-Contrast-Agent Velocity Fields for Angiogenesis Imaging in Prostate Cancer. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 826-837.	8.9	26
61	Ultrasound-contrast-agent dispersion and velocity imaging for prostate cancer localization. <i>Medical Image Analysis</i> , 2017, 35, 610-619.	11.6	45
62	Viscoelasticity Mapping by Identification of Local Shear Wave Dynamics. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 1666-1673.	3.0	21
63	Three-dimensional estimation of ultrasound-contrast-agent dispersion and convection in the prostate. , 2017, , .		0
64	Shear wave viscoelasticity imaging using local system identification. , 2017, , .		1
65	Three-dimensional estimation of ultrasound-contrast-agent dispersion and convection in the prostate. , 2017, , .		0
66	Sparsity-driven super-resolution in clinical contrast-enhanced ultrasound. , 2017, , .		24
67	Which properties of the vascular architecture are reflected by dynamic contrast-enhanced ultrasound imaging of dispersion and wash-in rate? A comparison with acoustic angiography. , 2017, , .		0
68	On the validity of the first-pass binding model for quantitative ultrasound molecular imaging: Comparison between BR55 and Sonovue. , 2017, , .		0
69	Which properties of the vascular architecture are reflected by dynamic contrast-enhanced ultrasound imaging of dispersion and wash-in rate? A comparison with acoustic angiography. , 2017, , .		1
70	Sparsity-driven super-localization in clinical contrast-enhanced ultrasound. , 2017, , .		6
71	Irreversible electroporation for the treatment of localized prostate cancer: a summary of imaging findings and treatment feedback. <i>Diagnostic and Interventional Radiology</i> , 2017, 23, 365-370.	1.5	15
72	Three-dimensional histopathological reconstruction as a reliable ground truth for prostate cancer studies. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 035014.	1.2	10

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73	Multiparametric Transrectal Ultrasound Biopsy. <i>Current Clinical Urology</i> , 2017, , 251-263.	0.0	0
74	Bladder wall thickness in women with symptoms of overactive bladder and detrusor overactivity: Results from the randomised, placebo-controlled shrink study. <i>Neurourology and Urodynamics</i> , 2016, 35, 819-825.	1.5	16
75	Dynamic contrast-enhanced ultrasound parametric imaging for the detection of prostate cancer. <i>BJU International</i> , 2016, 117, 598-603.	2.5	43
76	Statistical characterization of Ultrasound-Contrast-agent velocity fields for prostate cancer localization. , 2016, , .		1
77	Multiparametric dynamic contrast-enhanced ultrasound classification of prostate cancer. , 2016, , .		2
78	Quantitative ultrasound molecular imaging for antiangiogenic therapy monitoring. , 2016, , .		5
79	Time-efficient estimation of the magnetic resonance dispersion model parameters for quantitative assessment of angiogenesis. <i>Biomedical Signal Processing and Control</i> , 2016, 26, 23-33.	5.7	7
80	3D Navigoâ„¢ versus TRUS-guided prostate biopsy in prostate cancer detection. <i>World Journal of Urology</i> , 2016, 34, 1255-1260.	2.2	7
81	Fractal Dimension of Tumor Microvasculature by DCE-US: Preliminary Study in Mice. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2852-2863.	1.5	15
82	The value of magnetic resonance imaging and ultrasonography (MRI/US)â€fusion biopsy platforms in prostate cancer detection: a systematic review. <i>BJU International</i> , 2016, 117, 392-400.	2.5	90
83	Towards Dynamic Contrast Specific Ultrasound Tomography. <i>Scientific Reports</i> , 2016, 6, 34458.	3.3	3
84	Effects of perfusion and vascular architecture on contrast dispersion: Validation in ex-vivo porcine liver under machine perfusion. , 2016, , .		0
85	Mathematical Models of Contrast Transport Kinetics for Cancer Diagnostic Imaging: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2016, 9, 121-147.	18.0	32
86	Focal vs extended ablation in localized prostate cancer with irreversible electroporation; a multi-center randomized controlled trial. <i>BMC Cancer</i> , 2016, 16, 299.	2.6	32
87	MRI and contrast-enhanced ultrasound imaging for evaluation of focal irreversible electroporation treatment: results from a phase I-II study in patients undergoing IRE followed by radical prostatectomy. <i>European Radiology</i> , 2016, 26, 2252-2260.	4.5	55
88	Contrast-Enhanced Ultrasound (CEUS) and Elastographic Imaging. , 2016, , 125-138.		0
89	3D surface-based registration of ultrasound and histology in prostate cancer imaging. <i>Computerized Medical Imaging and Graphics</i> , 2016, 47, 29-39.	5.8	19
90	The correlation between the electrode configuration and histopathology of irreversible electroporation ablations in prostate cancer patients. <i>World Journal of Urology</i> , 2016, 34, 657-664.	2.2	56

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91	MP48-03 CONTRAST ENHANCED ULTRASOUND WITH PARAMETRIC MAPS FOR THE DETECTION OF PROSTATE CANCER. Journal of Urology, 2015, 193, .	0.4	0
92	Cumulative phase delay imaging for contrast-enhanced ultrasound tomography. Physics in Medicine and Biology, 2015, 60, L23-L33.	3.0	6
93	Ultrasound modalities and quantification. Current Opinion in Urology, 2015, 25, 191-197.	1.8	13
94	Cumulative phase delay imaging - A new contrast enhanced ultrasound modality. AIP Conference Proceedings, 2015, , .	0.4	0
95	Multiparametric ultrasound in the detection of prostate cancer: a systematic review. World Journal of Urology, 2015, 33, 1651-1659.	2.2	91
96	Transabdominal Contrast-Enhanced Ultrasound Imaging of the Prostate. Ultrasound in Medicine and Biology, 2015, 41, 1112-1118.	1.5	8
97	Quantification of the binding kinetics of targeted ultrasound contrast agent for molecular imaging of cancer angiogenesis. , 2015, , .		3
98	3D contrast ultrasound dispersion imaging by mutual information for prostate cancer localization. , 2015, , .		4
99	Contrast enhanced ultrasound tomography by means of the cumulative phase delay between second harmonic and fundamental component. , 2015, , .		0
100	Imaging of the dispersion coefficient of Ultrasound contrast agents by Wiener system identification for prostate cancer localization. , 2015, , .		2
101	Follow-up modalities in focal therapy for prostate cancer: results from a Delphi consensus project. World Journal of Urology, 2015, 33, 1503-1509.	2.2	108
102	4-D spatiotemporal analysis of ultrasound contrast agent dispersion for prostate cancer localization: a feasibility study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 839-851.	3.0	36
103	The efficacy and safety of irreversible electroporation for the ablation of renal masses: a prospective, human, in-vivo study protocol. BMC Cancer, 2015, 15, 165.	2.6	23
104	Fractal dimension of tumor microvasculature by dynamic contrast-enhanced ultrasound. , 2015, , .		1
105	Abstract 421: The role of the tumor microenvironment of pancreatic cancer to predict treatment outcome. , 2015, , .		1
106	Role of multiparametric magnetic resonance imaging (<sc>MRI</sc>) in focal therapy for prostate cancer: a <sc>D</sc>elphi consensus project. BJU International, 2014, 114, 698-707.	2.5	42
107	Three-dimensional contrast-ultrasound dispersion imaging for prostate cancer localization, a feasibility study. , 2014, , .		2
108	Closed-form solution of the convolution integral in the magnetic resonance dispersion model for quantitative assessment of angiogenesis. , 2014, 2014, 4272-5.		0

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109	The safety and efficacy of irreversible electroporation for the ablation of prostate cancer: a multicentre prospective human in vivo pilot study protocol. <i>BMJ Open</i> , 2014, 4, e006382.	1.9	48
110	Contrast-ultrasound dispersion imaging of cancer neovascularization by mutual-information analysis. , 2014, , .		4
111	Cumulative phase delay between second harmonic and fundamental componentsâ€™A marker for ultrasound contrast agents. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 2968-2975.	1.1	11
112	The role of magnetic resonance imaging (<scp>MRI</scp>) in focal therapy for prostate cancer: recommendations from a consensus panel. <i>BJU International</i> , 2014, 113, 218-227.	2.5	80
113	Contrast dispersion imaging for cancer localization. , 2014, 2014, 4268-71.		2
114	Magnetic Resonance Dispersion Imaging for Localization of Angiogenesis and Cancer Growth. <i>Investigative Radiology</i> , 2014, 49, 561-569.	6.2	27
115	Maximum-Likelihood Estimation for Indicator Dilution Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 821-831.	4.2	17
116	Volume Measurement. , 2014, , 1-18.		0
117	Evaluation of Renal Masses with Contrast-Enhanced Ultrasound. <i>Current Urology Reports</i> , 2013, 14, 116-123.	2.2	34
118	Review on ultrasound measurement of bladder or detrusor wall thickness in women: techniques, diagnostic utility, and use in clinical trials. <i>World Journal of Urology</i> , 2013, 31, 1093-1104.	2.2	31
119	What is the added value of combined core biopsy and fine needle aspiration in the diagnostic process of renal tumours?. <i>World Journal of Urology</i> , 2013, 31, 823-827.	2.2	27
120	Correspondence - Spatiotemporal correlation of ultrasound contrast agent dilution curves for angiogenesis localization by dispersion imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 2665-2669.	3.0	46
121	Contrast-Ultrasound Dispersion Imaging for Prostate Cancer Localization by Improved Spatiotemporal Similarity Analysis. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 1631-1641.	1.5	78
122	Prostate cancer localization by novel magnetic resonance dispersion imaging. , 2013, 2013, 2603-6.		3
123	Contrast-Enhanced Ultrasound for the Evaluation of the Cryolesion After Laparoscopic Renal Cryoablation: An Initial Report. <i>Journal of Endourology</i> , 2013, 27, 402-407.	2.1	27
124	3D registration of histology and ultrasound data for validation of prostate cancer imaging. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
125	Contrast-Enhanced Ultrasonography. , 2013, , 155-164.		0
126	Current status of transrectal ultrasound techniques in prostate cancer. <i>Current Opinion in Urology</i> , 2012, 22, 297-302.	1.8	54

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127	Spatiotemporal methods for prostate cancer detection by contrast-ultrasound dispersion imaging. , 2012, , .		0
128	Angiogenesis in prostate cancer: onset, progression and imaging. BJU International, 2012, 110, E794-808.	2.5	150
129	700 FOLLOW-UP OF LAPAROSCOPIC RENAL CRYOABLATION (LRC) BY CONTRAST ENHANCED ULTRASOUND. Journal of Urology, 2012, 187, .	0.4	0
130	Contrast ultrasound dispersion imaging of different tumor types. , 2012, , .		2
131	Clinical Investigations Contrast-enhanced ultrasound as support for prostate brachytherapy treatment planning. Journal of Contemporary Brachytherapy, 2012, 2, 69-74.	0.9	7
132	Angiogenesis imaging by spatiotemporal analysis of ultrasound contrast agent dispersion kinetics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 621-629.	3.0	66
133	Role of transrectal ultrasonography (TRUS) in focal therapy of prostate cancer: report from a Consensus Panel. BJU International, 2012, 110, 942-948.	2.5	77
134	Zusatzfunktionen und Innovationen in der Sonographie. , 2012, , 17-29.		0
135	Advanced Diagnostics in Renal Mass Using Optical Coherence Tomography: A Preliminary Report. Journal of Endourology, 2011, 25, 311-315.	2.1	43
136	2202 WHAT KIND OF IMAGING STUDIES AND IMAGING BASED THERAPIES ARE DONE BY THE UROLOGIST?. Journal of Urology, 2011, 185, .	0.4	0
137	723 poster PROSTATE BRACHYTHERAPY TREATMENT PLANNING SUPPORTED BY CONTRAST-ENHANCED ULTRASOUND TO INCREASE THE DOSE IN INTRAPROSTATIC LESIONS. Radiotherapy and Oncology, 2011, 99, S287.	0.6	0
138	Gradient Changes in Porcine Renal Arterial Vascular Anatomy and Blood Flow After Cryoablation. Journal of Urology, 2011, 186, 681-686.	0.4	9
139	Laparoscopic renal cryoablation using ultrathin 17â€gauge cryoprobes: midâ€term oncological and functional results. BJU International, 2011, 108, 577-582.	2.5	20
140	Contrast-Ultrasound Diffusion Imaging for Localization of Prostate Cancer. IEEE Transactions on Medical Imaging, 2011, 30, 1493-1502.	8.9	115
141	Novel contrast-enhanced ultrasound imaging in prostate cancer. World Journal of Urology, 2011, 29, 581-7.	2.2	50
142	Are There Parameters that Predict a Nondiagnostic Biopsy Outcome Taken During Laparoscopic-Assisted Cryoablation of Small Renal Tumors?. Journal of Endourology, 2011, 25, 1463-1468.	2.1	8
143	The Clinical Research Office of the Endourological Society Audit Committee. Journal of Endourology, 2011, 25, 1811-1813.	2.1	13
144	Role of voiding and storage symptoms for the quality of life before and after treatment in men with voiding dysfunction. World Journal of Urology, 2010, 28, 3-8.	2.2	29

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145	The role of nocturia in the quality of life of men with lower urinary tract symptoms. BJU International, 2010, 105, 1141-1146.	2.5	55
146	<i>Reply</i>. BJU International, 2010, 105, 1017-1018.	2.5	0
147	Coherence-based contrast ultrasound diffusion imaging for prostate cancer detection. , 2010, , .		0
148	A Decade of Surgically Removed Small Renal Masses in The Netherlands: Characteristics and Trends in Type of Surgery and Pathologic Reporting. Journal of Endourology, 2010, 24, 1675-1679.	2.1	6
149	82 CRYOABLATION INDUCED ALTERATIONS OF PORCINE RENAL ARTERIAL ANATOMY AND BLOOD FLOW. Journal of Urology, 2010, 183, .	0.4	0
150	Immediate Effect of Kidney Cryoablation on Renal Arterial Structure in a Porcine Model Studied by Imaging Cryomicrotome. Journal of Urology, 2010, 183, 1221-1226.	0.4	15
151	299 DIFFERENTIATION BETWEEN NORMAL RENAL TISSUE AND RENAL CELL CARCINOMA (RCC) USING OCT. European Urology Supplements, 2010, 9, 120.	0.1	0
152	Focal Therapy in Prostate Cancerâ€”Report from a Consensus Panel. Journal of Endourology, 2010, 24, 775-780.	2.1	173
153	Quality of Life and Perceived Pain After Laparoscopic-Assisted Renal Cryoablation. Journal of Endourology, 2010, 24, 713-719.	2.1	4
154	Advances in Diagnostic and Therapeutic Ultrasonography. , 2010, , 235-250.		0
155	<i>In Vivo</i> Factors Influencing the Freezing Cycle During Cryoablation of Small Renal Masses. Journal of Endourology, 2009, 23, 545-549.	2.1	6
156	Speckle-initialized dynamic segmentation of the prostate. , 2009, 2009, 6352-5.		1
157	The Diagnostic Yield of Immediate Postcryoablation Biopsies of Small Renal Masses. Journal of Endourology, 2009, 23, 1203-1207.	2.1	3
158	Prostate cancer localization by contrast-ultrasound diffusion imaging. , 2009, , .		2
159	Cytological Punctures in the Diagnosis of Renal Tumours: A Study on Accuracy and Reproducibility. European Urology, 2009, 55, 187-198.	1.9	27
160	Manual versus automatic bladder wall thickness measurements: a method comparison study. World Journal of Urology, 2009, 27, 747-53.	2.2	17
161	Editorial Comment. Urology, 2009, 74, 681-682.	1.0	1
162	626 DOES NEOADJUVANT SORAFENIB TREATMENT AFFECT MICROVESSEL DENSITY COUNT IN PROSTATE CANCER?. European Urology Supplements, 2009, 8, 277.	0.1	0

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163	Optimizing Prostate Cancer Detection: 8 Versus 12-Core Biopsy Protocol. <i>Journal of Urology</i> , 2009, 182, 1329-1336.	0.4	40
164	Advances in Ultrasound Technology in Oncologic Urology. <i>Urologic Clinics of North America</i> , 2009, 36, 133-145.	1.8	15
165	PROSTATIC DISEASE The effect of a temporary prostatic stent on sexual function. <i>Central European Journal of Urology</i> , 2009, 62, 243-248.	0.3	0
166	Contrast-Enhanced Ultrasound of the Kidneys. , 2009, , 123-129.		0
167	Follow-up of renal masses after cryosurgery using computed tomography; enhancement patterns and cryolesion size. <i>BJU International</i> , 2008, 101, 1237-1242.	2.5	49
168	Changes in the stage and surgical management of renal tumours during 1995â€“2005: an analysis of the Dutch national histopathology registry. <i>BJU International</i> , 2008, 102, 946-951.	2.5	23
169	Editorial Comment on: Comparison of Contrast-Enhanced Color Doppler Imaging (CDI), Computerized Tomography (CT), and Magnetic Resonance Imaging (MRI) for the Detection of Crossing Vessels in Patients with Ureteropelvic Junction Obstruction (UPJO). <i>European Urology</i> , 2008, 53, 1260-1261.	1.9	0
170	Age and Bladder Outlet Obstruction Are Independently Associated with Detrusor Overactivity in Patients with Benign Prostatic Hyperplasia. <i>European Urology</i> , 2008, 54, 419-426.	1.9	162
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