Thomas H Helbich

List of Publications by Year
in descending order

152 papers	7,769 citations	43973 48 h-index	58464 82 g-index
158 all docs	158 docs citations	158 times ranked	6522 citing authors

#	Article	IF	Citations
1	One view or two views for wide-angle tomosynthesis with synthetic mammography in the assessment setting?. European Radiology, 2022, 32, 661-670.	2.3	1
2	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysisÂ(MIPA). European Radiology, 2022, 32, 1611-1623.	2.3	30
3	Rectal preparation significantly improves prostate imaging quality: Assessment of the PI-QUAL score with visual grading characteristics. European Journal of Radiology, 2022, 147, 110145.	1.2	16
4	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). European Radiology, 2022, 32, 4036-4045.	2.3	137
5	Breast Lesion Classification with Multiparametric Breast MRI Using Radiomics and Machine Learning: A Comparison with Radiologistsâ€™ Performance. Cancers, 2022, 14, 1743.	1.7	16
6	Comparative Effects of Deferiprone and Salinomycin on Lead-Induced Disturbance in the Homeostasis of Intrarenal Essential Elements in Mice. International Journal of Molecular Sciences, 2022, 23, 4368.	1.8	2
7	Contrast-enhanced Mammography versus Contrast-enhanced Breast MRI: A Systematic Review and Meta-Analysis. Radiology, 2022, 305, 94-103.	3.6	41
8	Breast MRI: does a clinical decision algorithm outweigh reader experience?. European Radiology, 2022, 32, 6557-6564.	2.3	4
9	Ameliorative effects of deferiprone and tetraethylammonium salt of salinomycinic acid on lead-induced toxicity in mouse testes. Environmental Science and Pollution Research, 2021, 28, 6784-6795.	2.7	3
10	The Role of Tenascin C in Cardiac Reverse Remodeling Following Bandingâ€“Debanding of the Ascending Aorta. International Journal of Molecular Sciences, 2021, 22, 2023.	1.8	10
11	An A.I. classifier derived from 4D radiomics of dynamic contrast-enhanced breast MRI data: potential to avoid unnecessary breast biopsies. European Radiology, 2021, 31, 5866-5876.	2.3	18
12	Breast Tumor Characterization Using [18F]FDG-PET/CT Imaging Combined with Data Preprocessing and Radiomics. Cancers, 2021, 13, 1249.	1.7	32
13	Can supplementary contrast-enhanced MRI of the breast avoid needle biopsies in suspicious microcalcifications seen on mammography? A systematic review and meta-analysis. Breast, 2021, 56, 53-60.	0.9	14
14	Correct determination of the enhancement curve is critical to ensure accurate diagnosis using the Kaiser score as a clinical decision rule for breast MRI. European Journal of Radiology, 2021, 138, 109630.	1.2	13
15	Radiomics and Machine Learning with Multiparametric Breast MRI for Improved Diagnostic Accuracy in Breast Cancer Diagnosis. Diagnostics, 2021, 11, 919.	1.3	25
16	Cross-Modality Imaging of Murine Tumor Vasculatureâ€”a Feasibility Study. Molecular Imaging and Biology, 2021, 23, 874-893.	1.3	7
17	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). Insights Into Imaging, 2021, 12, 119.	1.6	51
18	Vesical Imaging Reporting and Data System (VI-RADS): Are the individual MRI sequences equivalent in diagnostic performance of high grade NMIBC and MIBC?. European Journal of Radiology, 2021, 142, 109829.	1.2	15

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19	Microstructural breast tissue characterization: A head-to-head comparison of Diffusion Weighted Imaging and Acoustic Radiation Force Impulse elastography with clinical implications. European Journal of Radiology, 2021, 143, 109926.	1.2	4
20	Diffusion-weighted Imaging Allows for Downgrading MR BI-RADS 4 Lesions in Contrast-enhanced MRI of the Breast to Avoid Unnecessary Biopsy. Clinical Cancer Research, 2021, 27, 1941-1948.	3.2	51
21	A Multicentric Comparison of Apparent Diffusion Coefficient Mapping and the Kaiser Score in the Assessment of Breast Lesions. Investigative Radiology, 2021, 56, 274-282.	3.5	31
22	Dissecting Differential Complex Behavioral Responses to Simulated Space Radiation Exposures. Radiation Research, 2021, 197, .	0.7	9
23	Particle Radiation Side-Effects: Intestinal Microbiota Composition Shapes Interferon-Î³-Induced Osteo-Immunogenicity. Radiation Research, 2021, 197, 184-192.	0.7	2
24	Maternal immune activation during pregnancy impacts on brain structure and function in the adult offspring. Brain, Behavior, and Immunity, 2020, 83, 56-67.	2.0	32
25	Multiparametric 18F-FDG PET/MRI of the Breast: Are There Differences in Imaging Biomarkers of Contralateral Healthy Tissue Between Patients With and Without Breast Cancer?. Journal of Nuclear Medicine, 2020, 61, 20-25.	2.8	12
26	Intestinal bacterial indicator phylotypes associate with impaired DNA double-stranded break sensors but augmented skeletal bone micro-structure. Carcinogenesis, 2020, 41, 483-489.	1.3	4
27	Non-Invasive Assessment of Hypoxia and Neovascularization with MRI for Identification of Aggressive Breast Cancer. Cancers, 2020, 12, 2024.	1.7	9
28	Interruption of vascular endothelial growth factor receptor 2 signaling induces a proliferative pulmonary vasculopathy and pulmonary hypertension. Basic Research in Cardiology, 2020, 115, 58.	2.5	28
29	Pharmacokinetic Analysis of Dynamic Contrast-Enhanced Magnetic Resonance Imaging at 7T for Breast Cancer Diagnosis and Characterization. Cancers, 2020, 12, 3763.	1.7	3
30	Factors influencing agreement of breast cancer luminal molecular subtype by Ki67 labeling index between core needle biopsy and surgical resection specimens. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 545-555.	1.4	5
31	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. European Radiology, 2020, 30, 5427-5436.	2.3	18
32	The Kaiser score reliably excludes malignancy in benign contrast-enhancing lesions classified as BI-RADS 4 on breast MRI high-risk screening exams. European Radiology, 2020, 30, 6052-6061.	2.3	35
33	A closer look into ECR 2020 on hybrid, molecular, and translational imaging. European Radiology, 2020, 30, 5536-5538.	2.3	0
34	Lowâ€Dose, Contrastâ€Enhanced Mammography Compared to Contrastâ€Enhanced Breast MRI: A Feasibility Study. Journal of Magnetic Resonance Imaging, 2020, 52, 589-595.	1.9	19
35	Clinical relevance of total choline (tCho) quantification in suspicious lesions on multiparametric breast MRI. European Radiology, 2020, 30, 3371-3382.	2.3	12
36	Substantial radiation dose reduction with consistent image quality using a novel low-dose stone composition protocol. World Journal of Urology, 2020, 38, 2971-2979.	1.2	11

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37	Can second-look ultrasound downgrade MRI-detected lesions? A retrospective study. European Journal of Radiology, 2020, 127, 108976.	1.2	5
38	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2020, 11, 12.	1.6	96
39	Impact of osteopontin on the development of nonâ€alcoholic liver disease and related hepatocellular carcinoma. Liver International, 2020, 40, 1620-1633.	1.9	20
40	Subarachnoid hemorrhage in rats â€“ Visualizing blood distribution in vivo using gadolinium-enhanced magnetic resonance imaging: Technical note. Journal of Neuroscience Methods, 2019, 325, 108370.	1.3	1
41	Consensus Meeting of Breast Imaging: BI-RADSÂ® and Beyond. Breast Care, 2019, 14, 308-314.	0.8	9
42	Evaluation of 3.0-T MRI Brain Signal after Exposure to Gadoterate Meglumine in Women with High Breast Cancer Risk and Screening Breast MRI. Radiology, 2019, 293, 523-530.	3.6	21
43	Automatic segmentation and classification of breast lesions through identification of informative multiparametric PET/MRI features. European Radiology Experimental, 2019, 3, 18.	1.7	25
44	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2â^' Early Invasive Breast Cancer: a Molecular Imaging Study Using [18F]FDG PET/CT. Molecular Imaging and Biology, 2019, 21, 991-1002.	1.3	8
45	Multimodality Imaging of Breast Parenchymal Density and Correlation with Risk Assessment. Current Breast Cancer Reports, 2019, 11, 23-33.	0.5	5
46	A multiparametric [18F]FDG PET/MRI diagnostic model including imaging biomarkers of the tumor and contralateral healthy breast tissue aids breast cancer diagnosis. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1878-1888.	3.3	9
47	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. Nature Communications, 2019, 10, 2717.	5.8	70
48	Diffusionâ€Weighted MRI of Breast Cancer: Improved Lesion Visibility and Image Quality Using Synthetic bâ€Values. Journal of Magnetic Resonance Imaging, 2019, 50, 1754-1761.	1.9	27
49	Intra- and inter-observer variability in dependence of T1-time correction for common dynamic contrast enhanced MRI parameters in prostate cancer patients. European Journal of Radiology, 2019, 116, 27-33.	1.2	3
50	Multimodal [18F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNFÎ± Transgenic Mice. Journal of Bone and Mineral Research, 2019, 34, 1632-1645.	3.1	8
51	CD8+ T cells induce cachexia during chronic viral infection. Nature Immunology, 2019, 20, 701-710.	7.0	62
52	Can we reduce the workload of mammographic screening by automatic identification of normal exams with artificial intelligence? A feasibility study. European Radiology, 2019, 29, 4825-4832.	2.3	129
53	Can we predict lesion detection rates in second-look ultrasound of MRI-detected breast lesions? A systematic analysis. European Journal of Radiology, 2019, 113, 96-100.	1.2	13
54	Diffusionâ€weighted imaging (DWI) with apparent diffusion coefficient (ADC) mapping as a quantitative imaging biomarker for prediction of immunohistochemical receptor status, proliferation rate, and molecular subtypes of breast cancer. Journal of Magnetic Resonance Imaging, 2019, 50, 836-846.	1.9	72

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55	Sequential [¹⁸F]FDG-[¹⁸F]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience. Contrast Media and Molecular Imaging, 2019, 2019, 1-9.	0.4	9
56	Loss of the ribosomal RNA methyltransferase NSUN5 impairs global protein synthesis and normal growth. Nucleic Acids Research, 2019, 47, 11807-11825.	6.5	67
57	4D perfusion CT of prostate cancer for image-guided radiotherapy planning: A proof of concept study. PLoS ONE, 2019, 14, e0225673.	1.1	3
58	Limited role of DWI with apparent diffusion coefficient mapping in breast lesions presenting as non-mass enhancement on dynamic contrast-enhanced MRI. Breast Cancer Research, 2019, 21, 136.	2.2	44
59	Quantitative Multiparametric Breast Ultrasound. Investigative Radiology, 2019, 54, 257-264.	3.5	46
60	Abbreviated MRI of the Breast: Does It Provide Value?. Journal of Magnetic Resonance Imaging, 2019, 49, e85-e100.	1.9	107
61	Development of a Non-invasive Assessment of Hypoxia and Neovascularization with Magnetic Resonance Imaging in Benign and Malignant Breast Tumors: Initial Results. Molecular Imaging and Biology, 2019, 21, 758-770.	1.3	23
62	Multiparametric MRI model with dynamic contrastâ€enhanced and diffusionâ€weighted imaging enables breast cancer diagnosis with high accuracy. Journal of Magnetic Resonance Imaging, 2019, 49, 864-874.	1.9	49
63	Breast lesion detection and characterization with contrastâ€enhanced magnetic resonance imaging: Prospective randomized intraindividual comparison of gadoterate meglumine (0.15 mmol/kg) and gadobenate dimeglumine (0.075 mmol/kg) at 3T. Journal of Magnetic Resonance Imaging, 2019, 49, 1157-1165.	1.9	12
64	Virtual Touch IQ elastography reduces unnecessary breast biopsies by applying quantitative â€œrule-inâ€• and â€œrule-outâ€•threshold values. Scientific Reports, 2018, 8, 3583.	1.6	8
65	A Simple Ultrasound Based Classification Algorithm Allows Differentiation of Benign from Malignant Breast Lesions by Using Only Quantitative Parameters. Molecular Imaging and Biology, 2018, 20, 1053-1060.	1.3	7
66	Diffusion-Weighted Imaging With Apparent Diffusion Coefficient Mapping for Breast Cancer Detection as a Stand-Alone Parameter. Investigative Radiology, 2018, 53, 587-595.	3.5	130
67	Nintedanib Is Active in Malignant Pleural Mesothelioma Cell Models and Inhibits Angiogenesis and Tumor Growth In Vivo. Clinical Cancer Research, 2018, 24, 3729-3740.	3.2	24
68	MRI-based quantification of residual fibroglandular tissue of the breast after conservative mastectomies. European Journal of Radiology, 2018, 104, 1-7.	1.2	25
69	Multiparametric MRI of the breast: A review. Journal of Magnetic Resonance Imaging, 2018, 47, 301-315.	1.9	105
70	Changes in Tumor Biology During Chemoradiation of Cervix Cancer Assessed by Multiparametric MRI and Hypoxia PET. Molecular Imaging and Biology, 2018, 20, 160-169.	1.3	16
71	A survey by the European Society of Breast Imaging on the utilisation of breast MRI in clinical practice. European Radiology, 2018, 28, 1909-1918.	2.3	85
72	Automated Detection and Segmentation of Nonmass-Enhancing Breast Tumors with Dynamic Contrast-Enhanced Magnetic Resonance Imaging. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.4	14

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73	Quantitative Apparent Diffusion Coefficient Derived From Diffusion-Weighted Imaging Has the Potential to Avoid Unnecessary MRI-Guided Biopsies of mpMRI-Detected PI-RADS 4 and 5 Lesions. Investigative Radiology, 2018, 53, 736-741.	3.5	20
74	Density and tailored breast cancer screening: practice and prediction â€“ an overview. Acta Radiologica Open, 2018, 7, 205846011879121.	0.3	8
75	Density estimation of grey-level co-occurrence matrices for image texture analysis. Physics in Medicine and Biology, 2018, 63, 195017.	1.6	10
76	Imaging Phenotypes in Women at High Risk for Breast Cancer on Mammography, Ultrasound, and Magnetic Resonance Imaging Using the Fifth Edition of the Breast Imaging Reporting and Data System. European Journal of Radiology, 2018, 106, 150-159.	1.2	28
77	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. Clinical Cancer Research, 2018, 24, 6300-6307.	3.2	112
78	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2018, 9, 449-461.	1.6	95
79	PET/MRI and Molecular Imaging in Breast Cancer. , 2018, , 83-98.		0
80	Clinical application of Acoustic Radiation Force Impulse Imaging with Virtual Touch IQ in breast ultrasound: diagnostic performance and reproducibility of a new technique. Acta Radiologica, 2017, 58, 140-147.	0.5	28
81	Individually Stabilized, Superparamagnetic Nanoparticles with Controlled Shell and Size Leading to Exceptional Stealth Properties and High Relaxivities. ACS Applied Materials & Interfaces, 2017, 9, 3343-3353.	4.0	53
82	A simple classification system (the Tree flowchart) for breast MRI can reduce the number of unnecessary biopsies in MRI-only lesions. European Radiology, 2017, 27, 3799-3809.	2.3	59
83	Accuracy of fully automated, quantitative, volumetric measurement of the amount of fibroglandular breast tissue using MRI: correlation with anthropomorphic breast phantoms. NMR in Biomedicine, 2017, 30, e3705.	1.6	12
84	MRI in the Assessment of BI-RADSÂ® 4 lesions. Topics in Magnetic Resonance Imaging, 2017, 26, 191-199.	0.7	11
85	Application of BI-RADS Descriptors in Contrast-Enhanced Dual-Energy Mammography: Comparison with MRI. Breast Care, 2017, 12, 212-216.	0.8	37
86	Accuracy of screening women at familial risk of breast cancer without a known gene mutation: Individual patient data meta-analysis. European Journal of Cancer, 2017, 85, 31-38.	1.3	32
87	Association between pathology and texture features of multi parametric MRI of the prostate. Physics in Medicine and Biology, 2017, 62, 7833-7854.	1.6	20
88	Impact of hybrid PET/MR technology on multiparametric imaging and treatment response assessment of cervix cancer. Radiotherapy and Oncology, 2017, 125, 420-425.	0.3	25
89	The breast lesion excision system (BLES) under stereotactic guidance cannot be used as a therapeutic tool in the excision of small areas of microcalcifications in the breast. European Journal of Radiology, 2017, 93, 252-257.	1.2	11
90	The potential of multiparametric MRI of the breast. British Journal of Radiology, 2017, 90, 20160715.	1.0	110

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91	Mammography: an update of the EUSOBI recommendations on information for women. Insights Into Imaging, 2017, 8, 11-18.	1.6	78
92	Malignancy rates and diagnostic performance of the Bosniak classification for the diagnosis of cystic renal lesions in computed tomography â€“ a systematic review and meta-analysis. European Radiology, 2017, 27, 2239-2247.	2.3	83
93	Position paper on screening for breast cancer by the European Society of Breast Imaging (EUSOBI) and 30 national breast radiology bodies from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Israel, Lithuania, Moldova, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland and Turkey. European Radiology, 2017, 27, 2737-2743.	2.3	136
94	Diffusion-weighted imaging of breast lesions: Region-of-interest placement and different ADC parameters influence apparent diffusion coefficient values. European Radiology, 2017, 27, 1883-1892.	2.3	82
95	Investigating the prediction value of multiparametric magnetic resonance imaging at 3ÂT in response to neoadjuvant chemotherapy in breast cancer. European Radiology, 2017, 27, 1901-1911.	2.3	59
96	Limited Tumor Tissue Drug Penetration Contributes to Primary Resistance against Angiogenesis Inhibitors. Theranostics, 2017, 7, 400-412.	4.6	71
97	Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. PLoS ONE, 2017, 12, e0180790.	1.1	7
98	MRT einschlieÃŸlich Intervention. , 2017, , 159-175.		0
99	Multiparametric [18F]Fluorodeoxyglucose/ [18F]Fluoromisonidazole Positron Emission Tomography/ Magnetic Resonance Imaging of Locally Advanced Cervical Cancer for the Non-Invasive Detection of Tumor Heterogeneity: A Pilot Study. PLoS ONE, 2016, 11, e0155333.	1.1	45
100	Influence of fat-water separation and spatial resolution on automated volumetric MRI measurements of fibroglandular breast tissue. NMR in Biomedicine, 2016, 29, 702-708.	1.6	7
101	Radiological staging in pregnant patients with cancer. ESMO Open, 2016, 1, e000017.	2.0	23
102	Diagnostic performance of digital breast tomosynthesis with a wide scan angle compared to full-field digital mammography for the detection and characterization of microcalcifications. European Journal of Radiology, 2016, 85, 2161-2168.	1.2	38
103	Diffusionâ€weighted MRI of breast lesions: a prospective clinical investigation of the quantitative imaging biomarker characteristics of reproducibility, repeatability, and diagnostic accuracy. NMR in Biomedicine, 2016, 29, 1445-1453.	1.6	46
104	Quantitative Assessment of Breast Parenchymal Uptake on ¹⁸F-FDG PET/CT: Correlation with Age, Background Parenchymal Enhancement, and Amount of Fibroglandular Tissue on MRI. Journal of Nuclear Medicine, 2016, 57, 1518-1522.	2.8	19
105	Quantitative Sodium MR Imaging at 7 T: Initial Results and Comparison with Diffusion-weighted Imaging in Patients with Breast Tumors. Radiology, 2016, 280, 39-48.	3.6	69
106	MR-guided vacuum-assisted breast biopsy of MRI-only lesions: a single center experience. European Radiology, 2016, 26, 3908-3916.	2.3	39
107	Contribution of mammography to MRI screening in BRCA mutation carriers by BRCA status and age: individual patient data meta-analysis. British Journal of Cancer, 2016, 114, 631-637.	2.9	99
108	A simple scoring system for breast MRI interpretation: does it compensate for reader experience?. European Radiology, 2016, 26, 2529-2537.	2.3	62

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109	Contrast-enhanced dual energy mammography with a novel anode/filter combination and artifact reduction: a feasibility study. European Radiology, 2016, 26, 1575-1581.	2.3	19
110	Multiparametric MRI of the prostate at 3ÂT: limited value of 3D 1H-MR spectroscopy as a fourth parameter. World Journal of Urology, 2016, 34, 649-656.	1.2	16
111	Breast MRI: EUSOBI recommendations for womenâ€™s information. European Radiology, 2015, 25, 3669-3678.	2.3	330
112	Feasibility of dominant intraprostatic lesion boosting using advanced photon-, proton- or brachytherapy. Radiotherapy and Oncology, 2015, 117, 509-514.	0.3	25
113	Bilateral Diffusion-weighted MR Imaging of Breast Tumors with Submillimeter Resolution Using Readout-segmented Echo-planar Imaging at 7 T. Radiology, 2015, 274, 74-84.	3.6	58
114	Magnetic Resonance Imaging Improves Breast Screening Sensitivity in BRCA Mutation Carriers Age â‰¥ 50 Years: Evidence From an Individual Patient Data Meta-Analysis. Journal of Clinical Oncology, 2015, 33, 349-356.	0.8	72
115	Multiparametric MR Imaging with High-Resolution Dynamic Contrast-enhanced and Diffusion-weighted Imaging at 7 T Improves the Assessment of Breast Tumors: A Feasibility Study. Radiology, 2015, 276, 360-370.	3.6	44
116	Triple-Modality Screening Trial for Familial Breast Cancer Underlines the Importance of Magnetic Resonance Imaging and Questions the Role of Mammography and Ultrasound Regardless of Patient Mutation Status, Age, and Breast Density. Journal of Clinical Oncology, 2015, 33, 1128-1135.	0.8	252
117	Introduction of an Automated Userâ€“Independent Quantitative Volumetric Magnetic Resonance Imaging Breast Density Measurement System Using the Dixon Sequence. Investigative Radiology, 2015, 50, 73-80.	3.5	30
118	Quantitative Apparent Diffusion Coefficient as a Noninvasive Imaging Biomarker for the Differentiation of Invasive Breast Cancer and Ductal Carcinoma In Situ. Investigative Radiology, 2015, 50, 95-100.	3.5	87
119	Diagnostic accuracy of 18F-FDG PET/CT compared with that of contrast-enhanced MRI of the breast at 3 T. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1656-1665.	3.3	22
120	The role of positron emission tomography in breast cancer: a short review. Memo - Magazine of European Medical Oncology, 2015, 8, 130-135.	0.3	1
121	Residual breast tissue after mastectomy in non high risk and BRCA mutated patients.. Journal of Clinical Oncology, 2015, 33, 1061-1061.	0.8	1
122	PET/MRI in cervical cancer: Insights into tumor biology.. Journal of Clinical Oncology, 2015, 33, 5597-5597.	0.8	1
123	Dynamic Contrast-Enhanced Magnetic Resonance Imaging of Breast Tumors at 3 and 7 T. Investigative Radiology, 2014, 49, 354-362.	3.5	27
124	Improved dosimetry in prostate brachytherapy using high resolution contrast enhanced magnetic resonance imaging: a feasibility study. Journal of Contemporary Brachytherapy, 2014, 4, 337-343.	0.4	7
125	Improved Diagnostic Accuracy With Multiparametric Magnetic Resonance Imaging of the Breast Using Dynamic Contrast-Enhanced Magnetic Resonance Imaging, Diffusion-Weighted Imaging, and 3-Dimensional Proton Magnetic Resonance Spectroscopic Imaging. Investigative Radiology, 2014, 49, 421-430.	3.5	107
126	Improved Differentiation of Benign and Malignant Breast Tumors with Multiparametric 18Fluorodeoxyglucose Positron Emission Tomography Magnetic Resonance Imaging: A Feasibility Study. Clinical Cancer Research, 2014, 20, 3540-3549.	3.2	82

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127	MRI-only lesions: application of diffusion-weighted imaging obviates unnecessary MR-guided breast biopsies. European Radiology, 2014, 24, 1204-1210.	2.3	87
128	Effect of multiparametric MRI of the breast on diagnostic accuracy.. Journal of Clinical Oncology, 2014, 32, 11009-11009.	0.8	0
129	Molecular subtyping of breast cancer using dedicated breast PET-CT.. Journal of Clinical Oncology, 2013, 31, e22090-e22090.	0.8	0
130	Readout-segmented Echo-planar Imaging Improves the Diagnostic Performance of Diffusion-weighted MR Breast Examinations at 3.0 T. Radiology, 2012, 263, 64-76.	3.6	180
131	High-risk lesions diagnosed at MRI-guided vacuum-assisted breast biopsy: can underestimation be predicted?. European Radiology, 2011, 21, 582-589.	2.3	75
132	Three-dimensional Proton MR Spectroscopic Imaging at 3 T for the Differentiation of Benign and Malignant Breast Lesions. Radiology, 2011, 261, 752-761.	3.6	61
133	Magnetic resonance imaging of the breast: Recommendations from the EUSOMA working group. European Journal of Cancer, 2010, 46, 1296-1316.	1.3	813
134	Diffusion-weighted MR for Differentiation of Breast Lesions at 3.0 T: How Does Selection of Diffusion Protocols Affect Diagnosis?. Radiology, 2009, 253, 341-351.	3.6	262
135	A Combined High Temporal and High Spatial Resolution 3 Tesla MR Imaging Protocol for the Assessment of Breast Lesions. Investigative Radiology, 2009, 44, 553-558.	3.5	104
136	Image Quality, lesion detection, and diagnostic efficacy in digital mammography: Full-field digital mammography versus computed radiography-based mammography using digital storage phosphor plates. European Journal of Radiology, 2008, 67, 487-496.	1.2	22
137	US-guided 14-gauge Core-Needle Breast Biopsy: Results of a Validation Study in 1352 Cases. Radiology, 2008, 248, 406-413.	3.6	142
138	Probably Benign Breast Masses at US: Is Follow-up an Acceptable Alternative to Biopsy?. Radiology, 2007, 244, 87-93.	3.6	147
139	Magnetic Resonance Imaging of the Breast Improves Detection of Invasive Cancer, Preinvasive Cancer, and Premalignant Lesions during Surveillance of Women at High Risk for Breast Cancer. Clinical Cancer Research, 2007, 13, 6144-6152.	3.2	99
140	Prostate Postbrachytherapy Seed Distribution: Comparison of High-Resolution, Contrast-Enhanced, T1- and T2-Weighted Endorectal Magnetic Resonance Imaging Versus Computed Tomography: Initial Experience. International Journal of Radiation Oncology Biology Physics, 2007, 69, 70-78.	0.4	33
141	Guidelines from the European Society of Breast Imaging for diagnostic interventional breast procedures. European Radiology, 2007, 17, 581-588.	2.3	122
142	MRI-Guided Percutaneous Biopsy of Breast Lesions: Materials, Techniques, Success Rates, and Management in Patients with Suspected Radiologic-Pathologic Mismatch. Magnetic Resonance Imaging Clinics of North America, 2006, 14, 411-425.	0.6	40
143	Potential of Dose Reduction After Marker Placement With Full-Field Digital Mammography. Investigative Radiology, 2005, 40, 343-348.	3.5	11
144	Lesion Miss Rates and False-Negative Rates for 1115 Consecutive Cases of Stereotactically Guided Needle-localized Open Breast Biopsy with Long-term Follow-up. Radiology, 2005, 237, 847-853.	3.6	23

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145	Computer-assisted quantitative assessment of power Doppler US: effects of microbubble contrast agent in the differentiation of breast tumors. European Journal of Radiology, 2005, 53, 238-244.	1.2	50
146	Stereotactic 11-Gauge Vacuum-Assisted Breast Biopsy: A Validation Study. American Journal of Roentgenology, 2002, 179, 1503-1507.	1.0	136
147	MRI assessment of microvascular characteristics in experimental breast tumors using a new blood pool contrast agent (MS-325) with correlations to histopathology. Journal of Magnetic Resonance Imaging, 2001, 14, 237-242.	1.9	69
148	Quantitative gadopentetate-enhanced MRI of breast tumors: Testing of different analytic methods. Magnetic Resonance in Medicine, 2000, 44, 915-924.	1.9	38
149	A new polysaccharide macromolecular contrast agent for MR imaging: Biodistribution and imaging characteristics. Journal of Magnetic Resonance Imaging, 2000, 11, 694-701.	1.9	50
150	Dynamic High-Spatial-Resolution MR Imaging of Suspicious Breast Lesions. American Journal of Roentgenology, 2000, 175, 35-43.	1.0	215
151	Contrast-enhanced magnetic resonance imaging of the breast. European Journal of Radiology, 2000, 34, 208-219.	1.2	77
152	A new polysaccharide macromolecular contrast agent for MR imaging: Biodistribution and imaging characteristics. , 2000, 11, 694.		1