

Thomas H Helbich

List of Publications by Year in descending order

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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	Magnetic resonance imaging of the breast: Recommendations from the EUSOMA working group. <i>European Journal of Cancer</i> , 2010, 46, 1296-1316.	1.3	813
2	Breast MRI: EUSOBI recommendations for women's information. <i>European Radiology</i> , 2015, 25, 3669-3678.	2.3	330
3	Diffusion-weighted MR for Differentiation of Breast Lesions at 3.0 T: How Does Selection of Diffusion Protocols Affect Diagnosis?. <i>Radiology</i> , 2009, 253, 341-351.	3.6	262
4	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. <i>Journal of Clinical Oncology</i> , 2015, 33, 1128-1135.	0.8	252
5	Dynamic High-Spatial-Resolution MR Imaging of Suspicious Breast Lesions. <i>American Journal of Roentgenology</i> , 2000, 175, 35-43.	1.0	215
6	Readout-segmented Echo-planar Imaging Improves the Diagnostic Performance of Diffusion-weighted MR Breast Examinations at 3.0 T. <i>Radiology</i> , 2012, 263, 64-76.	3.6	180
7	Probably Benign Breast Masses at US: Is Follow-up an Acceptable Alternative to Biopsy?. <i>Radiology</i> , 2007, 244, 87-93.	3.6	147
8	US-guided 14-gauge Core-Needle Breast Biopsy: Results of a Validation Study in 1352 Cases. <i>Radiology</i> , 2008, 248, 406-413.	3.6	142
9	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). <i>European Radiology</i> , 2022, 32, 4036-4045.	2.3	137
10	Stereotactic 11-Gauge Vacuum-Assisted Breast Biopsy: A Validation Study. <i>American Journal of Roentgenology</i> , 2002, 179, 1503-1507.	1.0	136
11	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. <i>European Radiology</i> , 2017, 27, 2737-2743.	2.3	136
12	Diffusion-Weighted Imaging With Apparent Diffusion Coefficient Mapping for Breast Cancer Detection as a Stand-Alone Parameter. <i>Investigative Radiology</i> , 2018, 53, 587-595.	3.5	130
13	Can we reduce the workload of mammographic screening by automatic identification of normal exams with artificial intelligence? A feasibility study. <i>European Radiology</i> , 2019, 29, 4825-4832.	2.3	129
14	Guidelines from the European Society of Breast Imaging for diagnostic interventional breast procedures. <i>European Radiology</i> , 2007, 17, 581-588.	2.3	122
15	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. <i>Clinical Cancer Research</i> , 2018, 24, 6300-6307.	3.2	112
16	The potential of multiparametric MRI of the breast. <i>British Journal of Radiology</i> , 2017, 90, 20160715.	1.0	110
17	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. <i>Investigative Radiology</i> , 2014, 49, 421-430.	3.5	107
18	Abbreviated MRI of the Breast: Does It Provide Value?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e85-e100.	1.9	107

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19	Multiparametric MRI of the breast: A review. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 301-315.	1.9	105
20	A Combined High Temporal and High Spatial Resolution 3 Tesla MR Imaging Protocol for the Assessment of Breast Lesions. <i>Investigative Radiology</i> , 2009, 44, 553-558.	3.5	104
21	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. <i>Clinical Cancer Research</i> , 2007, 13, 6144-6152.	3.2	99
22	Contribution of mammography to MRI screening in BRCA mutation carriers by BRCA status and age: individual patient data meta-analysis. <i>British Journal of Cancer</i> , 2016, 114, 631-637.	2.9	99
23	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2020, 11, 12.	1.6	96
24	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2018, 9, 449-461.	1.6	95
25	MRI-only lesions: application of diffusion-weighted imaging obviates unnecessary MR-guided breast biopsies. <i>European Radiology</i> , 2014, 24, 1204-1210.	2.3	87
26	Quantitative Apparent Diffusion Coefficient as a Noninvasive Imaging Biomarker for the Differentiation of Invasive Breast Cancer and Ductal Carcinoma In Situ. <i>Investigative Radiology</i> , 2015, 50, 95-100.	3.5	87
27	A survey by the European Society of Breast Imaging on the utilisation of breast MRI in clinical practice. <i>European Radiology</i> , 2018, 28, 1909-1918.	2.3	85
28	Malignancy rates and diagnostic performance of the Bosniak classification for the diagnosis of cystic renal lesions in computed tomography – a systematic review and meta-analysis. <i>European Radiology</i> , 2017, 27, 2239-2247.	2.3	83
29	Improved Differentiation of Benign and Malignant Breast Tumors with Multiparametric 18Fluorodeoxyglucose Positron Emission Tomography Magnetic Resonance Imaging: A Feasibility Study. <i>Clinical Cancer Research</i> , 2014, 20, 3540-3549.	3.2	82
30	Diffusion-weighted imaging of breast lesions: Region-of-interest placement and different ADC parameters influence apparent diffusion coefficient values. <i>European Radiology</i> , 2017, 27, 1883-1892.	2.3	82
31	Mammography: an update of the EUSOBI recommendations on information for women. <i>Insights Into Imaging</i> , 2017, 8, 11-18.	1.6	78
32	Contrast-enhanced magnetic resonance imaging of the breast. <i>European Journal of Radiology</i> , 2000, 34, 208-219.	1.2	77
33	High-risk lesions diagnosed at MRI-guided vacuum-assisted breast biopsy: can underestimation be predicted?. <i>European Radiology</i> , 2011, 21, 582-589.	2.3	75
34	Magnetic Resonance Imaging Improves Breast Screening Sensitivity in <i>BRCA</i> Mutation Carriers Age ≥ 50 Years: Evidence From an Individual Patient Data Meta-Analysis. <i>Journal of Clinical Oncology</i> , 2015, 33, 349-356.	0.8	72
35	Diffusion-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. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 836-846.	1.9	72
36	Limited Tumor Tissue Drug Penetration Contributes to Primary Resistance against Angiogenesis Inhibitors. <i>Theranostics</i> , 2017, 7, 400-412.	4.6	71

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37	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. <i>Nature Communications</i> , 2019, 10, 2717.	5.8	70
38	MRI assessment of microvascular characteristics in experimental breast tumors using a new blood pool contrast agent (MS-325) with correlations to histopathology. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 237-242.	1.9	69
39	Quantitative Sodium MR Imaging at 7 T: Initial Results and Comparison with Diffusion-weighted Imaging in Patients with Breast Tumors. <i>Radiology</i> , 2016, 280, 39-48.	3.6	69
40	Loss of the ribosomal RNA methyltransferase NSUN5 impairs global protein synthesis and normal growth. <i>Nucleic Acids Research</i> , 2019, 47, 11807-11825.	6.5	67
41	A simple scoring system for breast MRI interpretation: does it compensate for reader experience?. <i>European Radiology</i> , 2016, 26, 2529-2537.	2.3	62
42	CD8+ T cells induce cachexia during chronic viral infection. <i>Nature Immunology</i> , 2019, 20, 701-710.	7.0	62
43	Three-dimensional Proton MR Spectroscopic Imaging at 3 T for the Differentiation of Benign and Malignant Breast Lesions. <i>Radiology</i> , 2011, 261, 752-761.	3.6	61
44	A simple classification system (the Tree flowchart) for breast MRI can reduce the number of unnecessary biopsies in MRI-only lesions. <i>European Radiology</i> , 2017, 27, 3799-3809.	2.3	59
45	Investigating the prediction value of multiparametric magnetic resonance imaging at 3T in response to neoadjuvant chemotherapy in breast cancer. <i>European Radiology</i> , 2017, 27, 1901-1911.	2.3	59
46	Bilateral Diffusion-weighted MR Imaging of Breast Tumors with Submillimeter Resolution Using Readout-segmented Echo-planar Imaging at 7 T. <i>Radiology</i> , 2015, 274, 74-84.	3.6	58
47	Individually Stabilized, Superparamagnetic Nanoparticles with Controlled Shell and Size Leading to Exceptional Stealth Properties and High Relaxivities. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3343-3353.	4.0	53
48	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). <i>Insights Into Imaging</i> , 2021, 12, 119.	1.6	51
49	Diffusion-weighted Imaging Allows for Downgrading MR BI-RADS 4 Lesions in Contrast-enhanced MRI of the Breast to Avoid Unnecessary Biopsy. <i>Clinical Cancer Research</i> , 2021, 27, 1941-1948.	3.2	51
50	A new polysaccharide macromolecular contrast agent for MR imaging: Biodistribution and imaging characteristics. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 11, 694-701.	1.9	50
51	Computer-assisted quantitative assessment of power Doppler US: effects of microbubble contrast agent in the differentiation of breast tumors. <i>European Journal of Radiology</i> , 2005, 53, 238-244.	1.2	50
52	Multiparametric MRI model with dynamic contrast-enhanced and diffusion-weighted imaging enables breast cancer diagnosis with high accuracy. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 864-874.	1.9	49
53	Diffusion-weighted MRI of breast lesions: a prospective clinical investigation of the quantitative imaging biomarker characteristics of reproducibility, repeatability, and diagnostic accuracy. <i>NMR in Biomedicine</i> , 2016, 29, 1445-1453.	1.6	46
54	Quantitative Multiparametric Breast Ultrasound. <i>Investigative Radiology</i> , 2019, 54, 257-264.	3.5	46

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55	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
56	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
57	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
58	Contrast-enhanced Mammography versus Contrast-enhanced Breast MRI: A Systematic Review and Meta-Analysis. Radiology, 2022, 305, 94-103.	3.6	41
59	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
60	MR-guided vacuum-assisted breast biopsy of MRI-only lesions: a single center experience. European Radiology, 2016, 26, 3908-3916.	2.3	39
61	Quantitative gadopentetate-enhanced MRI of breast tumors: Testing of different analytic methods. Magnetic Resonance in Medicine, 2000, 44, 915-924.	1.9	38
62	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
63	Application of BI-RADS Descriptors in Contrast-Enhanced Dual-Energy Mammography: Comparison with MRI. Breast Care, 2017, 12, 212-216.	0.8	37
64	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
65	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
66	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
67	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
68	Breast Tumor Characterization Using [18F]FDG-PET/CT Imaging Combined with Data Preprocessing and Radiomics. Cancers, 2021, 13, 1249.	1.7	32
69	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
70	Introduction of an Automated User-Independent Quantitative Volumetric Magnetic Resonance Imaging Breast Density Measurement System Using the Dixon Sequence. Investigative Radiology, 2015, 50, 73-80.	3.5	30
71	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). European Radiology, 2022, 32, 1611-1623.	2.3	30
72	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

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73	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. <i>European Journal of Radiology</i> , 2018, 106, 150-159.	1.2	28
74	Interruption of vascular endothelial growth factor receptor 2 signaling induces a proliferative pulmonary vasculopathy and pulmonary hypertension. <i>Basic Research in Cardiology</i> , 2020, 115, 58.	2.5	28
75	Dynamic Contrast-Enhanced Magnetic Resonance Imaging of Breast Tumors at 3 and 7 T. <i>Investigative Radiology</i> , 2014, 49, 354-362.	3.5	27
76	Diffusion-Weighted MRI of Breast Cancer: Improved Lesion Visibility and Image Quality Using Synthetic b-Values. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1754-1761.	1.9	27
77	Feasibility of dominant intraprostatic lesion boosting using advanced photon-, proton- or brachytherapy. <i>Radiotherapy and Oncology</i> , 2015, 117, 509-514.	0.3	25
78	Impact of hybrid PET/MR technology on multiparametric imaging and treatment response assessment of cervix cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 420-425.	0.3	25
79	MRI-based quantification of residual fibroglandular tissue of the breast after conservative mastectomies. <i>European Journal of Radiology</i> , 2018, 104, 1-7.	1.2	25
80	Automatic segmentation and classification of breast lesions through identification of informative multiparametric PET/MRI features. <i>European Radiology Experimental</i> , 2019, 3, 18.	1.7	25
81	Radiomics and Machine Learning with Multiparametric Breast MRI for Improved Diagnostic Accuracy in Breast Cancer Diagnosis. <i>Diagnostics</i> , 2021, 11, 919.	1.3	25
82	Nintedanib Is Active in Malignant Pleural Mesothelioma Cell Models and Inhibits Angiogenesis and Tumor Growth <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2018, 24, 3729-3740.	3.2	24
83	Lesion Miss Rates and False-Negative Rates for 1115 Consecutive Cases of Stereotactically Guided Needle-localized Open Breast Biopsy with Long-term Follow-up. <i>Radiology</i> , 2005, 237, 847-853.	3.6	23
84	Radiological staging in pregnant patients with cancer. <i>ESMO Open</i> , 2016, 1, e000017.	2.0	23
85	Development of a Non-invasive Assessment of Hypoxia and Neovascularization with Magnetic Resonance Imaging in Benign and Malignant Breast Tumors: Initial Results. <i>Molecular Imaging and Biology</i> , 2019, 21, 758-770.	1.3	23
86	Image Quality, lesion detection, and diagnostic efficacy in digital mammography: Full-field digital mammography versus computed radiography-based mammography using digital storage phosphor plates. <i>European Journal of Radiology</i> , 2008, 67, 487-496.	1.2	22
87	Diagnostic accuracy of 18F-FDG PET/CT compared with that of contrast-enhanced MRI of the breast at 3 T. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1656-1665.	3.3	22
88	Evaluation of 3.0-T MRI Brain Signal after Exposure to Gadoterate Meglumine in Women with High Breast Cancer Risk and Screening Breast MRI. <i>Radiology</i> , 2019, 293, 523-530.	3.6	21
89	Association between pathology and texture features of multi parametric MRI of the prostate. <i>Physics in Medicine and Biology</i> , 2017, 62, 7833-7854.	1.6	20
90	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. <i>Investigative Radiology</i> , 2018, 53, 736-741.	3.5	20

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91	Impact of osteopontin on the development of non- α -alcoholic liver disease and related hepatocellular carcinoma. <i>Liver International</i> , 2020, 40, 1620-1633.	1.9	20
92	Quantitative Assessment of Breast Parenchymal Uptake on 18 F-FDG PET/CT: Correlation with Age, Background Parenchymal Enhancement, and Amount of Fibroglandular Tissue on MRI. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1518-1522.	2.8	19
93	Contrast-enhanced dual energy mammography with a novel anode/filter combination and artifact reduction: a feasibility study. <i>European Radiology</i> , 2016, 26, 1575-1581.	2.3	19
94	Low-Dose, Contrast-Enhanced Mammography Compared to Contrast-Enhanced Breast MRI: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 589-595.	1.9	19
95	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. <i>European Radiology</i> , 2020, 30, 5427-5436.	2.3	18
96	An A.I. classifier derived from 4D radiomics of dynamic contrast-enhanced breast MRI data: potential to avoid unnecessary breast biopsies. <i>European Radiology</i> , 2021, 31, 5866-5876.	2.3	18
97	Multiparametric MRI of the prostate at 3T: limited value of 3D 1 H-MR spectroscopy as a fourth parameter. <i>World Journal of Urology</i> , 2016, 34, 649-656.	1.2	16
98	Changes in Tumor Biology During Chemoradiation of Cervix Cancer Assessed by Multiparametric MRI and Hypoxia PET. <i>Molecular Imaging and Biology</i> , 2018, 20, 160-169.	1.3	16
99	Rectal preparation significantly improves prostate imaging quality: Assessment of the PI-QUAL score with visual grading characteristics. <i>European Journal of Radiology</i> , 2022, 147, 110145.	1.2	16
100	Breast Lesion Classification with Multiparametric Breast MRI Using Radiomics and Machine Learning: A Comparison with Radiologists' Performance. <i>Cancers</i> , 2022, 14, 1743.	1.7	16
101	Vesical Imaging Reporting and Data System (VI-RADS): Are the individual MRI sequences equivalent in diagnostic performance of high grade NMIBC and MIBC?. <i>European Journal of Radiology</i> , 2021, 142, 109829.	1.2	15
102	Automated Detection and Segmentation of Nonmass-Enhancing Breast Tumors with Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.4	14
103	Can supplementary contrast-enhanced MRI of the breast avoid needle biopsies in suspicious microcalcifications seen on mammography? A systematic review and meta-analysis. <i>Breast</i> , 2021, 56, 53-60.	0.9	14
104	Can we predict lesion detection rates in second-look ultrasound of MRI-detected breast lesions? A systematic analysis. <i>European Journal of Radiology</i> , 2019, 113, 96-100.	1.2	13
105	Correct determination of the enhancement curve is critical to ensure accurate diagnosis using the Kaiser score as a clinical decision rule for breast MRI. <i>European Journal of Radiology</i> , 2021, 138, 109630.	1.2	13
106	Accuracy of fully automated, quantitative, volumetric measurement of the amount of fibroglandular breast tissue using MRI: correlation with anthropomorphic breast phantoms. <i>NMR in Biomedicine</i> , 2017, 30, e3705.	1.6	12
107	Breast lesion detection and characterization with contrast-enhanced magnetic resonance imaging: Prospective randomized intraindividual comparison of gadoterate meglumine (0.15 mmol/kg) and gadobenate dimeglumine (0.075 mmol/kg) at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1157-1165.	1.9	12
108	Multiparametric 18 F-FDG PET/MRI of the Breast: Are There Differences in Imaging Biomarkers of Contralateral Healthy Tissue Between Patients With and Without Breast Cancer?. <i>Journal of Nuclear Medicine</i> , 2020, 61, 20-25.	2.8	12

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109	Clinical relevance of total choline (tCho) quantification in suspicious lesions on multiparametric breast MRI. <i>European Radiology</i> , 2020, 30, 3371-3382.	2.3	12
110	Potential of Dose Reduction After Marker Placement With Full-Field Digital Mammography. <i>Investigative Radiology</i> , 2005, 40, 343-348.	3.5	11
111	MRI in the Assessment of BI-RADS® 4 lesions. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 191-199.	0.7	11
112	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. <i>European Journal of Radiology</i> , 2017, 93, 252-257.	1.2	11
113	Substantial radiation dose reduction with consistent image quality using a novel low-dose stone composition protocol. <i>World Journal of Urology</i> , 2020, 38, 2971-2979.	1.2	11
114	Density estimation of grey-level co-occurrence matrices for image texture analysis. <i>Physics in Medicine and Biology</i> , 2018, 63, 195017.	1.6	10
115	The Role of Tenascin C in Cardiac Reverse Remodeling Following Banding—Debanding of the Ascending Aorta. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2023.	1.8	10
116	Consensus Meeting of Breast Imaging: BI-RADS® and Beyond. <i>Breast Care</i> , 2019, 14, 308-314.	0.8	9
117	A multiparametric [18F]FDG PET/MRI diagnostic model including imaging biomarkers of the tumor and contralateral healthy breast tissue aids breast cancer diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1878-1888.	3.3	9
118	Sequential [¹⁸ F]FDG-[¹⁸ F]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.4	9
119	Non-Invasive Assessment of Hypoxia and Neovascularization with MRI for Identification of Aggressive Breast Cancer. <i>Cancers</i> , 2020, 12, 2024.	1.7	9
120	Dissecting Differential Complex Behavioral Responses to Simulated Space Radiation Exposures. <i>Radiation Research</i> , 2021, 197, .	0.7	9
121	Virtual Touch IQ elastography reduces unnecessary breast biopsies by applying quantitative “in” and “out” threshold values. <i>Scientific Reports</i> , 2018, 8, 3583.	1.6	8
122	Density and tailored breast cancer screening: practice and prediction “ an overview. <i>Acta Radiologica Open</i> , 2018, 7, 205846011879121.	0.3	8
123	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2~ Early Invasive Breast Cancer: a Molecular Imaging Study Using [18F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019, 21, 991-1002.	1.3	8
124	Multimodal [18F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNF± Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1632-1645.	3.1	8
125	Improved dosimetry in prostate brachytherapy using high resolution contrast enhanced magnetic resonance imaging: a feasibility study. <i>Journal of Contemporary Brachytherapy</i> , 2014, 4, 337-343.	0.4	7
126	Influence of fat-water separation and spatial resolution on automated volumetric MRI measurements of fibroglandular breast tissue. <i>NMR in Biomedicine</i> , 2016, 29, 702-708.	1.6	7

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127	A Simple Ultrasound Based Classification Algorithm Allows Differentiation of Benign from Malignant Breast Lesions by Using Only Quantitative Parameters. <i>Molecular Imaging and Biology</i> , 2018, 20, 1053-1060.	1.3	7
128	Cross-Modality Imaging of Murine Tumor Vasculature—a Feasibility Study. <i>Molecular Imaging and Biology</i> , 2021, 23, 874-893.	1.3	7
129	Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. <i>PLoS ONE</i> , 2017, 12, e0180790.	1.1	7
130	Multimodality Imaging of Breast Parenchymal Density and Correlation with Risk Assessment. <i>Current Breast Cancer Reports</i> , 2019, 11, 23-33.	0.5	5
131	Factors influencing agreement of breast cancer luminal molecular subtype by Ki67 labeling index between core needle biopsy and surgical resection specimens. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 545-555.	1.4	5
132	Can second-look ultrasound downgrade MRI-detected lesions? A retrospective study. <i>European Journal of Radiology</i> , 2020, 127, 108976.	1.2	5
133	Intestinal bacterial indicator phylotypes associate with impaired DNA double-stranded break sensors but augmented skeletal bone micro-structure. <i>Carcinogenesis</i> , 2020, 41, 483-489.	1.3	4
134	Microstructural breast tissue characterization: A head-to-head comparison of Diffusion Weighted Imaging and Acoustic Radiation Force Impulse elastography with clinical implications. <i>European Journal of Radiology</i> , 2021, 143, 109926.	1.2	4
135	Breast MRI: does a clinical decision algorithm outweigh reader experience?. <i>European Radiology</i> , 2022, 32, 6557-6564.	2.3	4
136	Intra- and inter-observer variability in dependence of T1-time correction for common dynamic contrast enhanced MRI parameters in prostate cancer patients. <i>European Journal of Radiology</i> , 2019, 116, 27-33.	1.2	3
137	4D perfusion CT of prostate cancer for image-guided radiotherapy planning: A proof of concept study. <i>PLoS ONE</i> , 2019, 14, e0225673.	1.1	3
138	Pharmacokinetic Analysis of Dynamic Contrast-Enhanced Magnetic Resonance Imaging at 7T for Breast Cancer Diagnosis and Characterization. <i>Cancers</i> , 2020, 12, 3763.	1.7	3
139	Ameliorative effects of deferiprone and tetraethylammonium salt of salinomycinic acid on lead-induced toxicity in mouse testes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6784-6795.	2.7	3
140	Particle Radiation Side-Effects: Intestinal Microbiota Composition Shapes Interferon- β -Induced Osteo-Immunity. <i>Radiation Research</i> , 2021, 197, 184-192.	0.7	2
141	Comparative Effects of Deferiprone and Salinomycin on Lead-Induced Disturbance in the Homeostasis of Intrarenal Essential Elements in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4368.	1.8	2
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