Ritse M Mann

List of Publications by Year
in descending order

168 papers	9,468 citations	50170 46 h-index	43802 91 g-index
169 all docs	169 docs citations	169 times ranked	6885 citing authors

#	Article	IF	Citations
1	Fourâ€Dimensional Machine Learning Radiomics for the Pretreatment Assessment of Breast Cancer Pathologic Complete Response to Neoadjuvant Chemotherapy in Dynamic <scp>Contrastâ€Enhanced MRI</scp>. Journal of Magnetic Resonance Imaging, 2023, 57, 97-110.	1.9	12
2	In Vivo 3D Power Doppler Imaging Using Continuous Translation and Ultrafast Ultrasound. IEEE Transactions on Biomedical Engineering, 2022, 69, 1042-1051.	2.5	4
3	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
4	Interval Cancer Detection Using a Neural Network and Breast Density in Women with Negative Screening Mammograms. Radiology, 2022, 303, 269-275.	3.6	26
5	Application of Deep Learning in Breast Cancer Imaging. Seminars in Nuclear Medicine, 2022, 52, 584-596.	2.5	46
6	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
7	4D radiomics in dynamic contrast-enhanced MRI: prediction of pathological complete response and systemic recurrence in triple-negative breast cancer. , 2022, , .		0
8	A survey by the European Society of Breast Imaging on the implementation of breast diffusion-weighted imaging in clinical practice. European Radiology, 2022, 32, 6588-6597.	2.3	14
9	The yield and effectiveness of breast cancer surveillance in women with <scp>PTEN</scp> Hamartoma Tumor Syndrome. Cancer, 2022, 128, 2883-2891.	2.0	4
10	Contrast-enhanced Mammography: Moving Ahead with Perfusion Imaging. Radiology, 2022, 305, 104-106.	3.6	5
11	Exploiting the Dixon Method for a Robust Breast and Fibro-Glandular Tissue Segmentation in Breast MRI. Diagnostics, 2022, 12, 1690.	1.3	0
12	Artificial intelligence for breast cancer detection in mammography and digital breast tomosynthesis: State of the art. Seminars in Cancer Biology, 2021, 72, 214-225.	4.3	121
13	The value of mammography in women with focal breast complaints in addition to initial targeted ultrasound. Breast Cancer Research and Treatment, 2021, 185, 381-389.	1.1	3
14	Multiâ€marker quantitative radiomics for mass characterization in dedicated breast CT imaging. Medical Physics, 2021, 48, 313-328.	1.6	12
15	Computer-aided diagnosis of masses in breast computed tomography imaging: deep learning model with combined handcrafted and convolutional radiomic features. Journal of Medical Imaging, 2021, 8, 024501.	0.8	5
16	Quantitative Evaluation of an Automated Cone-Based Breast Ultrasound Scanner for MRIâ€“3D US Image Fusion. IEEE Transactions on Medical Imaging, 2021, 40, 1229-1239.	5.4	23
17	The Impact of Preoperative Breast MRI on Surgical Margin Status in Breast Cancer Patients Recalled at Biennial Screening Mammography: An Observational Cohort Study. Annals of Surgical Oncology, 2021, 28, 5929-5938.	0.7	5
18	Pathologic response of ductal carcinoma in situ to neoadjuvant systemic treatment in HER2-positive breast cancer. Breast Cancer Research and Treatment, 2021, 189, 213-224.	1.1	7

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19	Impact of artificial intelligence support on accuracy and reading time in breast tomosynthesis image interpretation: a multi-reader multi-case study. European Radiology, 2021, 31, 8682-8691.	2.3	37
20	Comparison of simultaneous multi-slice single-shot DWI to readout-segmented DWI for evaluation of breast lesions at 3T MRI. European Journal of Radiology, 2021, 138, 109626.	1.2	9
21	Supplemental Breast MRI for Women with Extremely Dense Breasts: Results of the Second Screening Round of the DENSE Trial. Radiology, 2021, 299, 278-286.	3.6	66
22	ASO Visual Abstract: The Impact of Preoperative Breast MRI on Surgical Margin Status in Breast Cancer Patients Recalled at Biennial Screening Mammography: An Observational Cohort Study. Annals of Surgical Oncology, 2021, 28, 432.	0.7	0
23	Tomosynthesis Is Taking Small Steps to Become the Standard for Breast Cancer Screening. Radiology, 2021, 299, 568-570.	3.6	0
24	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
25	Automatic breast lesion detection in ultrafast DCEâ€MRI using deep learning. Medical Physics, 2021, 48, 5897-5907.	1.6	18
26	Partial Adrenalectomy Carries a Considerable Risk of Incomplete Cure in Primary Aldosteronism. Journal of Urology, 2021, 206, 219-228.	0.2	4
27	Reducing False-Positive Screening MRI Rate in Women with Extremely Dense Breasts Using Prediction Models Based on Data from the DENSE Trial. Radiology, 2021, 301, 283-292.	3.6	9
28	The Effects of Multidisciplinary Team Meetings on Clinical Practice for Colorectal, Lung, Prostate and Breast Cancer: A Systematic Review. Cancers, 2021, 13, 4159.	1.7	31
29	Cost-Effectiveness of Magnetic Resonance Imaging Screening for Women With Extremely Dense Breast Tissue. Journal of the National Cancer Institute, 2021, 113, 1476-1483.	3.0	39
30	Impact of Artificial Intelligence Decision Support Using Deep Learning on Breast Cancer Screening Interpretation with Single-View Wide-Angle Digital Breast Tomosynthesis. Radiology, 2021, 300, 529-536.	3.6	27
31	Diffusion weighted imaging for evaluation of breast lesions: Comparison between high b-value single-shot and routine readout-segmented sequences at 3ÂT. Magnetic Resonance Imaging, 2021, 84, 35-40.	1.0	3
32	Factors affecting the value of diffusion-weighted imaging for identifying breast cancer patients with pathological complete response on neoadjuvant systemic therapy: a systematic review. Insights Into Imaging, 2021, 12, 187.	1.6	13
33	Breast magnetic resonance imaging as a problem solving tool in women recalled at biennial screening mammography: A population-based study in the Netherlands. Breast, 2021, 60, 279-286.	0.9	8
34	Accelerated Tissue Processing With Minimal Formalin Fixation Time for 9-Gauge Vacuum-Assisted Breast Biopsy Specimens. American Journal of Clinical Pathology, 2020, 153, 58-65.	0.4	3
35	Validation of radiologistsâ€™ findings by computer-aided detection (CAD) software in breast cancer detection with automated 3D breast ultrasound: a concept study in implementation of artificial intelligence software. Acta Radiologica, 2020, 61, 312-320.	0.5	16
36	Stand-alone artificial intelligence - The future of breast cancer screening?. Breast, 2020, 49, 254-260.	0.9	47

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37	Diffusion-weighted imaging of the breastâ€"a consensus and mission statement from the EUSOBI International Breast Diffusion-Weighted Imaging working group. European Radiology, 2020, 30, 1436-1450.	2.3	255
38	Minimally invasive breast cancer excision using the breast lesion excision system under ultrasound guidance. Breast Cancer Research and Treatment, 2020, 184, 37-43.	1.1	3
39	Cost-effectiveness of Breast Cancer Screening With Magnetic Resonance Imaging for Women at Familial Risk. JAMA Oncology, 2020, 6, 1381.	3.4	31
40	Prognostic factors in patients with oligometastatic breast cancer â€" A systematic review. Cancer Treatment Reviews, 2020, 91, 102114.	3.4	24
41	Novel Approaches to Screening for Breast Cancer. Radiology, 2020, 297, 266-285.	3.6	77
42	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. European Radiology, 2020, 30, 5427-5436.	2.3	18
43	Production and clinical evaluation of breast lesion skin markers for automated three-dimensional ultrasonography of the breast: a pilot study. European Radiology, 2020, 30, 3356-3362.	2.3	0
44	The supplemental value of mammographic screening over breast MRI alone in BRCA2 mutation carriers. Breast Cancer Research and Treatment, 2020, 181, 581-588.	1.1	10
45	Reliability of MRI tumor size measurements for minimal invasive treatment selection in small breast cancers. European Journal of Surgical Oncology, 2020, 46, 1463-1470.	0.5	4
46	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
47	Deep learning-based segmentation of breast masses in dedicated breast CT imaging: Radiomic feature stability between radiologists and artificial intelligence. Computers in Biology and Medicine, 2020, 118, 103629.	3.9	48
48	Can AI serve as an independent second reader of mammograms? a simulation study. , 2020, , .		2
49	MRI Protocols for Breast Cancer Screening. , 2020, , 43-61.		0
50	Abstract GS4-07: Costs and effects in the first randomized trial comparing MRI breast cancer screening with mammography in women with a familial risk: FaMRIsc. , 2020, , .		1
51	Do We Need Optoacoustic Assessment of Hypoxia to Differentiate Molecular Subtypes of Breast Cancer?. Radiology, 2019, 292, 573-574.	3.6	0
52	Breast MRI: State of the Art. Radiology, 2019, 292, 520-536.	3.6	442
53	Is Background Parenchymal Enhancement an Important Risk Factor for Breast Cancer Development in Women with Increased Risk?. Radiology, 2019, 292, 562-563.	3.6	3
54	A systematic review on the use of the breast lesion excision system in breast disease. Insights Into Imaging, 2019, 10, 49.	1.6	5

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55	Artificial Intelligence for Mammography and Digital Breast Tomosynthesis: Current Concepts and Future Perspectives. Radiology, 2019, 293, 246-259.	3.6	180
56	Contrastâ€enhanced MRI for breast cancer screening. Journal of Magnetic Resonance Imaging, 2019, 50, 377-390.	1.9	199
57	Is Ultrafast or Abbreviated Breast MRI Ready for Prime Time?. Current Breast Cancer Reports, 2019, 11, 9-16.	0.5	14
58	MRI versus mammography for breast cancer screening in women with familial risk (FaMRIsc): a multicentre, randomised, controlled trial. Lancet Oncology, The, 2019, 20, 1136-1147.	5.1	112
59	Optoacoustic imaging of the breast: correlation with histopathology and histopathologic biomarkers. European Radiology, 2019, 29, 6728-6740.	2.3	17
60	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
61	Stand-Alone Artificial Intelligence for Breast Cancer Detection in Mammography: Comparison With 101 Radiologists. Journal of the National Cancer Institute, 2019, 111, 916-922.	3.0	372
62	Amount of fibroglandular tissue FGT and background parenchymal enhancement BPE in relation to breast cancer risk and false positives in a breast MRI screening program. European Radiology, 2019, 29, 4678-4690.	2.3	23
63	Supplemental MRI Screening for Women with Extremely Dense Breast Tissue. New England Journal of Medicine, 2019, 381, 2091-2102.	13.9	388
64	Artificial Intelligenceâ€“Based Classification of Breast Lesions Imaged With a Multiparametric Breast MRI Protocol With Ultrafast DCE-MRI, T2, and DWI. Investigative Radiology, 2019, 54, 325-332.	3.5	90
65	Detection of Breast Cancer with Mammography: Effect of an Artificial Intelligence Support System. Radiology, 2019, 290, 305-314.	3.6	347
66	Ultrasound-guided breast biopsy of ultrasound occult lesions using multimodality image co-registration and tissue displacement tracking. , 2019, , .		1
67	Abstract P2-08-43: Can optoacoustic imaging combined with ultrasound non-invasively offer prognosis for breast cancer molecular subtypes?. , 2019, , .		0
68	Deep learning framework for digital breast tomosynthesis reconstruction. , 2019, , .		1
69	Breast parenchyma analysis and classification for breast masses detection using texture feature descriptors and neural networks in dedicated breast CT images. , 2019, , .		1
70	Vendor-independent soft tissue lesion detection using weakly supervised and unsupervised adversarial domain adaptation. , 2019, , .		0
71	An unsupervised automatic segmentation algorithm for breast tissue classification of dedicated breast computed tomography images. Medical Physics, 2018, 45, 2542-2559.	1.6	27
72	Downgrading of Breast Masses Suspicious for Cancer by Using Optoacoustic Breast Imaging. Radiology, 2018, 288, 355-365.	3.6	71

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73	Automated Three-dimensional Breast US for Screening: Technique, Artifacts, and Lesion Characterization. Radiographics, 2018, 38, 663-683.	1.4	55
74	The frequency of missed breast cancers in women participating in a high-risk MRI screening program. Breast Cancer Research and Treatment, 2018, 169, 323-331.	1.1	29
75	Dedicated computer-aided detection software for automated 3D breast ultrasound; an efficient tool for the radiologist in supplemental screening of women with dense breasts. European Radiology, 2018, 28, 2996-3006.	2.3	52
76	New reconstruction algorithm for digital breast tomosynthesis: better image quality for humans and computers. Acta Radiologica, 2018, 59, 1051-1059.	0.5	26
77	One-view digital breast tomosynthesis as a stand-alone modality for breast cancer detection: do we need more?. European Radiology, 2018, 28, 1938-1948.	2.3	23
78	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
79	Influence of Risk Category and Screening Round on the Performance of an MR Imaging and Mammography Screening Program in Carriers of the BRCA Mutation and Other Women at Increased Risk. Radiology, 2018, 286, 443-451.	3.6	48
80	The importance of early detection of calcifications associated with breast cancer in screening. Breast Cancer Research and Treatment, 2018, 167, 451-458.	1.1	32
81	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
82	Advances in breast intervention: where are we now and where should we be?. Clinical Radiology, 2018, 73, 724-734.	0.5	17
83	Multireader Study on the Diagnostic Accuracy of Ultrafast Breast Magnetic Resonance Imaging for Breast Cancer Screening. Investigative Radiology, 2018, 53, 579-586.	3.5	60
84	Comparison of breast cancer detection and depiction between planar and rotating synthetic mammography generated from breast tomosynthesis. European Journal of Radiology, 2018, 108, 78-83.	1.2	3
85	Development of 3D patient-based super-resolution digital breast phantoms using machine learning. Physics in Medicine and Biology, 2018, 63, 225017.	1.6	11
86	The added value of mammography in different age-groups of women with and without BRCA mutation screened with breast MRI. Breast Cancer Research, 2018, 20, 84.	2.2	40
87	Reasons for (non)participation in supplemental population-based MRI breast screening for women with extremely dense breasts. Clinical Radiology, 2018, 73, 759.e1-759.e9.	0.5	23
88	MRI-based response patterns during neoadjuvant chemotherapy can predict pathological (complete) response in patients with breast cancer. Breast Cancer Research, 2018, 20, 34.	2.2	47
89	MRI-Guided Biopsy as a Tool for Diagnosis and Research of Muscle Disorders. Journal of Neuromuscular Diseases, 2018, 5, 315-319.	1.1	24
90	Patientâ€based 4D digital breast phantom for perfusion contrastâ€enhanced breast <scp>CT</scp> imaging. Medical Physics, 2018, 45, 4448-4460.	1.6	9

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91	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
92	The correlation of background parenchymal enhancement in the contralateral breast with patient and tumor characteristics of MRI-screen detected breast cancers. PLoS ONE, 2018, 13, e0191399.	1.1	14
93	Fully automated detection of breast cancer in screening MRI using convolutional neural networks. Journal of Medical Imaging, 2018, 5, 1.	0.8	43
94	Can radiologists improve their breast cancer detection in mammography when using a deep learning based computer system as decision support?. , 2018, , .		7
95	Automated lesion detection and segmentation in digital mammography using a u-net deep learning network. , 2018, , .		16
96	How does wide-angle breast tomosynthesis depict calcifications in comparison to digital mammography? A retrospective observer study. , 2018, , .		2
97	3D volume reconstruction from serial breast specimen radiographs for mapping between histology and 3D whole specimen imaging. Medical Physics, 2017, 44, 935-948.	1.6	18
98	3D quantitative breast ultrasound analysis for differentiating fibroadenomas and carcinomas smaller than 1 cm. European Journal of Radiology, 2017, 88, 141-147.	1.2	9
99	Volumetric breast density affects performance of digital screening mammography. Breast Cancer Research and Treatment, 2017, 162, 95-103.	1.1	114
100	Optimization of volumetric breast density estimation in digital mammograms. Physics in Medicine and Biology, 2017, 62, 3779-3797.	1.6	6
101	Improved cancer detection in automated breast ultrasound by radiologists using Computer Aided Detection. European Journal of Radiology, 2017, 89, 54-59.	1.2	47
102	Time to enhancement derived from ultrafast breast MRI as a novel parameter to discriminate benign from malignant breast lesions. European Journal of Radiology, 2017, 89, 90-96.	1.2	66
103	Quantification of masking risk in screening mammography with volumetric breast density maps. Breast Cancer Research and Treatment, 2017, 162, 541-548.	1.1	32
104	Online self-test identifies women at high familial breast cancer risk in population-based breast cancer screening without inducing anxiety or distress. European Journal of Cancer, 2017, 78, 45-52.	1.3	14
105	Sonographic Phenotypes of Molecular Subtypes of Invasive Ductal Cancer in Automated 3-D Breast Ultrasound. Ultrasound in Medicine and Biology, 2017, 43, 1820-1828.	0.7	10
106	Compressed Sensing for Breast MRI: Resolving the Trade-Off Between Spatial and Temporal Resolution. Investigative Radiology, 2017, 52, 574-582.	3.5	42
107	Surveillance of Women with the BRCA1 or BRCA2 Mutation by Using Biannual Automated Breast US, MR Imaging, and Mammography. Radiology, 2017, 285, 376-388.	3.6	61
108	Contrast-enhanced spectral mammography vs. mammography and MRI â€“ clinical performance in a multi-reader evaluation. European Radiology, 2017, 27, 2752-2764.	2.3	166

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109	Using deep learning to segment breast and fibroglandular tissue in MRI volumes. Medical Physics, 2017, 44, 533-546.	1.6	173
110	Dynamic Contrast-Enhanced Magnetic Resonance Imaging in the Assessment of Inflammatory Breast Cancer Prior to and After Neoadjuvant Treatment. Breast Care, 2017, 12, 224-229.	0.8	12
111	The effect of volumetric breast density on the risk of screen-detected and interval breast cancers: a cohort study. Breast Cancer Research, 2017, 19, 67.	2.2	56
112	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
113	Large scale deep learning for computer aided detection of mammographic lesions. Medical Image Analysis, 2017, 35, 303-312.	7.0	728
114	Notice of Removal: Predicting treatment response in invasive ductal breast carcinoma using three-dimensional quantitative ultrasound analysis. , 2017, , .		0
115	Influence of breast compression pressure on the performance of population-based mammography screening. Breast Cancer Research, 2017, 19, 126.	2.2	39
116	Abstract P4-02-08: Opto-acoustic imaging of the breast: Downclassification and upclassification of suspicious breast masses. , 2017, , .		0
117	Quantification of mammographic masking risk with volumetric breast density maps: how to select women for supplemental screening. , 2016, , .		2
118	Performance of Breast Cancer Screening Depends on Mammographic Compression. Lecture Notes in Computer Science, 2016, , 183-189.	1.0	7
119	Segmentation of malignant lesions in 3D breast ultrasound using a depthâ€dependent model. Medical Physics, 2016, 43, 4074-4084.	1.6	12
120	Automated linking of suspicious findings between automated 3D breast ultrasound volumes. , 2016, , .		0
121	Plane-Wave Compounding in Automated Breast Volume Scanning: A Phantom-Based Study. Ultrasound in Medicine and Biology, 2016, 42, 2493-2503.	0.7	13
122	Consistency of breast density categories in serial screening mammograms: A comparison between automated and human assessment. Breast, 2016, 29, 49-54.	0.9	21
123	A fully automated system for quantification of background parenchymal enhancement in breast DCE-MRI. , 2016, , .		2
124	Whole Mastectomy Volume Reconstruction from 2D Radiographs and Its Mapping to Histology. Lecture Notes in Computer Science, 2016, , 367-374.	1.0	1
125	A Comparison Between a Deep Convolutional Neural Network and Radiologists for Classifying Regions of Interest in Mammography. Lecture Notes in Computer Science, 2016, , 51-56.	1.0	23
126	Automated detection of breast cancer in false-negative screening MRI studies from women at increased risk. European Journal of Radiology, 2016, 85, 472-479.	1.2	23

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127	Simulation and Visualization to Support Breast Surgery Planning. Lecture Notes in Computer Science, 2016, , 257-264.	1.0	1
128	A computer-aided diagnosis system for breast DCE-MRI at high spatiotemporal resolution. Medical Physics, 2015, 43, 84-94.	1.6	27
129	Computerâ€aided detection of breast cancers using Haarâ€like features in automated 3D breast ultrasound. Medical Physics, 2015, 42, 1498-1504.	1.6	32
130	Breast MRI: EUSOBI recommendations for womenâ€™s information. European Radiology, 2015, 25, 3669-3678.	2.3	330
131	Breast Segmentation and Density Estimation in Breast MRI: A Fully Automatic Framework. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 349-357.	3.9	107
132	MR Imaging as an Additional Screening Modality for the Detection of Breast Cancer in Women Aged 50â€“75 Years with Extremely Dense Breasts: The DENSE Trial Study Design. Radiology, 2015, 277, 527-537.	3.6	89
133	Multiplanar Reconstructions of 3D Automated Breast Ultrasound Improve Lesion Differentiation by Radiologists. Academic Radiology, 2015, 22, 1489-1496.	1.3	40
134	Automated localization of breast cancer in DCE-MRI. Medical Image Analysis, 2015, 20, 265-274.	7.0	108
135	Volumetric Breast Density Estimation from Full-Field Digital Mammograms: A Validation Study. PLoS ONE, 2014, 9, e85952.	1.1	111
136	The Added Diagnostic Value of Dynamic Contrast-Enhanced MRI at 3.0 T in Nonpalpable Breast Lesions. PLoS ONE, 2014, 9, e94233.	1.1	6
137	Incorporating texture features in a computer-aided breast lesion diagnosis system for automated three-dimensional breast ultrasound. Journal of Medical Imaging, 2014, 1, 024501.	0.8	16
138	The Role of Imaging Specialists as Authors of Systematic Reviews on Diagnostic and Interventional Imaging and Its Impact on Scientific Quality: Report from the EuroAIM Evidence-based Radiology Working Group. Radiology, 2014, 272, 533-540.	3.6	33
139	A Novel Approach to Contrast-Enhanced Breast Magnetic Resonance Imaging for Screening. Investigative Radiology, 2014, 49, 579-585.	3.5	165
140	Chest-wall segmentation in automated 3D breast ultrasound images using thoracic volume classification. , 2014, , .		0
141	Should we screen BRCA1 mutation carriers only with MRI? A multicenter study. Breast Cancer Research and Treatment, 2014, 144, 577-582.	1.1	66
142	3-T breast magnetic resonance imaging in patients with suspicious microcalcifications on mammography. European Radiology, 2014, 24, 603-609.	2.3	19
143	Automated Characterization of Breast Lesions Imaged With an Ultrafast DCE-MR Protocol. IEEE Transactions on Medical Imaging, 2014, 33, 225-232.	5.4	59
144	MRI to X-ray mammography intensity-based registration with simultaneous optimisation of pose and biomechanical transformation parameters. Medical Image Analysis, 2014, 18, 674-683.	7.0	36

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145	Towards Spatial Correspondence between Specimen and In-vivo Breast Imaging. Lecture Notes in Computer Science, 2014, , 674-680.	1.0	3
146	Breast cancer size estimation with MRI in BRCA mutation carriers and other high risk patients. European Journal of Radiology, 2013, 82, 1416-1422.	1.2	18
147	Computer-Aided Detection of Cancer in Automated 3-D Breast Ultrasound. IEEE Transactions on Medical Imaging, 2013, 32, 1698-1706.	5.4	87
148	Evaluation of the Effect ofÂComputer-Aided Classification ofÂBenign and Malignant Lesions onÂReader Performance in Automated Three-dimensional Breast Ultrasound. Academic Radiology, 2013, 20, 1381-1388.	1.3	25
149	Comparability versus statistical correctness. European Journal of Radiology, 2013, 82, e908.	1.2	1
150	Symmetry-based detection and diagnosis of DCIS in breast MRI. , 2013, , .		3
151	Chest wall segmentation in automated 3D breast ultrasound scans. Medical Image Analysis, 2013, 17, 1273-1281.	7.0	12
152	Generating Synthetic Mammograms From Reconstructed Tomosynthesis Volumes. IEEE Transactions on Medical Imaging, 2013, 32, 2322-2331.	5.4	35
153	Finding lesion correspondences in different views of automated 3D breast ultrasound. , 2013, , .		2
154	Computer-aided Detection of Masses at Mammography: Interactive Decision Support versus Prompts. Radiology, 2013, 266, 123-129.	3.6	49
155	Symmetry-based detection of ductal carcinoma in situ in breast MRI. European Journal of Radiology, 2012, 81, S158-S159.	1.2	0
156	MR-guided breast biopsy at 3T: diagnostic yield of large core needle biopsy compared with vacuum-assisted biopsy. European Radiology, 2012, 22, 341-349.	2.3	24
157	MRI-guided breast biopsy at 3T using a dedicated large core biopsy set: Feasibility and initial results. European Journal of Radiology, 2011, 79, 257-261.	1.2	23
158	Comparison of enhancement characteristics between invasive lobular carcinoma and invasive ductal carcinoma. Journal of Magnetic Resonance Imaging, 2011, 34, 293-300.	1.9	19
159	The impact of preoperative breast MRI on the re-excision rate in invasive lobular carcinoma of the breast. Breast Cancer Research and Treatment, 2010, 119, 415-422.	1.1	180
160	The Effectiveness of MR Imaging in the Assessment of Invasive Lobular Carcinoma of the Breast. Magnetic Resonance Imaging Clinics of North America, 2010, 18, 259-276.	0.6	65
161	The additional value of three time point color coding in dynamic contrast-enhanced MRI of the breast for inexperienced and experienced readers. European Journal of Radiology, 2010, 74, 514-518.	1.2	7
162	MRI for breast conservation surgery. Lancet, The, 2010, 375, 2213.	6.3	3

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163	Breast tumor characteristics of BRCA1 and BRCA2 gene mutation carriers on MRI. European Radiology, 2008, 18, 931-938.	2.3	72
164	Breast MRI: guidelines from the European Society of Breast Imaging. European Radiology, 2008, 18, 1307-1318.	2.3	649
165	Contrast-enhanced magnetic resonance imaging of the breast: the value of pharmacokinetic parameters derived from fast dynamic imaging during initial enhancement in classifying lesions. European Radiology, 2008, 18, 1123-1133.	2.3	54
166	The value of MRI compared to mammography in the assessment of tumour extent in invasive lobular carcinoma of the breast. European Journal of Surgical Oncology, 2008, 34, 135-142.	0.5	92
167	Ductal carcinoma in situ and breast MRI. Lancet, The, 2007, 370, 459-460.	6.3	13
168	MRI compared to conventional diagnostic work-up in the detection and evaluation of invasive lobular carcinoma of the breast: a review of existing literature. Breast Cancer Research and Treatment, 2007, 107, 1-14.	1.1	236