

Marc B I Lobbes

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,456
citations

76326

40
h-index

118850

62
g-index

103
all docs

103
docs citations

103
times ranked

3962
citing authors

#	ARTICLE	IF	CITATIONS
1	Supplemental MRI Screening for Women with Extremely Dense Breast Tissue. <i>New England Journal of Medicine</i> , 2019, 381, 2091-2102.	27.0	388
2	Breast Implants and the Risk of Anaplastic Large-Cell Lymphoma in the Breast. <i>JAMA Oncology</i> , 2018, 4, 335.	7.1	229
3	The role of magnetic resonance imaging in assessing residual disease and pathologic complete response in breast cancer patients receiving neoadjuvant chemotherapy: a systematic review. <i>Insights Into Imaging</i> , 2013, 4, 163-175.	3.4	173
4	Contrast-enhanced spectral mammography in patients referred from the breast cancer screening programme. <i>European Radiology</i> , 2014, 24, 1668-76.	4.5	136
5	Contrast-enhanced Mammography: State of the Art. <i>Radiology</i> , 2021, 299, 36-48.	7.3	133
6	Evaluation of low-energy contrast-enhanced spectral mammography images by comparing them to full-field digital mammography using EUREF image quality criteria. <i>European Radiology</i> , 2015, 25, 2813-2820.	4.5	116
7	MRI versus mammography for breast cancer screening in women with familial risk (FaMRIsc): a multicentre, randomised, controlled trial. <i>Lancet Oncology</i> , The, 2019, 20, 1136-1147.	10.7	112
8	The Quality of Tumor Size Assessment by Contrast-Enhanced Spectral Mammography and the Benefit of Additional Breast MRI. <i>Journal of Cancer</i> , 2015, 6, 144-150.	2.5	99
9	Contrast-enhanced spectral mammography in recalls from the Dutch breast cancer screening program: validation of results in a large multireader, multicase study. <i>European Radiology</i> , 2016, 26, 4371-4379.	4.5	98
10	Contrast enhanced mammography: Techniques, current results, and potential indications. <i>Clinical Radiology</i> , 2013, 68, 935-944.	1.1	96
11	Contrast Enhanced Spectral Mammography: A Review. <i>Seminars in Ultrasound, CT and MRI</i> , 2018, 39, 70-79.	1.5	96
12	A Novel Less-invasive Approach for Axillary Staging After Neoadjuvant Chemotherapy in Patients With Axillary Node-positive Breast Cancer by Combining Radioactive Iodine Seed Localization in the Axilla With the Sentinel Node Procedure (RISAS): A Dutch Prospective Multicenter Validation Study. <i>Clinical Breast Cancer</i> , 2017, 17, 399-402.	2.4	91
13	Clinically node negative breast cancer patients undergoing breast conserving therapy, sentinel lymph node procedure versus follow-up: a Dutch randomized controlled multicentre trial (BOOG 2013-08). <i>BMC Cancer</i> , 2017, 17, 459.	2.6	90
14	MR Imaging as an Additional Screening Modality for the Detection of Breast Cancer in Women Aged 50-75 Years with Extremely Dense Breasts: The DENSE Trial Study Design. <i>Radiology</i> , 2015, 277, 527-537.	7.3	89
15	Radiation Exposure of Contrast-Enhanced Spectral Mammography Compared With Full-Field Digital Mammography. <i>Investigative Radiology</i> , 2014, 49, 659-665.	6.2	83
16	The role of MRI in axillary lymph node imaging in breast cancer patients: a systematic review. <i>Insights Into Imaging</i> , 2015, 6, 203-215.	3.4	83
17	Contrast-Enhanced Spectral Mammography is Comparable to MRI in the Assessment of Residual Breast Cancer Following Neoadjuvant Systemic Therapy. <i>Annals of Surgical Oncology</i> , 2018, 25, 1350-1356.	1.5	80
18	Clinical tumor stage is the most important predictor of pathological complete response rate after neoadjuvant chemotherapy in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2017, 163, 83-91.	2.5	76

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19	Is there more than C-reactive protein and fibrinogen?. <i>Atherosclerosis</i> , 2006, 187, 18-25.	0.8	73
20	Correlation Between Pathologic Complete Response in the Breast and Absence of Axillary Lymph Node Metastases After Neoadjuvant Systemic Therapy. <i>Annals of Surgery</i> , 2020, 271, 574-580.	4.2	72
21	Axillary ultrasound for preoperative nodal staging in breast cancer patients: Is it of added value?. <i>Breast</i> , 2013, 22, 1108-1113.	2.2	66
22	Supplemental Breast MRI for Women with Extremely Dense Breasts: Results of the Second Screening Round of the DENSE Trial. <i>Radiology</i> , 2021, 299, 278-286.	7.3	66
23	The value of completion axillary treatment in sentinel node positive breast cancer patients undergoing a mastectomy: a Dutch randomized controlled multicentre trial (BOOG 2013-07). <i>BMC Cancer</i> , 2015, 15, 610.	2.6	65
24	Pre-treatment differences and early response monitoring of neoadjuvant chemotherapy in breast cancer patients using magnetic resonance imaging: a systematic review. <i>European Radiology</i> , 2012, 22, 2607-2616.	4.5	64
25	Ultrasound is at least as good as magnetic resonance imaging in predicting tumour size post-neoadjuvant chemotherapy in breast cancer. <i>European Journal of Cancer</i> , 2016, 52, 67-76.	2.8	64
26	Exploring breast cancer response prediction to neoadjuvant systemic therapy using MRI-based radiomics: A systematic review. <i>European Journal of Radiology</i> , 2019, 121, 108736.	2.6	63
27	Routine use of standard breast MRI compared to axillary ultrasound for differentiating between no, limited and advanced axillary nodal disease in newly diagnosed breast cancer patients. <i>European Journal of Radiology</i> , 2016, 85, 2288-2294.	2.6	62
28	Clinical auditing as an instrument for quality improvement in breast cancer care in the Netherlands: The national NABON Breast Cancer Audit. <i>Journal of Surgical Oncology</i> , 2017, 115, 243-249.	1.7	62
29	Impact of the COVID-19 pandemic on diagnosis, stage, and initial treatment of breast cancer in the Netherlands: a population-based study. <i>Journal of Hematology and Oncology</i> , 2021, 14, 64.	17.0	61
30	Molecular MRI of Early Thrombus Formation Using a Bimodal $\hat{\pm}2$ -Antiplasmin $\hat{\pm}$ -Based Contrast Agent. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 987-996.	5.3	60
31	Multireader Study on the Diagnostic Accuracy of Ultrafast Breast Magnetic Resonance Imaging for Breast Cancer Screening. <i>Investigative Radiology</i> , 2018, 53, 579-586.	6.2	60
32	Diagnostic Performance of Dedicated Axillary T2- and Diffusion-weighted MR Imaging for Nodal Staging in Breast Cancer. <i>Radiology</i> , 2015, 275, 345-355.	7.3	53
33	Risk of regional recurrence in triple-negative breast cancer patients: a Dutch cohort study. <i>Breast Cancer Research and Treatment</i> , 2016, 156, 465-472.	2.5	49
34	Contrast-enhanced spectral mammography as work-up tool in patients recalled from breast cancer screening has low risks and might hold clinical benefits. <i>European Journal of Radiology</i> , 2017, 94, 31-37.	2.6	49
35	Rapid Point-Of-Care Breath Test for Biomarkers of Breast Cancer and Abnormal Mammograms. <i>PLoS ONE</i> , 2014, 9, e90226.	2.5	48
36	Impact of the suspension and restart of the Dutch breast cancer screening program on breast cancer incidence and stage during the COVID-19 pandemic. <i>Preventive Medicine</i> , 2021, 151, 106602.	3.4	48

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37	Gadofosveset-Enhanced Magnetic Resonance Imaging of Human Carotid Atherosclerotic Plaques. <i>Investigative Radiology</i> , 2010, 45, 275-281.	6.2	47
38	MRI-based response patterns during neoadjuvant chemotherapy can predict pathological (complete) response in patients with breast cancer. <i>Breast Cancer Research</i> , 2018, 20, 34.	5.0	47
39	MRI-based radiomics in breast cancer: feature robustness with respect to inter-observer segmentation variability. <i>Scientific Reports</i> , 2020, 10, 14163.	3.3	47
40	A Model to Predict Pathologic Complete Response of Axillary Lymph Nodes to Neoadjuvant Chemo(Immuno)Therapy in Patients With Clinically Node-Positive Breast Cancer. <i>Clinical Breast Cancer</i> , 2014, 14, 315-322.	2.4	44
41	Noninvasive nodal restaging in clinically node positive breast cancer patients after neoadjuvant systemic therapy: A systematic review. <i>European Journal of Radiology</i> , 2015, 84, 41-47.	2.6	43
42	Prognosis of residual axillary disease after neoadjuvant chemotherapy in clinically node-positive breast cancer patients: isolated tumor cells and micrometastases carry a better prognosis than macrometastases. <i>Breast Cancer Research and Treatment</i> , 2017, 163, 159-166.	2.5	40
43	Diagnostic Performance of Noninvasive Imaging for Assessment of Axillary Response After Neoadjuvant Systemic Therapy in Clinically Node-positive Breast Cancer. <i>Annals of Surgery</i> , 2021, 273, 694-700.	4.2	40
44	Atherosclerosis: Contrast-enhanced MR Imaging of Vessel Wall in Rabbit Model—Comparison of Gadofosveset and Gadopentetate Dimeglumine. <i>Radiology</i> , 2009, 250, 682-691.	7.3	39
45	Breast MRI increases the number of mastectomies for ductal cancers, but decreases them for lobular cancers. <i>Breast Cancer Research and Treatment</i> , 2017, 162, 353-364.	2.5	39
46	Noninvasive Nodal Staging in Patients With Breast Cancer Using Gadofosveset-Enhanced Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2013, 48, 134-139.	6.2	31
47	Cost-effectiveness of Breast Cancer Screening With Magnetic Resonance Imaging for Women at Familial Risk. <i>JAMA Oncology</i> , 2020, 6, 1381.	7.1	31
48	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). <i>European Radiology</i> , 2022, 32, 1611-1623.	4.5	30
49	Hybrid 18F-FDG PET/MRI might improve locoregional staging of breast cancer patients prior to neoadjuvant chemotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1796-1805.	6.4	28
50	AI-Enhanced Diagnosis of Challenging Lesions in Breast MRI: A Methodology and Application Primer. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 54, 686-702.	3.4	26
51	Density is in the eye of the beholder: visual versus semi-automated assessment of breast density on standard mammograms. <i>Insights Into Imaging</i> , 2012, 3, 91-99.	3.4	25
52	Reasons for (non)participation in supplemental population-based MRI breast screening for women with extremely dense breasts. <i>Clinical Radiology</i> , 2018, 73, 759.e1-759.e9.	1.1	23
53	No increase of local recurrence rate in breast cancer patients treated with skin-sparing mastectomy followed by immediate breast reconstruction. <i>Breast</i> , 2013, 22, 1166-1170.	2.2	22
54	The impact of the pathological lymph node status on adjuvant systemic treatment recommendations in clinically node negative breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2014, 143, 469-476.	2.5	21

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55	Breast Implant Prevalence in the Dutch Female Population Assessed by Chest Radiographs. <i>Aesthetic Surgery Journal</i> , 2020, 40, 156-164.	1.6	20
56	MRI-Based Radiomics Analysis for the Pretreatment Prediction of Pathologic Complete Tumor Response to Neoadjuvant Systemic Therapy in Breast Cancer Patients: A Multicenter Study. <i>Cancers</i> , 2021, 13, 2447.	3.7	20
57	Response monitoring of breast cancer patients receiving neoadjuvant chemotherapy using breast MRI – a review of current knowledge. <i>Journal of Cancer Therapeutics & Research</i> , 2012, 1, 34.	1.2	20
58	Radiation Exposure of Digital Breast Tomosynthesis Using an Antiscatter Grid Compared With Full-Field Digital Mammography. <i>Investigative Radiology</i> , 2015, 50, 679-685.	6.2	19
59	Dedicated Axillary MRI-Based Radiomics Analysis for the Prediction of Axillary Lymph Node Metastasis in Breast Cancer. <i>Cancers</i> , 2021, 13, 757.	3.7	19
60	Contrast enhanced mammography (CEM) versus magnetic resonance imaging (MRI) for staging of breast cancer: The pro CEM perspective. <i>European Journal of Radiology</i> , 2021, 142, 109883.	2.6	19
61	Noninvasive diagnosis of ruptured peripheral atherosclerotic lesions and myocardial infarction by antibody profiling. <i>Journal of Clinical Investigation</i> , 2008, 118, 2979-85.	8.2	19
62	Contrast Media Administration in Coronary Computed Tomography Angiography – A Systematic Review. <i>RoFo Fortschritte Auf Dem Gebiet Der Röntgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 312-325.	1.3	18
63	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. <i>European Radiology</i> , 2020, 30, 5427-5436.	4.5	18
64	Contrast-Enhanced Dual-Energy Mammography: A Promising New Imaging Tool in Breast Cancer Detection. <i>Women's Health</i> , 2014, 10, 289-298.	1.5	17
65	Abstract GS1-10: Radioactive Iodine Seed placement in the Axilla with Sentinel lymph node biopsy after neoadjuvant chemotherapy in breast cancer: Results of the prospective multicenter RISAS trial. <i>Cancer Research</i> , 2021, 81, GS1-10-GS1-10.	0.9	17
66	Standalone computer-aided detection compared to radiologists'™ performance for the detection of mammographic masses. <i>European Radiology</i> , 2013, 23, 93-100.	4.5	16
67	Good correlation does not automatically imply good agreement: The trouble with comparing tumour size by breast MRI versus histopathology. <i>European Journal of Radiology</i> , 2013, 82, e906-e907.	2.6	15
68	Population-based study of the effect of preoperative breast MRI on the surgical management of ductal carcinoma <i>in situ</i> . <i>British Journal of Surgery</i> , 2019, 106, 1488-1494.	0.3	15
69	Quantification of enhancement in contrast-enhanced spectral mammography using a custom-made quantifier tool (I-STRIP): A proof-of-concept study. <i>European Journal of Radiology</i> , 2018, 106, 114-121.	2.6	14
70	Evaluation of pressure-controlled mammography compression paddles with respect to force-controlled compression paddles in clinical practice. <i>European Radiology</i> , 2019, 29, 2545-2552.	4.5	14
71	Three-Dimensional Breast Radiotherapy and the Elective Radiation Dose at the Sentinel Lymph Node Site in Breast Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 3824-3830.	1.5	12
72	Diagnostic performance of gadofosveset-enhanced axillary MRI for nodal (re)staging in breast cancer patients: results of a validation study. <i>Clinical Radiology</i> , 2018, 73, 168-175.	1.1	11

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73	Differences in degree of lesion enhancement on CEM between ILC and IDC. <i>BJR Open</i> , 2019, 1, 20180046.	0.6	11
74	Rapid Access to Contrast-Enhanced spectral mammography in women recalled from breast cancer screening: the RACER trial study design. <i>Trials</i> , 2019, 20, 759.	1.6	11
75	Contrast-enhanced mammography: what the radiologist needs to know. <i>BJR Open</i> , 2021, 3, 20210034.	0.6	11
76	Testâ€Retest Data for the Assessment of Breast <sc>MRI</sc> Radiomic Feature Repeatability. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 592-604.	3.4	11
77	Dynamical Graph Theory Networks Methods for the Analysis of Sparse Functional Connectivity Networks and for Determining Pinning Observability in Brain Networks. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 87.	2.1	10
78	Diagnostic performance of standard breast MRI compared to dedicated axillary MRI for assessment of node-negative and node-positive breast cancer. <i>European Radiology</i> , 2020, 30, 4212-4222.	4.5	10
79	The supplemental value of mammographic screening over breast MRI alone in BRCA2 mutation carriers. <i>Breast Cancer Research and Treatment</i> , 2020, 181, 581-588.	2.5	10
80	Breast magnetic resonance imaging use in patients undergoing neoadjuvant chemotherapy is associated with less mastectomies in large ductal cancers but not in lobular cancers. <i>European Journal of Cancer</i> , 2017, 81, 74-80.	2.8	9
81	Reducing False-Positive Screening MRI Rate in Women with Extremely Dense Breasts Using Prediction Models Based on Data from the DENSE Trial. <i>Radiology</i> , 2021, 301, 283-292.	7.3	9
82	Treatment response evaluation by MRI in breast cancer patients receiving neoadjuvant chemotherapy: there is more than just pathologic complete response prediction. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 313-314.	2.5	8
83	Bilateral analysis of the cross-sectional area of the internal mammary arteries and veins in patients with and without breast cancer on breast magnetic resonance imaging. <i>Insights Into Imaging</i> , 2013, 4, 177-184.	3.4	8
84	Contrast-enhanced tomosynthesis: The best of both worlds or more of the same?. <i>European Journal of Radiology</i> , 2016, 85, 507-508.	2.6	8
85	Does the TNM classification of solitary internal mammary lymph node metastases in breast cancer still apply?. <i>Breast Cancer Research and Treatment</i> , 2017, 161, 483-489.	2.5	7
86	Assessing the Risk of Contrast-Induced Nephropathy Using a Finger Stick Analysis in Recalls from Breast Screening: The CINFIBS Explorative Study. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-5.	0.8	7
87	Reply to Tagliafico AS, Bignotti B, Rossi F, etÂal.. <i>Breast</i> , 2017, 32, 267.	2.2	6
88	Post-mortem computed tomography in forensic investigations of lethal gunshot incidents: is there an added value?. <i>International Journal of Legal Medicine</i> , 2019, 133, 1889-1894.	2.2	6
89	Reversal of the hanging protocol of Contrast Enhanced Mammography leads to similar diagnostic performance yet decreased reading times. <i>European Journal of Radiology</i> , 2019, 117, 62-68.	2.6	6
90	Does the subtype of breast cancer affect the diagnostic performance of axillary ultrasound for nodal staging in breast cancer patients?. <i>European Journal of Surgical Oncology</i> , 2019, 45, 573-577.	1.0	5

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91	Evaluation of single-view contrast-enhanced mammography as novel reading strategy: a non-inferiority feasibility study. <i>European Radiology</i> , 2019, 29, 6211-6219.	4.5	5
92	Malignant lesions on mammography: accuracy of two different computer-aided detection systems. <i>Clinical Imaging</i> , 2013, 37, 283-288.	1.5	4
93	Can high school students help to improve breast radiologists in detecting missed breast cancer lesions on full-field digital mammography?. <i>Journal of Cancer</i> , 2019, 10, 765-771.	2.5	4
94	The effect of breast MRI on disease-free and overall survival in breast cancer patients: a retrospective population-based study. <i>Breast Cancer Research and Treatment</i> , 2020, 184, 951-963.	2.5	4
95	Risk of Positive Sentinel Lymph Node After Neoadjuvant Systemic Therapy in Clinically Node-Negative Breast Cancer: Implications for Postmastectomy Radiation Therapy and Immediate Breast Reconstruction. <i>Annals of Surgical Oncology</i> , 2019, 26, 3902-3909.	1.5	2
96	Visualization of Both the Superficial and Deep Lymphatic System of the Upper Extremity Using Magnetic Resonance Lymphography. <i>Lymphatic Research and Biology</i> , 2021, , .	1.1	2
97	Breast lesion segmentation software for DCE-MRI: An open source GPGPU based optimization. , 2018, , .		1
98	Interpretation of Contrast-Enhanced Mammography. , 2019, , 61-75.		1
99	The diagnostic value of contrast-enhanced 2D mammography in everyday clinical use. <i>Scientific Reports</i> , 2021, 11, 22224.	3.3	1
100	Comparison Between Breast MRI and Contrast-Enhanced Digital Mammography. , 2018, , 47-56.		0
101	Response Assessment and Follow-Up by Imaging in Breast Tumors. <i>Medical Radiology</i> , 2020, , 451-474.	0.1	0
102	Risk of positive sentinel lymph node after neoadjuvant systemic therapy in clinically node negative breast cancer -implications for postmastectomy radiation therapy and immediate breast reconstruction. <i>European Journal of Surgical Oncology</i> , 2020, 46, e23.	1.0	0
103	A feasibility study combining a magnetic seed and magnetic tracer in patients undergoing breast-conserving surgery combined with sentinel lymph node biopsy for nonpalpable breast lesions. <i>European Journal of Surgical Oncology</i> , 2022, 48, e74.	1.0	0