

Pascal A Baltzer

List of Publications by Year in descending order

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Version: 2024-02-01

280
papers

8,939
citations

41258

49
h-index

69108

77
g-index

327
all docs

327
docs citations

327
times ranked

7192
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast MRI: EUSOBI recommendations for women's information. <i>European Radiology</i> , 2015, 25, 3669-3678.	2.3	330
2	Diffusion-weighted imaging of the breast—a consensus and mission statement from the EUSOBI International Breast Diffusion-Weighted Imaging working group. <i>European Radiology</i> , 2020, 30, 1436-1450.	2.3	255
3	Impact of Machine Learning With Multiparametric Magnetic Resonance Imaging of the Breast for Early Prediction of Response to Neoadjuvant Chemotherapy and Survival Outcomes in Breast Cancer Patients. <i>Investigative Radiology</i> , 2019, 54, 110-117.	3.5	185
4	Second International Consensus Conference on lesions of uncertain malignant potential in the breast (B3 lesions). <i>Breast Cancer Research and Treatment</i> , 2019, 174, 279-296.	1.1	179
5	Markers of sarcopenia quantified by computed tomography predict adverse long-term outcome in patients with resected oesophageal or gastro-oesophageal junction cancer. <i>European Radiology</i> , 2016, 26, 1359-1367.	2.3	172
6	False-Positive Findings at Contrast-Enhanced Breast MRI: A BI-RADS Descriptor Study. <i>American Journal of Roentgenology</i> , 2010, 194, 1658-1663.	1.0	167
7	Diagnostic Utility of Second-Look US for Breast Lesions Identified at MR Imaging: Systematic Review and Meta-Analysis. <i>Radiology</i> , 2014, 273, 401-409.	3.6	156
8	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
9	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
10	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
11	Sensitivity and specificity of unenhanced MR mammography (DWI combined with T2-weighted TSE) Tj ETQq1 1 0.784314 rgBT /Overloc	2.3	123
12	Breast Lesions: Diagnosis by Using Proton MR Spectroscopy at 1.5 and 3.0 T—Systematic Review and Meta-Analysis. <i>Radiology</i> , 2013, 267, 735-746.	3.6	118
13	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
14	Diagnostic Performance of Breast Magnetic Resonance Imaging in Non-Calcified Equivocal Breast Findings: Results from a Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0160346.	1.1	110
15	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
16	Application of MR Mammography Beyond Local Staging: Is There a Potential to Accurately Assess Axillary Lymph Nodes? Evaluation of an Extended Protocol in an Initial Prospective Study. <i>American Journal of Roentgenology</i> , 2011, 196, W641-W647.	1.0	105
17	Multiparametric MRI of the breast: A review. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 301-315.	1.9	105
18	MR Imaging for Diagnosis of Malignancy in Mammographic Microcalcifications: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2017, 283, 692-701.	3.6	104

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19	Diffusion-weighted imaging (DWI) in MR mammography (MRM): clinical comparison of echo planar imaging (EPI) and half-Fourier single-shot turbo spin echo (HASTE) diffusion techniques. <i>European Radiology</i> , 2009, 19, 1612-1620.	2.3	103
20	Response assessment using 68Ga-PSMA ligand PET in patients undergoing 177Lu-PSMA radioligand therapy for metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1063-1072.	3.3	100
21	Diffusion tensor magnetic resonance imaging of the breast: a pilot study. <i>European Radiology</i> , 2011, 21, 1-10.	2.3	97
22	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
23	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
24	68Ga-PSMA 11 ligand PET imaging in patients with biochemical recurrence after radical prostatectomy – diagnostic performance and impact on therapeutic decision-making. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 235-242.	3.3	89
25	Head-to-head comparison of PI-RADS v2 and PI-RADS v1. <i>European Journal of Radiology</i> , 2016, 85, 1125-1131.	1.2	88
26	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
27	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
28	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
29	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
30	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
31	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
32	Potential of Noncontrast Magnetic Resonance Imaging With Diffusion-Weighted Imaging in Characterization of Breast Lesions. <i>Investigative Radiology</i> , 2018, 53, 229-235.	3.5	81
33	Combined reading of Contrast Enhanced and Diffusion Weighted Magnetic Resonance Imaging by using a simple sum score. <i>European Radiology</i> , 2016, 26, 884-891.	2.3	80
34	A simple and robust classification tree for differentiation between benign and malignant lesions in MR-mammography. <i>European Radiology</i> , 2013, 23, 2051-2060.	2.3	76
35	Comparison of FDG-PET/CT and contrast-enhanced CT for monitoring therapy response in patients with metastatic breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1428-1437.	3.3	74
36	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

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37	Diagnostic performance of multidetector computed tomographic (MDCTU) in upper tract urothelial carcinoma (UTUC): a systematic review and meta-analysis. <i>World Journal of Urology</i> , 2020, 38, 1165-1175.	1.2	72
38	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [⁶⁸ Ga]Ga-PSMA-11 PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1795-1805.	3.3	72
39	Sensitivity and Specificity of Unilateral Edema on T2w-TSE Sequences in MR-Mammography Considering 974 Histologically Verified Lesions. <i>Breast Journal</i> , 2010, 16, 233-239.	0.4	71
40	How to use the Kaiser score as a clinical decision rule for diagnosis in multiparametric breast MRI: a pictorial essay. <i>Insights Into Imaging</i> , 2018, 9, 325-335.	1.6	70
41	Magnetic resonance imaging of inflammatory breast carcinoma and acute mastitis. A comparative study. <i>European Radiology</i> , 2008, 18, 2370-2380.	2.3	68
42	Automatic multimodal 2D/3D breast image registration using biomechanical FEM models and intensity-based optimization. <i>Medical Image Analysis</i> , 2013, 17, 209-218.	7.0	66
43	Breast MRI used as a problem-solving tool reliably excludes malignancy. <i>European Journal of Radiology</i> , 2015, 84, 61-64.	1.2	62
44	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
45	Breast MRI as an adjunct to mammography: Does it really suffer from low specificity? a retrospective analysis stratified by mammographic BI-RADS classes. <i>Acta Radiologica</i> , 2010, 51, 715-721.	0.5	61
46	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
47	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
48	Is the 'blooming sign' a promising additional tool to determine malignancy in MR mammography?. <i>European Radiology</i> , 2004, 14, 394-401.	2.3	57
49	Reliability of Serial Prostate Magnetic Resonance Imaging to Detect Prostate Cancer Progression During Active Surveillance: A Systematic Review and Meta-analysis. <i>European Urology</i> , 2021, 80, 549-563.	0.9	53
50	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
51	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
52	Clinical application of bilateral high temporal and spatial resolution dynamic contrast-enhanced magnetic resonance imaging of the breast at 7T. <i>European Radiology</i> , 2014, 24, 913-920.	2.3	49
53	Response assessment using [⁶⁸ Ga]Ga-PSMA ligand PET in patients undergoing systemic therapy for metastatic castration-resistant prostate cancer. <i>Prostate</i> , 2020, 80, 74-82.	1.2	49
54	Clinical MR-Mammography. <i>Academic Radiology</i> , 2009, 16, 1070-1076.	1.3	48

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55	Utility and limitations of 3-Tesla diffusion-weighted magnetic resonance imaging for differentiation of renal tumors. <i>European Journal of Radiology</i> , 2014, 83, 909-913.	1.2	48
56	Clinical MR Mammography: Impact of Hormonal Status on Background Enhancement and Diagnostic Accuracy. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2011, 183, 441-447.	0.7	47
57	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
58	Quantitative Multiparametric Breast Ultrasound. <i>Investigative Radiology</i> , 2019, 54, 257-264.	3.5	46
59	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. <i>PLoS ONE</i> , 2016, 11, e0155333.	1.1	45
60	Resolving arterial phase and temporal enhancement characteristics in DCE MRM at high spatial resolution with TWIST acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 973-982.	1.9	44
61	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. <i>Radiology</i> , 2015, 276, 360-370.	3.6	44
62	Limited role of DWI with apparent diffusion coefficient mapping in breast lesions presenting as non-mass enhancement on dynamic contrast-enhanced MRI. <i>Breast Cancer Research</i> , 2019, 21, 136.	2.2	44
63	The Adjacent Vessel Sign on Breast MRI: New Data and a Subgroup Analysis for 1,084 Histologically Verified Cases. <i>Korean Journal of Radiology</i> , 2010, 11, 178.	1.5	43
64	Prospective evaluation of diffusion-weighted MRI of the bladder as a biomarker for prediction of bladder cancer aggressiveness. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 1166-1171.	0.8	42
65	Contrast-enhanced Mammography versus Contrast-enhanced Breast MRI: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2022, 305, 94-103.	3.6	41
66	MRI-guided interventions of the breast. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 347-355.	1.9	39
67	Combined magnetic resonance imaging of deep venous thrombosis and pulmonary arteries after a single injection of a blood pool contrast agent. <i>European Radiology</i> , 2011, 21, 318-325.	2.3	39
68	MR-guided vacuum-assisted breast biopsy of MRI-only lesions: a single center experience. <i>European Radiology</i> , 2016, 26, 3908-3916.	2.3	39
69	Computer-aided interpretation of dynamic magnetic resonance imaging reflects histopathology of invasive breast cancer. <i>European Radiology</i> , 2010, 20, 1563-1571.	2.3	38
70	Fat saturation in dynamic breast MRI at 3 Tesla: is the Dixon technique superior to spectral fat saturation? A visual grading characteristics study. <i>European Radiology</i> , 2014, 24, 2213-2219.	2.3	38
71	Lesion type and reader experience affect the diagnostic accuracy of breast MRI: A multiple reader ROC study. <i>European Journal of Radiology</i> , 2015, 84, 86-91.	1.2	38
72	Diagnostic performance of digital breast tomosynthesis with a wide scan angle compared to full-field digital mammography for the detection and characterization of microcalcifications. <i>European Journal of Radiology</i> , 2016, 85, 2161-2168.	1.2	38

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73	Impact of the Kaiser score on clinical decision-making in BI-RADS 4 mammographic calcifications examined with breast MRI. <i>European Radiology</i> , 2020, 30, 1451-1459.	2.3	38
74	Inflammatory Breast Carcinoma in Magnetic Resonance Imaging. <i>Academic Radiology</i> , 2008, 15, 209-221.	1.3	37
75	Nonmass Lesions in Magnetic Resonance Imaging of the Breast. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 361-366.	0.5	37
76	MRI Background Parenchymal Enhancement Is Not Associated with Breast Cancer. <i>PLoS ONE</i> , 2016, 11, e0158573.	1.1	37
77	Is there a systematic bias of apparent diffusion coefficient (ADC) measurements of the breast if measured on different workstations? An inter- and intra-reader agreement study. <i>European Radiology</i> , 2016, 26, 2291-2296.	2.3	35
78	The Kaiser score reliably excludes malignancy in benign contrast-enhancing lesions classified as BI-RADS 4 on breast MRI high-risk screening exams. <i>European Radiology</i> , 2020, 30, 6052-6061.	2.3	35
79	Magnetic Resonance Mammography of Invasive Lobular Versus Ductal Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 587-595.	0.5	34
80	Identification of the Nervus Intermedius Using 3T MR Imaging. <i>American Journal of Neuroradiology</i> , 2011, 32, 460-464.	1.2	34
81	2D/3D image fusion of X-ray mammograms with breast MRI: visualizing dynamic contrast enhancement in mammograms. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 339-348.	1.7	34
82	Breast lesions classified as probably benign (BI-RADS 3) on magnetic resonance imaging: a systematic review and meta-analysis. <i>European Radiology</i> , 2018, 28, 1919-1928.	2.3	34
83	Application of breast MRI for prediction of lymph node metastases – systematic approach using 17 individual descriptors and a dedicated decision tree. <i>Acta Radiologica</i> , 2010, 51, 885-894.	0.5	32
84	Evaluation of the early phase of Bell's palsy using 3T MRI. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1493-1500.	0.8	32
85	Rate of Malignancy in MRI-Detected Probably Benign (BI-RADS 3) Lesions. <i>American Journal of Roentgenology</i> , 2014, 202, 684-689.	1.0	32
86	Assessment of body composition in the advanced stage of castration-resistant prostate cancer: special focus on sarcopenia. <i>Prostate Cancer and Prostatic Diseases</i> , 2020, 23, 309-315.	2.0	32
87	Deep learning analysis provides accurate COVID-19 diagnosis on chest computed tomography. <i>European Journal of Radiology</i> , 2020, 133, 109402.	1.2	32
88	A Multicentric Comparison of Apparent Diffusion Coefficient Mapping and the Kaiser Score in the Assessment of Breast Lesions. <i>Investigative Radiology</i> , 2021, 56, 274-282.	3.5	31
89	Introduction of an Automated User-Independent Quantitative Volumetric Magnetic Resonance Imaging Breast Density Measurement System Using the Dixon Sequence. <i>Investigative Radiology</i> , 2015, 50, 73-80.	3.5	30
90	New diagnostic tools for breast cancer. <i>Memo - Magazine of European Medical Oncology</i> , 2017, 10, 175-180.	0.3	30

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91	Prospective evaluation of the performance of [68Ga]Ga-PSMA-11 PET/CT(MRI) for lymph node staging in patients undergoing superextended salvage lymph node dissection after radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2169-2177.	3.3	30
92	AI-enhanced simultaneous multiparametric 18F-FDG PET/MRI for accurate breast cancer diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 596-608.	3.3	30
93	Application of Computer-aided Diagnosis (CAD) in MR-Mammography (MRM). <i>Academic Radiology</i> , 2009, 16, 435-442.	1.3	29
94	3D T2-weighted imaging to shorten multiparametric prostate MRI protocols. <i>European Radiology</i> , 2018, 28, 1634-1641.	2.3	29
95	Quantitative Apparent Diffusion Coefficient Measurements Obtained by 3-Tesla MRI Are Correlated with Biomarkers of Bladder Cancer Proliferative Activity. <i>PLoS ONE</i> , 2014, 9, e106866.	1.1	29
96	Clinical application of Acoustic Radiation Force Impulse Imaging with Virtual Touch IQ in breast ultrasound: diagnostic performance and reproducibility of a new technique. <i>Acta Radiologica</i> , 2017, 58, 140-147.	0.5	28
97	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
98	Differential Diagnosis of Breast Lesions 5 mm or Less. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 456-464.	0.5	27
99	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
100	Respiratory motion artifacts during arterial phase imaging with gadoxetic acid: Can the injection protocol minimize this drawback?. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1107-1114.	1.9	27
101	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
102	MRI for the assessment of malignancy in BI-RADS 4 mammographic microcalcifications. <i>PLoS ONE</i> , 2017, 12, e0188679.	1.1	26
103	Magnetic Resonance Mammography in Small vs. Advanced Breast Lesions - Systematic Comparison Reveals Significant Impact of Lesion Size on Diagnostic Accuracy in 936 Histologically Verified Breast Lesions. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2011, 183, 126-135.	0.7	25
104	Association between survival in patients with primary invasive breast cancer and computer aided MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 146-155.	1.9	25
105	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
106	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
107	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
108	The contralateral synchronous breast carcinoma: a comparison of histology, localization, and magnetic resonance imaging characteristics with the primary index cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 120, 449-459.	1.1	24

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109	Management of atypical lobular hyperplasia, atypical ductal hyperplasia, and lobular carcinoma in situ. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 335-346.	1.1	24
110	Assessing the kidney function parameters glomerular filtration rate and effective renal plasma flow with dynamic FDG-PET/MRI in healthy subjects. <i>EJNMMI Research</i> , 2018, 8, 37.	1.1	24
111	Prognostic value of nutritional indices and body composition parameters including sarcopenia in patients treated with radiotherapy for urothelial carcinoma of the bladder. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 372-379.	0.8	24
112	Application of artificial neural networks for the prediction of lymph node metastases to the ipsilateral axilla – initial experience in 194 patients using magnetic resonance mammography. <i>Acta Radiologica</i> , 2010, 51, 851-858.	0.5	23
113	Is breast MRI a helpful additional diagnostic test in suspicious mammographic microcalcifications?. <i>Magnetic Resonance Imaging</i> , 2018, 46, 70-74.	1.0	23
114	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
115	Breast MRI in the era of diffusion weighted imaging: do we still need signal-intensity time curves?. <i>European Radiology</i> , 2020, 30, 47-56.	2.3	23
116	Artificial Neural Networks for differential diagnosis of breast lesions in MR-Mammography: A systematic approach addressing the influence of network architecture on diagnostic performance using a large clinical database. <i>European Journal of Radiology</i> , 2012, 81, 1508-1513.	1.2	22
117	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
118	Inter- and intra-observer agreement of BI-RADS-based subjective visual estimation of amount of fibroglandular breast tissue with magnetic resonance imaging: comparison to automated quantitative assessment. <i>European Radiology</i> , 2016, 26, 3917-3922.	2.3	22
119	Early response evaluation using CT-perfusion one day after transarterial chemoembolization for HCC predicts treatment response and long-term disease control. <i>European Journal of Radiology</i> , 2017, 90, 73-80.	1.2	22
120	Combined texture analysis and machine learning in suspicious calcifications detected by mammography: Potential to avoid unnecessary stereotactical biopsies. <i>European Journal of Radiology</i> , 2020, 132, 109309.	1.2	22
121	Visual Grading Characteristics (VGC) Analysis of Diagnostic Image Quality for High Resolution 3 Tesla MRI Volumetry of the Olfactory Bulb. <i>Academic Radiology</i> , 2011, 18, 634-639.	1.3	21
122	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
123	Diagnostic performance of breast tumor tissue selection in diffusion weighted imaging: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2020, 15, e0232856.	1.1	21
124	Kinetic analysis of lesions without mass effect on breast MRI using manual and computer-assisted methods. <i>European Radiology</i> , 2011, 21, 893-898.	2.3	20
125	Computer Assisted Analysis of MR-Mammography Reveals Association between Contrast Enhancement and Occurrence of Distant Metastasis. <i>Technology in Cancer Research and Treatment</i> , 2012, 11, 553-560.	0.8	20
126	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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127	Assessing the degree of collinearity among the lesion features of the MRI BI-RADS lexicon. <i>European Journal of Radiology</i> , 2011, 80, e322-e324.	1.2	19
128	Effect of contrast agent on the results of <i>in vivo</i> ¹ H MRS of breast tumors – is it clinically significant?. <i>NMR in Biomedicine</i> , 2012, 25, 67-74.	1.6	19
129	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
130	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
131	Potential of MR Mammography to Predict Tumor Grading of Invasive Breast Cancer. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2011, 183, 826-833.	0.7	18
132	Diffusion weighted imaging of liver lesions suspect for metastases: Apparent diffusion coefficient (ADC) values and lesion contrast are independent from Gd-EOB-DTPA administration. <i>European Journal of Radiology</i> , 2012, 81, e849-e853.	1.2	18
133	DCE-MRI of the breast in a stand-alone setting outside a complementary strategy - results of the TK-study. <i>European Radiology</i> , 2015, 25, 1793-1800.	2.3	18
134	Diffusion-weighted imaging of breast tumours at 3T and 7T: a comparison. <i>European Radiology</i> , 2016, 26, 1466-1473.	2.3	18
135	A new method to reduce false positive results in breast MRI by evaluation of multiple spectral regions in proton MR-spectroscopy. <i>European Journal of Radiology</i> , 2017, 92, 51-57.	1.2	18
136	The Efficacy of MRI in the diagnostic workup of cystic fibrosis-associated liver disease: A clinical observational cohort study. <i>European Radiology</i> , 2019, 29, 1048-1058.	2.3	18
137	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
138	Prognostic Value of "Prepectoral Edema" in MR-mammography. <i>Anticancer Research</i> , 2017, 37, 1989-1995.	0.5	18
139	Kinetic characteristics of ductal carcinoma in situ (DCIS) in dynamic breast MRI using computer-assisted analysis. <i>Acta Radiologica</i> , 2010, 51, 955-961.	0.5	17
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