

# Katja Pinker

## List of Publications by Year in descending order

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219  
papers

9,262  
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27930

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51717

84  
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233  
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233  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multisite <scp>MRI</scp> Intravoxel Incoherent Motion Repeatability and Reproducibility across <scp>3 T</scp> Scanners in a Breast Diffusion Phantom: A <scp>Breast</scp> Intravoxel Incoherent Motion Multisite (<scp>BRIMM</scp>) Study. Journal of Magnetic Resonance Imaging, 2024, 59, 2226-2237.	3.6	2
2	Implementing AI in breast imaging: challenges to turn the gadget into gain. European Radiology, 2024, 34, 2093-2095.	4.6	0
3	A Review of the Estimation of Sensitivity and Specificity in the Context of Time-Dependent Outcomes. Journal of Magnetic Resonance Imaging, 2024, 60, 441-447.	3.6	0
4	A Survey of Publicly Available <scp>MRI</scp> Datasets for Potential Use in Artificial Intelligence Research. Journal of Magnetic Resonance Imaging, 2024, 59, 450-480.	3.6	4
5	Non-Contrast-Enhanced Multiparametric MRI of the Hypoxic Tumor Microenvironment Allows Molecular Subtyping of Breast Cancer: A Pilot Study. Cancers, 2024, 16, 375.	3.8	0
6	Non-Contrast-Enhanced Multiparametric MRI of the Hypoxic Tumor Microenvironment Allows Molecular Subtyping of Breast Cancer: A Pilot Study. Cancers, 2024, 16, 375.	3.8	0
7	BI-RADS Category Assignments by GPT-3.5, GPT-4, and Google Bard: A Multilanguage Study. Radiology, 2024, 311, .	8.5	2
8	AI-enhanced Mammography With Digital Breast Tomosynthesis for Breast Cancer Detection: Clinical Value and Comparison With Human Performance. Radiology Imaging Cancer, 2024, 6, .	1.7	1
9	Editorial for "TP53 Mutation Estimation Based on Radiomics Analysis for Breast Cancer". Journal of Magnetic Resonance Imaging, 2023, 57, 1104-1105.	3.6	0
10	Breast <scp>PET</scp>/<scp>MRI</scp> Hybrid Imaging and Targeted Tracers. Journal of Magnetic Resonance Imaging, 2023, 57, 370-386.	3.6	5
11	The Lucerne Toolbox 2 to optimise axillary management for early breast cancer: a multidisciplinary expert consensus. EClinicalMedicine, 2023, 61, 102085.	7.1	10
12	European Society of Breast Imaging (EUSOBI) guidelines on the management of axillary lymphadenopathy after COVID-19 vaccination: 2023 revision. Insights Into Imaging, 2023, 14, .	3.6	2
13	High-Temporal/High-Spatial Resolution Breast Magnetic Resonance Imaging Improves Diagnostic Accuracy Compared With Standard Breast Magnetic Resonance Imaging in Patients With High Background Parenchymal Enhancement. Journal of Clinical Oncology, 2023, 41, 4747-4755.	5.4	2
14	Hyperoxic BOLD-MRI-Based Characterization of Breast Cancer Molecular Subtypes Is Independent of the Supplied Amount of Oxygen: A Preclinical Study. Diagnostics, 2023, 13, 2946.	2.8	2
15	Simultaneous 18F-FDG PET/MRI Radiomics and Machine Learning Analysis of the Primary Breast Tumor for the Preoperative Prediction of Axillary Lymph Node Status in Breast Cancer. Cancers, 2023, 15, 5088.	3.8	5
16	Current Status of Cancer Genomics and Imaging Phenotypes: What Radiologists Need to Know. Radiology Imaging Cancer, 2023, 5, .	1.7	2
17	Celebrating five years of <i>BJR</i>   <i>Open</i>. BJR   Open, 2023, 6, .	0.7	0
18	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). European Radiology, 2022, 32, 1611-1623.	4.6	35

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19	Radiologist-Level Performance by Using Deep Learning for Segmentation of Breast Cancers on MRI Scans. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e200231.	7.2	17
20	Differentiation Between Benign and Metastatic Breast Lymph Nodes Using Apparent Diffusion Coefficients. <i>Frontiers in Oncology</i> , 2022, 12, 795265.	2.9	9
21	Breast MRI Background Parenchymal Enhancement Categorization Using Deep Learning: Outperforming the Radiologist. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1068-1076.	3.6	15
22	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.	4.6	189
23	MRI Screening of BRCA Mutation Carriers: Comparison of Standard Protocol and Abbreviated Protocols With and Without T2-Weighted Images. <i>American Journal of Roentgenology</i> , 2022, 218, 810-820.	2.8	15
24	Multiparametric 18F-FDG PET/MRI-Based Radiomics for Prediction of Pathological Complete Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , 2022, 14, 1727.	3.8	23
25	Editorial: Impact of Breast MRI on Breast Cancer Treatment and Prognosis. <i>Frontiers in Oncology</i> , 2022, 12, 825101.	2.9	1
26	Breast Lesion Classification with Multiparametric Breast MRI Using Radiomics and Machine Learning: A Comparison with Radiologists' Performance. <i>Cancers</i> , 2022, 14, 1743.	3.8	18
27	Editorial for "Breast Tissue Chemistry Measured In Vivo in Healthy Women Correlate With Breast Density and Breast Cancer Risk". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1370-1371.	3.6	0
28	A survey by the European Society of Breast Imaging on the implementation of breast diffusion-weighted imaging in clinical practice. <i>European Radiology</i> , 2022, 32, 6588-6597.	4.6	17
29	Combining the strengths of radiologists and AI for breast cancer screening: a retrospective analysis. <i>The Lancet Digital Health</i> , 2022, 4, e507-e519.	11.3	89
30	A Simultaneous Multiparametric 18F-FDG PET/MRI Radiomics Model for the Diagnosis of Triple Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 3944.	3.8	10
31	AI-Enhanced Diagnosis of Challenging Lesions in Breast MRI: A Methodology and Application Primer. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 686-702.	3.6	28
32	Diagnostic value of diffusion-weighted imaging with synthetic b-values in breast tumors: comparison with dynamic contrast-enhanced and multiparametric MRI. <i>European Radiology</i> , 2021, 31, 356-367.	4.6	34
33	Can Follow-up be Avoided for Probably Benign US Masses with No Enhancement on MRI?. <i>European Radiology</i> , 2021, 31, 975-982.	4.6	3
34	Diagnostic value of radiomics and machine learning with dynamic contrast-enhanced magnetic resonance imaging for patients with atypical ductal hyperplasia in predicting malignant upgrade. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 535-545.	2.5	14
35	Breast conservation and axillary management after primary systemic therapy in patients with early-stage breast cancer: the Lucerne toolbox. <i>Lancet Oncology</i> , The, 2021, 22, e18-e28.	10.7	56
36	Multispectral Imaging for Metallic Biopsy Marker Detection During MRI-Guided Breast Biopsy: A Feasibility Study for Clinical Translation. <i>Frontiers in Oncology</i> , 2021, 11, 605014.	2.9	0

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37	Multidimensional Diffusion Magnetic Resonance Imaging for Characterization of Tissue Microstructure in Breast Cancer Patients: A Prospective Pilot Study. <i>Cancers</i> , 2021, 13, 1606.	3.8	24
38	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.	4.6	20
39	Breast Tumor Characterization Using [18F]FDG-PET/CT Imaging Combined with Data Preprocessing and Radiomics. <i>Cancers</i> , 2021, 13, 1249.	3.8	36
40	Fat Composition Measured by Proton Spectroscopy: A Breast Cancer Tumor Marker?. <i>Diagnostics</i> , 2021, 11, 564.	2.8	6
41	High-risk lesions of the breast: concurrent diagnostic tools and management recommendations. <i>Insights Into Imaging</i> , 2021, 12, 63.	3.6	42
42	Radiomics and Machine Learning with Multiparametric Breast MRI for Improved Diagnostic Accuracy in Breast Cancer Diagnosis. <i>Diagnostics</i> , 2021, 11, 919.	2.8	30
43	Multiparametric Integrated 18F-FDG PET/MRI-Based Radiomics for Breast Cancer Phenotyping and Tumor Decoding. <i>Cancers</i> , 2021, 13, 2928.	3.8	37
44	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.	3.6	55
45	AI-enhanced breast imaging: Where are we and where are we heading?. <i>European Journal of Radiology</i> , 2021, 142, 109882.	2.7	41
46	Multimodale, parametrische und genetische Brustbildgebung. <i>Der Radiologe</i> , 2021, 61, 183-191.	0.6	3
47	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.	7.2	57
48	Using Deep Learning to Improve Nonsystematic Viewing of Breast Cancer on MRI. <i>Journal of Breast Imaging</i> , 2021, 3, 201-207.	1.4	14
49	Assessing PD-L1 Expression Status Using Radiomic Features from Contrast-Enhanced Breast MRI in Breast Cancer Patients: Initial Results. <i>Cancers</i> , 2021, 13, 6273.	3.8	13
50	Radiomic Signatures Derived from Diffusion-Weighted Imaging for the Assessment of Breast Cancer Receptor Status and Molecular Subtypes. <i>Molecular Imaging and Biology</i> , 2020, 22, 453-461.	2.8	63
51	Lymph Node Imaging in Patients with Primary Breast Cancer: Concurrent Diagnostic Tools. <i>Oncologist</i> , 2020, 25, e231-e242.	4.1	109
52	Multiparametric <sup>18</sup> 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.	5.9	13
53	Contrast-Enhanced Mammography and Radiomics Analysis for Noninvasive Breast Cancer Characterization: Initial Results. <i>Molecular Imaging and Biology</i> , 2020, 22, 780-787.	2.8	55
54	Machine learning with multiparametric magnetic resonance imaging of the breast for early prediction of response to neoadjuvant chemotherapy. <i>Breast</i> , 2020, 49, 115-122.	2.3	55

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55	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.	4.6	292
56	MRI-based machine learning radiomics can predict HER2 expression level and pathologic response after neoadjuvant therapy in HER2 overexpressing breast cancer. <i>EBioMedicine</i> , 2020, 61, 103042.	6.0	89
57	Contrast-Enhanced Mammography for Screening Women after Breast Conserving Surgery. <i>Cancers</i> , 2020, 12, 3495.	3.8	19
58	Radiomics for Tumor Characterization in Breast Cancer Patients: A Feasibility Study Comparing Contrast-Enhanced Mammography and Magnetic Resonance Imaging. <i>Diagnostics</i> , 2020, 10, 492.	2.8	30
59	Non-Invasive Assessment of Hypoxia and Neovascularization with MRI for Identification of Aggressive Breast Cancer. <i>Cancers</i> , 2020, 12, 2024.	3.8	12
60	Regional Lymph Node Involvement Among Patients With De Novo Metastatic Breast Cancer. <i>JAMA Network Open</i> , 2020, 3, e2018790.	6.0	11
61	Current Status and Future Perspectives of Artificial Intelligence in Magnetic Resonance Breast Imaging. <i>Contrast Media and Molecular Imaging</i> , 2020, 2020, 1-18.	1.0	17
62	MRI background parenchymal enhancement, fibroglandular tissue, and mammographic breast density in patients with invasive lobular breast cancer on adjuvant endocrine hormonal treatment: associations with survival. <i>Breast Cancer Research</i> , 2020, 22, 93.	5.1	4
63	Pharmacokinetic Analysis of Dynamic Contrast-Enhanced Magnetic Resonance Imaging at 7T for Breast Cancer Diagnosis and Characterization. <i>Cancers</i> , 2020, 12, 3763.	3.8	3
64	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.	2.9	6
65	A machine learning model that classifies breast cancer pathologic complete response on MRI post-neoadjuvant chemotherapy. <i>Breast Cancer Research</i> , 2020, 22, 57.	5.1	67
66	Non-Invasive Assessment of Breast Cancer Molecular Subtypes with Multiparametric Magnetic Resonance Imaging Radiomics. <i>Journal of Clinical Medicine</i> , 2020, 9, 1853.	2.5	62
67	Combining molecular and imaging metrics in cancer: radiogenomics. <i>Insights Into Imaging</i> , 2020, 11, 1.	3.6	160
68	Preoperative MRI Improves Surgical Planning and Outcomes for Ductal Carcinoma in Situ. <i>Radiology</i> , 2020, 295, 304-306.	8.5	13
69	Mammographic Breast Density and Urbanization: Interactions with BMI, Environmental, Lifestyle, and Other Patient Factors. <i>Diagnostics</i> , 2020, 10, 418.	2.8	2
70	A rapid volume of interest-based approach of radiomics analysis of breast MRI for tumor decoding and phenotyping of breast cancer. <i>PLoS ONE</i> , 2020, 15, e0234871.	2.5	39
71	Improved characterization of sub-centimeter enhancing breast masses on MRI with radiomics and machine learning in BRCA mutation carriers. <i>European Radiology</i> , 2020, 30, 6721-6731.	4.6	32
72	Clinical relevance of total choline (tCho) quantification in suspicious lesions on multiparametric breast MRI. <i>European Radiology</i> , 2020, 30, 3371-3382.	4.6	12

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73	Elevated glycine detected on in vivo magnetic resonance spectroscopy in a breast cancer patient: case report and literature review. <i>BJR   case Reports</i> , 2020, 6, 20190090.	0.2	2
74	Can second-look ultrasound downgrade MRI-detected lesions? A retrospective study. <i>European Journal of Radiology</i> , 2020, 127, 108976.	2.7	6
75	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.	3.6	111
76	Transmission of vector vortex beams in dispersive media. <i>Advanced Photonics</i> , 2020, 2, 1.	15.6	60
77	Propagation of structured light through tissue-mimicking phantoms. <i>Optics Express</i> , 2020, 28, 35427.	3.3	11
78	Radiogenomics and Phenotype Presentation of Breast Cancer with a Special Focus on High-Risk Women. , 2020, , 113-130.		0
79	Is Background Parenchymal Enhancement an Important Risk Factor for Breast Cancer Development in Women with Increased Risk?. <i>Radiology</i> , 2019, 292, 562-563.	8.5	3
80	Mammographic screening in male patients at high risk for breast cancer: is it worth it?. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 705-711.	2.5	22
81	Diffusion-weighted MRI for Unenhanced Breast Cancer Screening. <i>Radiology</i> , 2019, 293, 504-520.	8.5	106
82	Clinical applications of breast cancer metabolomics using high-resolution magic angle spinning proton magnetic resonance spectroscopy (HRMAS 1H MRS): systematic scoping review. <i>Metabolomics</i> , 2019, 15, 148.	3.1	8
83	Diffusion-Weighted Magnetic Resonance Imaging of Patients with Breast Cancer Following Neoadjuvant Chemotherapy Provides Early Prediction of Pathological Response â€” A Prospective Study. <i>Scientific Reports</i> , 2019, 9, 16372.	3.4	46
84	Automatic segmentation and classification of breast lesions through identification of informative multiparametric PET/MRI features. <i>European Radiology Experimental</i> , 2019, 3, 18.	3.6	26
85	Radiomic signatures with contrast-enhanced magnetic resonance imaging for the assessment of breast cancer receptor status and molecular subtypes: initial results. <i>Breast Cancer Research</i> , 2019, 21, 106.	5.1	87
86	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2â€™ Early Invasive Breast Cancer: a Molecular Imaging Study Using [18F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019, 21, 991-1002.	2.8	10
87	Multimodality Imaging of Breast Parenchymal Density and Correlation with Risk Assessment. <i>Current Breast Cancer Reports</i> , 2019, 11, 23-33.	1.1	9
88	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.	6.6	10
89	Magnetic Resonance Imaging of the Breast in Surgical Planning. , 2019, , 71-86.		0
90	Diffusionâ€Weighted MRI of Breast Cancer: Improved Lesion Visibility and Image Quality Using Synthetic bâ€Values. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1754-1761.	3.6	30

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91	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.	2.7	3
92	MRI evaluation of axillary and intramammary lymph nodes in the postoperative period. <i>Breast Journal</i> , 2019, 25, 916-921.	1.1	3
93	Proton MR spectroscopy in the breast: Technical innovations and clinical applications. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1033-1046.	3.6	43
94	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.	2.7	14
95	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.	3.6	75
96	Sequential [ <sup>18</sup> F]FDG-[ <sup>18</sup> 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.	1.0	12
97	Differences in degree of lesion enhancement on CEM between ILC and IDC. <i>BJR   Open</i> , 2019, 1, 20180046.	0.7	11
98	Histogram Analysis and Visual Heterogeneity of Diffusion-Weighted Imaging with Apparent Diffusion Coefficient Mapping in the Prediction of Molecular Subtypes of Invasive Breast Cancers. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	1.0	16
99	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.	5.1	48
100	Quantitative Multiparametric Breast Ultrasound. <i>Investigative Radiology</i> , 2019, 54, 257-264.	6.3	52
101	Abbreviated MRI of the Breast: Does It Provide Value?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e85-e100.	3.6	117
102	Quantitative in vivo proton MR spectroscopic assessment of lipid metabolism: Value for breast cancer diagnosis and prognosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 239-249.	3.6	35
103	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.	2.8	25
104	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.	6.3	202
105	Beyond Breast Density: Radiomic Phenotypes Enhance Assessment of Breast Cancer Risk. <i>Radiology</i> , 2019, 290, 50-51.	8.5	10
106	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.	3.6	50
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.	3.6	14
108	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.	2.5	187







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127	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.	2.7	28
128	CommentaryÂACOG Practice Bulletin July 2017: Breast Cancer Risk Assessment andÂScreening in Average-Risk Women. <i>British Journal of Radiology</i> , 2018, 91, 20170907.	2.2	9
129	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.	3.6	106
130	Determining the importance of parameters extracted from multi-parametric MRI in the early prediction of the response to neo-adjuvant chemotherapy in breast cancer. , 2018, , .		1
131	Determining disease evolution driver nodes in dementia networks. , 2018, , .		6
132	Machine learning for accurate differentiation of benign and malignant breast tumors presenting as non-mass enhancement. , 2018, , .		4
133	Multi-level analysis of spatio-temporal features in non-mass enhancing breast tumors. , 2018, , .		2
134	PET/MRI and Molecular Imaging in Breast Cancer. , 2018, , 83-98.		0
135	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.	1.2	28
136	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.	4.6	64
137	Personalized Medicine, Biomarkers of Risk and Breast MRI. , 2017, , 337-349.		0
138	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.	6.6	79
139	The driving regulators of the connectivity protein network of brain malignancies. , 2017, , .		4
140	Dynamical graph theory networks techniques for the analysis of sparse connectivity networks in dementia. , 2017, , .		6
141	Breast cancer detection and tumor characteristics in BRCA1 and BRCA2 mutation carriers. <i>Breast Cancer Research and Treatment</i> , 2017, 163, 565-571.	2.5	80
142	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.	2.9	12
143	Evaluating tumor response with FDG PET: updates on PERCIST, comparison with EORTC criteria and clues to future developments. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 55-66.	6.6	122
144	MRI in the Assessment of BI-RADSÂ® 4 lesions. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 191-199.	1.1	11

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145	Comparison of screening CEDM and MRI for women at increased risk for breast cancer: A pilot study. <i>European Journal of Radiology</i> , 2017, 97, 37-43.	2.7	103
146	Erratum to "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" [EURR 93C (2017) 252-257]. <i>European Journal of Radiology</i> , 2017, 96, 173.	2.7	0
147	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.	0.6	27
148	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.	2.7	11
149	The potential of multiparametric MRI of the breast. <i>British Journal of Radiology</i> , 2017, 90, 20160715.	2.2	114
150	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.	4.6	86
151	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.	4.6	64
152	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.	2.2	11
153	Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. <i>PLoS ONE</i> , 2017, 12, e0180790.	2.5	8
154	Multiparametric Imaging: Cutting-Edge Sequences and Techniques Including Diffusion-Weighted Imaging, Magnetic Resonance Spectroscopy, and PET/CT or PET/MRI. , 2017, , 283-320.		0
155	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.	2.5	46
156	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.	2.9	7
157	Head-to-head comparison of PI-RADS v2 and PI-RADS v1. <i>European Journal of Radiology</i> , 2016, 85, 1125-1131.	2.7	88
158	18F-FDG-PET/CT for systemic staging of newly diagnosed triple-negative breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1937-1944.	6.6	60
159	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.	2.7	39
160	Proteomic data analysis of glioma cancer stem-cell lines based on novel nonlinear dimensional data reduction techniques. <i>Proceedings of SPIE</i> , 2016, , .	1.0	0
161	Computer-aided diagnosis of diagnostically challenging lesions in breast MRI: a comparison between a radiomics and a feature-selective approach. , 2016, , .		0
162	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.	2.9	48

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163	Quantitative Assessment of Breast Parenchymal Uptake on <sup>18</sup> 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.	5.9	20
164	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.	4.6	22
165	The Impact That Number of Analyzed Metastatic Breast Cancer Lesions Has on Response Assessment by <sup>18</sup> F-FDG PET/CT Using PERCIST. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1102-1104.	5.9	28
166	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.	8.5	74
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