

Paola Clauser

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

3,173
citations

172457

29
h-index

182427

51
g-index

91
all docs

91
docs citations

91
times ranked

2866
citing authors

#	ARTICLE	IF	CITATIONS
1	Stand-Alone Artificial Intelligence for Breast Cancer Detection in Mammography: Comparison With 101 Radiologists. <i>Journal of the National Cancer Institute</i> , 2019, 111, 916-922.	6.3	372
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.	4.5	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.	6.2	185
4	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.	4.5	137
5	Can we reduce the workload of mammographic screening by automatic identification of normal exams with artificial intelligence? A feasibility study. <i>European Radiology</i> , 2019, 29, 4825-4832.	4.5	129
6	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.	3.4	96
7	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.	3.4	95
8	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.	4.5	85
9	Potential of Noncontrast Magnetic Resonance Imaging With Diffusion-Weighted Imaging in Characterization of Breast Lesions. <i>Investigative Radiology</i> , 2018, 53, 229-235.	6.2	81
10	Mammography: an update of the EUSOBI recommendations on information for women. <i>Insights Into Imaging</i> , 2017, 8, 11-18.	3.4	78
11	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.	3.4	72
12	A simple scoring system for breast MRI interpretation: does it compensate for reader experience?. <i>European Radiology</i> , 2016, 26, 2529-2537.	4.5	62
13	Dedicated computer-aided detection software for automated 3D breast ultrasound; an efficient tool for the radiologist in supplemental screening of women with dense breasts. <i>European Radiology</i> , 2018, 28, 2996-3006.	4.5	52
14	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.	3.4	51
15	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.	7.0	51
16	Can diffusion-weighted imaging predict tumor grade and expression of Ki-67 in breast cancer? A multicenter analysis. <i>Breast Cancer Research</i> , 2018, 20, 58.	5.0	49
17	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.	2.8	46
18	Quantitative Multiparametric Breast Ultrasound. <i>Investigative Radiology</i> , 2019, 54, 257-264.	6.2	46

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19	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.	5.0	44
20	Additional findings at preoperative breast MRI: the value of second-look digital breast tomosynthesis. <i>European Radiology</i> , 2015, 25, 2830-2839.	4.5	42
21	Contrast-enhanced Mammography versus Contrast-enhanced Breast MRI: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2022, 305, 94-103.	7.3	41
22	Fat saturation in dynamic breast MRI at 3T: is the Dixon technique superior to spectral fat saturation? A visual grading characteristics study. <i>European Radiology</i> , 2014, 24, 2213-2219.	4.5	38
23	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.	2.6	38
24	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.	4.5	38
25	Breast imaging and cancer diagnosis during the COVID-19 pandemic: recommendations from the Italian College of Breast Radiologists by SIRM. <i>Radiologia Medica</i> , 2020, 125, 926-930.	7.7	38
26	Digital breast tomosynthesis as an adjunct to digital mammography for detecting and characterising invasive lobular cancers: a multi-reader study. <i>Clinical Radiology</i> , 2016, 71, 889-895.	1.1	36
27	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.	4.5	35
28	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.	4.5	35
29	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.	6.2	31
30	New diagnostic tools for breast cancer. <i>Memo - Magazine of European Medical Oncology</i> , 2017, 10, 175-180.	0.5	30
31	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
32	3D T2-weighted imaging to shorten multiparametric prostate MRI protocols. <i>European Radiology</i> , 2018, 28, 1634-1641.	4.5	29
33	MR mammography using diffusion-weighted imaging in evaluating breast cancer: a correlation with proliferation index. <i>Radiologia Medica</i> , 2015, 120, 911-918.	7.7	28
34	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.	1.1	28
35	MRI-based quantification of residual fibroglandular tissue of the breast after conservative mastectomies. <i>European Journal of Radiology</i> , 2018, 104, 1-7.	2.6	25
36	Management of atypical lobular hyperplasia, atypical ductal hyperplasia, and lobular carcinoma in situ. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 335-346.	2.4	24

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37	Impact on the recall rate of digital breast tomosynthesis as an adjunct to digital mammography in the screening setting. A double reading experience and review of the literature. <i>European Journal of Radiology</i> , 2016, 85, 808-814.	2.6	23
38	Is breast MRI a helpful additional diagnostic test in suspicious mammographic microcalcifications?. <i>Magnetic Resonance Imaging</i> , 2018, 46, 70-74.	1.8	23
39	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.	2.6	23
40	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.	4.5	23
41	Recommendations for breast imaging follow-up of women with a previous history of breast cancer: position paper from the Italian Group for Mammography Screening (GISMa) and the Italian College of Breast Radiologists (ICBR) by SIRM. <i>Radiologia Medica</i> , 2016, 121, 891-896.	7.7	22
42	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.	4.5	22
43	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.	2.6	22
44	Mammography and MRI for screening women who underwent chest radiation therapy (lymphoma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 SIRM. <i>Radiologia Medica</i> , 2016, 121, 834-837.	7.7	20
45	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.	6.2	20
46	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.	3.4	19
47	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.	2.6	18
48	Digital breast tomosynthesis (DBT): recommendations from the Italian College of Breast Radiologists (ICBR) by the Italian Society of Medical Radiology (SIRM) and the Italian Group for Mammography Screening (GISMa). <i>Radiologia Medica</i> , 2017, 122, 723-730.	7.7	18
49	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. <i>European Radiology</i> , 2020, 30, 5427-5436.	4.5	18
50	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.	4.5	18
51	Comparison between different imaging techniques in the evaluation of malignant breast lesions: can 3D ultrasound be useful?. <i>Radiologia Medica</i> , 2014, 119, 240-248.	7.7	16
52	Motion artifacts, lesion type, and parenchymal enhancement in breast MRI: what does really influence diagnostic accuracy?. <i>Acta Radiologica</i> , 2019, 60, 19-27.	1.1	16
53	Automated volumetric radiomic analysis of breast cancer vascularization improves survival prediction in primary breast cancer. <i>Scientific Reports</i> , 2020, 10, 3664.	3.3	16
54	Rectal preparation significantly improves prostate imaging quality: Assessment of the PI-QUAL score with visual grading characteristics. <i>European Journal of Radiology</i> , 2022, 147, 110145.	2.6	16

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55	Can supplementary contrast-enhanced MRI of the breast avoid needle biopsies in suspicious microcalcifications seen on mammography? A systematic review and meta-analysis. <i>Breast</i> , 2021, 56, 53-60.	2.2	14
56	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.	4.5	14
57	Foci on breast magnetic resonance imaging in high-risk women: cancer or not?. <i>Radiologia Medica</i> , 2016, 121, 611-617.	7.7	13
58	Synthetic 2-Dimensional Mammography Can Replace Digital Mammography as an Adjunct to Wide-Angle Digital Breast Tomosynthesis. <i>Investigative Radiology</i> , 2019, 54, 83-88.	6.2	13
59	Does higher field strength translate into better diagnostic accuracy? A prospective comparison of breast MRI at 3 and 1.5 Tesla. <i>European Journal of Radiology</i> , 2019, 114, 51-56.	2.6	13
60	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.	2.6	13
61	Correct determination of the enhancement curve is critical to ensure accurate diagnosis using the Kaiser score as a clinical decision rule for breast MRI. <i>European Journal of Radiology</i> , 2021, 138, 109630.	2.6	13
62	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.	3.4	12
63	Clinical relevance of total choline (tCho) quantification in suspicious lesions on multiparametric breast MRI. <i>European Radiology</i> , 2020, 30, 3371-3382.	4.5	12
64	Visibility of significant prostate cancer on multiparametric magnetic resonance imaging (MRI) – do we still need contrast media?. <i>European Radiology</i> , 2021, 31, 3754-3764.	4.5	10
65	A multiparametric [¹⁸ F]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.	6.4	9
66	Sequential [¹⁸ F]FDG- ¹⁸ F]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	9
67	Non-Invasive Assessment of Hypoxia and Neovascularization with MRI for Identification of Aggressive Breast Cancer. <i>Cancers</i> , 2020, 12, 2024.	3.7	9
68	Automated Semi-Quantitative Analysis of Breast MRI: Potential Imaging Biomarker for the Prediction of Tissue Response to Neoadjuvant Chemotherapy. <i>Breast Care</i> , 2017, 12, 231-236.	1.4	8
69	Virtual Touch IQ elastography reduces unnecessary breast biopsies by applying quantitative “rule-in” and “rule-out” threshold values. <i>Scientific Reports</i> , 2018, 8, 3583.	3.3	8
70	Breast arterial calcifications on mammography: intra- and inter-observer reproducibility of a semi-automatic quantification tool. <i>Radiologia Medica</i> , 2018, 123, 168-173.	7.7	8
71	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.	2.8	7
72	A Simple Ultrasound Based Classification Algorithm Allows Differentiation of Benign from Malignant Breast Lesions by Using Only Quantitative Parameters. <i>Molecular Imaging and Biology</i> , 2018, 20, 1053-1060.	2.6	7

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73	A risk stratification algorithm for lesions of uncertain malignant potential diagnosed by vacuum-assisted breast biopsy (VABB) of mammographic microcalcifications. <i>European Journal of Radiology</i> , 2021, 135, 109479.	2.6	7
74	Images Are Data: A Breast Imaging Perspective on a Contemporary Paradigm. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 898-908.	1.3	7
75	Work-up of the Incidental Adrenal Mass. <i>European Urology Focus</i> , 2016, 1, 217-222.	3.1	6
76	Applications of artificial intelligence in prostate cancer imaging. <i>Current Opinion in Urology</i> , 2021, 31, 416-423.	1.8	6
77	Differentiation of ductal carcinoma in situ versus fibrocystic changes by magnetic resonance imaging: are there pathognomonic imaging features?. <i>Acta Radiologica</i> , 2017, 58, 1206-1214.	1.1	5
78	Results of Short-Term Follow-Up in BI-RADS 3 and 4a Breast Lesions with a Histological Diagnosis of Fibroadenoma at Percutaneous Needle Biopsy. <i>Breast Care</i> , 2017, 12, 238-242.	1.4	5
79	Can second-look ultrasound downgrade MRI-detected lesions? A retrospective study. <i>European Journal of Radiology</i> , 2020, 127, 108976.	2.6	5
80	External Validation of a Risk Stratification Score for B3 Breast Lesions Detected at Ultrasound Core Needle Biopsy. <i>Diagnostics</i> , 2020, 10, 181.	2.6	4
81	Side of contrast injection and breast size correlate with motion artifacts grade and image quality on breast MRI. <i>Acta Radiologica</i> , 2021, 62, 19-26.	1.1	4
82	Microstructural breast tissue characterization: A head-to-head comparison of Diffusion Weighted Imaging and Acoustic Radiation Force Impulse elastography with clinical implications. <i>European Journal of Radiology</i> , 2021, 143, 109926.	2.6	4
83	Breast MRI: does a clinical decision algorithm outweigh reader experience?. <i>European Radiology</i> , 2022, 32, 6557-6564.	4.5	4
84	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.	2.6	3
85	Can AI serve as an independent second reader of mammograms? a simulation study. , 2020, , .		2
86	One view or two views for wide-angle tomosynthesis with synthetic mammography in the assessment setting?. <i>European Radiology</i> , 2022, 32, 661-670.	4.5	1
87	Image based registration between full x-ray and spot mammograms for x-ray guided stereotactic breast biopsy. , 2022, , .		1
88	Feasibility and Optimal Time Point of [68Ga]Gallium-labeled Prostate-specific Membrane Antigen Ligand Positron Emission Tomography Imaging in Patients Undergoing Cytoreductive Surgery After Systemic Therapy for Primary Oligometastatic Prostate Cancer: Implications for Patient Selection and Extent of Surgery. <i>European Urology Open Science</i> , 2022, 40, 117-124.	0.4	1
89	Applying the MRI in a High-Risk Population. , 2020, , 83-95.		0