

# Corinne Balleyguier

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

4,532  
citations

126907

33  
h-index

106344

65  
g-index

85  
all docs

85  
docs citations

85  
times ranked

5189  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential of Shear Wave Elastography to Reduce Unnecessary Biopsies in Breast Cancer Diagnosis: An International, Diagnostic, Multicenter Trial. <i>Ultraschall in Der Medizin</i> , 2023, 44, 162-168.	1.5	11
2	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
3	The potential of combined shear wave and strain elastography to reduce unnecessary biopsies in breast cancer diagnostics – An international, multicentre trial. <i>European Journal of Cancer</i> , 2022, 161, 1-9.	2.8	21
4	Abstract PD11-05: Intelligent shear-wave elastography to reduce unnecessary biopsies in breast cancer diagnosis (INSPIRED 002): An international, multicenter analysis. <i>Cancer Research</i> , 2022, 82, PD11-05-PD11-05.	0.9	0
5	The importance of multi-modal imaging and clinical information for humans and AI-based algorithms to classify breast masses (INSPIRED 003): an international, multicenter analysis. <i>European Radiology</i> , 2022, 32, 4101-4115.	4.5	8
6	Cancer surgery during the COVID-19 pandemic: The experience of a comprehensive cancer center performing preoperative screening by RT-PCR and chest CT scan. <i>Journal of Surgical Oncology</i> , 2021, 123, 815-822.	1.7	2
7	Editorial Comment on “Mixed-Methods Study to Predict Upstaging of DCIS to Invasive Disease on Mammography”. <i>American Journal of Roentgenology</i> , 2021, 216, 911-911.	2.2	0
8	Impact of Preprocessing and Harmonization Methods on the Removal of Scanner Effects in Brain MRI Radiomic Features. <i>Cancers</i> , 2021, 13, 3000.	3.7	30
9	Prolonged SARS-CoV-2 RNA virus shedding and lymphopenia are hallmarks of COVID-19 in cancer patients with poor prognosis. <i>Cell Death and Differentiation</i> , 2021, 28, 3297-3315.	11.2	31
10	Outcomes of patients with cancer and sarcoid-like granulomatosis associated with immune checkpoint inhibitors: A case-control study. <i>European Journal of Cancer</i> , 2021, 156, 46-59.	2.8	16
11	Validation of a new fully automated software for 2D digital mammographic breast density evaluation in predicting breast cancer risk. <i>Scientific Reports</i> , 2021, 11, 19884.	3.3	3
12	Methodological Study to Investigate the Potential of Ultrasound-Based Elastography and Texture as Biomarkers to Monitor Liver Tumors. <i>Diagnostics</i> , 2020, 10, 811.	2.6	1
13	Determinants of the outcomes of patients with cancer infected with SARS-CoV-2: results from the Gustave Roussy cohort. <i>Nature Cancer</i> , 2020, 1, 965-975.	13.2	98
14	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. <i>European Radiology</i> , 2020, 30, 5427-5436.	4.5	18
15	Personalized early detection and prevention of breast cancer: ENVISION consensus statement. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 687-705.	27.6	178
16	Clarification of Definitions of Hyperprogressive Disease During Immunotherapy for Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2020, 6, 1039.	7.1	70
17	Cost-effectiveness of preoperative magnetic resonance imaging to optimize surgery in ductal carcinoma in situ of the breast. <i>European Journal of Radiology</i> , 2020, 129, 109058.	2.6	3
18	Ovarian-Adnexal Reporting Data System Magnetic Resonance Imaging (O-RADS MRI) Score for Risk Stratification of Sonographically Indeterminate Adnexal Masses. <i>JAMA Network Open</i> , 2020, 3, e1919896.	5.9	144

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19	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
20	Influence of Magnetic Field Strength on Magnetic Resonance Imaging Radiomics Features in Brain Imaging, an In Vitro and In Vivo Study. <i>Frontiers in Oncology</i> , 2020, 10, 541663.	2.8	23
21	Machine learning defined diagnostic criteria for differentiating pituitary metastasis from autoimmune hypophysitis in patients undergoing immune checkpoint blockade therapy. <i>European Journal of Cancer</i> , 2019, 119, 44-56.	2.8	26
22	Computed tomography evaluation after induction chemotherapy for T3 laryngeal cancer: Does response correlate with vocal cord mobility?. <i>Oral Oncology</i> , 2019, 90, 13-16.	1.5	2
23	Preoperative Breast Magnetic Resonance Imaging in Women With Local Ductal Carcinoma in Situ to Optimize Surgical Outcomes: Results From the Randomized Phase III Trial IRCIS. <i>Journal of Clinical Oncology</i> , 2019, 37, 885-892.	1.6	38
24	A new automated method to evaluate 2D mammographic breast density according to BI-RADS® Atlas Fifth Edition recommendations. <i>European Radiology</i> , 2019, 29, 3830-3838.	4.5	9
25	Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual & volumetric analysis. <i>British Journal of Radiology</i> , 2018, 91, 20170163.	2.2	3
26	Can we trust the calculation of texture indices of <sc>CT</sc> images? A phantom study. <i>Medical Physics</i> , 2018, 45, 1529-1536.	3.0	41
27	Detection of immune-related adverse events by medical imaging in patients treated with anti-programmed cell death 1. <i>European Journal of Cancer</i> , 2018, 96, 91-104.	2.8	94
28	Patient satisfaction with a rapid diagnosis of suspicious breast lesions: Association with distress and anxiety. <i>Breast Journal</i> , 2018, 24, 154-160.	1.0	17
29	Value of whole breast magnetic resonance elastography added to MRI for lesion characterization. <i>NMR in Biomedicine</i> , 2018, 31, e3795.	2.8	25
30	Patient-assisted compression helps for image quality reduction dose and improves patient experience in mammography. <i>European Journal of Cancer</i> , 2018, 103, 137-142.	2.8	21
31	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
32	Locally advanced cervical cancer with bladder invasion: clinical outcomes and predictive factors for vesicovaginal fistulae. <i>Oncotarget</i> , 2018, 9, 9299-9310.	1.8	21
33	BI-RADS 2013Âen Â©chographieÂ: petit guide des nouveautÂ©s. <i>Imagerie De La Femme</i> , 2017, 27, 9-15.	0.0	0
34	Contrast-enhanced spectral mammography vs. mammography and MRI â€œ clinical performance in a multi-reader evaluation. <i>European Radiology</i> , 2017, 27, 2752-2764.	4.5	166
35	Value of a short-term imaging follow-up after a benign result in a one-stop breast unit: Is it still useful?. <i>European Journal of Cancer</i> , 2017, 85, 23-30.	2.8	3
36	Improving digital breast tomosynthesis reading time: A pilot multi-reader, multi-case study using concurrent Computer-Aided Detection (CAD). <i>European Journal of Radiology</i> , 2017, 97, 83-89.	2.6	40

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37	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.	4.5	136
38	Underestimation Rate at MR Imaging-guided Vacuum-assisted Breast Biopsy: A Multi-Institutional Retrospective Study of 1509 Breast Biopsies. <i>Radiology</i> , 2016, 281, 708-719.	7.3	30
39	Randomized phase 2 neoadjuvant trial evaluating anastrozole and fulvestrant efficacy for postmenopausal, estrogen receptor-positive, human epidermal growth factor receptor 2-negative breast cancer patients: Results of the UNICANCER CARMINA 02 French trial (UCBG 0609). <i>Cancer</i> , 2016, 122, 3032-3040.	4.1	26
40	Asymétrie de densité: quel apport de la tomosynthèse? <i>Imagerie De La Femme</i> , 2016, 26, 163-165.	0.0	0
41	The challenge of rapid diagnosis in oncology: Diagnostic accuracy and cost analysis of a large-scale one-stop breast clinic. <i>European Journal of Cancer</i> , 2016, 66, 131-137.	2.8	33
42	Added Value of Contrast-Enhanced Spectral Mammography in Postscreening Assessment. <i>Breast Journal</i> , 2016, 22, 520-528.	1.0	38
43	Post radiation hysterectomy in locally advanced cervical cancer: Outcomes and dosimetric impact. <i>Radiotherapy and Oncology</i> , 2016, 120, 460-466.	0.6	22
44	Diagnostic Performance of MR-guided Vacuum-Assisted Breast Biopsy: 8 Years of Experience. <i>Breast Journal</i> , 2016, 22, 83-89.	1.0	23
45	Impact of primary para-aortic lymphadenectomy on distant failure in locally advanced cervical cancer patients treated in the era of image-guided adaptive brachytherapy. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 775-785.	3.3	6
46	Underlining the complexity of the structural and chemical characteristics of ectopic calcifications in breast tissues through FE-SEM and FTIR spectroscopy. <i>Comptes Rendus Chimie</i> , 2016, 19, 1610-1624.	0.5	30
47	Un oiseau rare. <i>Imagerie De La Femme</i> , 2015, 25, 223-227.	0.0	0
48	Breast MRI: EUSOBI recommendations for women's information. <i>European Radiology</i> , 2015, 25, 3669-3678.	4.5	330
49	Surgical Outcomes After Debulking Surgery for Intraabdominal Ovarian Growing Teratoma Syndrome: Analysis of 38 Cases. <i>Annals of Surgical Oncology</i> , 2015, 22, 964-970.	1.5	34
50	Added value of Virtual Touch IQ shear wave elastography in the ultrasound assessment of breast lesions. <i>European Journal of Radiology</i> , 2014, 83, 773-777.	2.6	103
51	Loco-regional Control After Neo-adjuvant Chemotherapy and Conservative Treatment for Locally Advanced Breast Cancer Patients. <i>Breast Journal</i> , 2014, 20, 381-387.	1.0	13
52	Une masse vaginale. <i>Imagerie De La Femme</i> , 2013, 23, 244-247.	0.0	0
53	Variability and errors when applying the BIRADS mammography classification. <i>European Journal of Radiology</i> , 2013, 82, 388-397.	2.6	25
54	A Model to Predict the Risk of Upgrade to Malignancy at Surgery in Atypical Breast Lesions Discovered on Percutaneous Biopsy Specimens. <i>Annals of Surgical Oncology</i> , 2013, 20, 2850-2857.	1.5	22

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55	Management of cervical cancer detected during pregnancy: role of magnetic resonance imaging. <i>Clinical Imaging</i> , 2013, 37, 70-76.	1.5	30
56	Breast Lesion Excision Sample (BLES Biopsy) Combining Stereotactic Biopsy and Radiofrequency: Is it a Safe and Accurate Procedure in Case of BIRADS 4 and 5 Breast Lesions?. <i>Breast Journal</i> , 2013, 19, 590-594.	1.0	16
57	Evaluation of Breast Lesions Using Sonographic Elasticity Imaging. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 281-287.	1.7	143
58	Evaluation of the Accuracy of a Computer-aided Diagnosis (CAD) System in Breast Ultrasound according to the Radiologist's Experience. <i>Academic Radiology</i> , 2012, 19, 311-319.	2.5	44
59	Accuracy of Diffusion-Weighted Echo-Planar MR Imaging and ADC Mapping in the evaluation of residual Cervical Carcinoma after radiation therapy. <i>Gynecologic Oncology</i> , 2011, 123, 110-115.	1.4	39
60	Dual-energy contrast-enhanced digital mammography: initial clinical results. <i>European Radiology</i> , 2011, 21, 565-574.	4.5	233
61	Staging of uterine cervical cancer with MRI: guidelines of the European Society of Urogenital Radiology. <i>European Radiology</i> , 2011, 21, 1102-1110.	4.5	259
62	Interest of diffusion-weighted echo-planar MR imaging and apparent diffusion coefficient mapping in gynecological malignancies: A review. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 1020-1027.	3.4	74
63	Characteristics, Treatment, and Outcome of Breast Cancers Diagnosed in BRCA1 and BRCA2 Gene Mutation Carriers in Intensive Screening Programs Including Magnetic Resonance Imaging. <i>Clinical Breast Cancer</i> , 2010, 10, 113-118.	2.4	22
64	Breast radiotherapy as part of loco-regional treatments in stage IV breast cancer patients with oligometastatic disease. <i>Radiotherapy and Oncology</i> , 2010, 96, 199-203.	0.6	59
65	Contrast-enhanced digital mammography. <i>European Journal of Radiology</i> , 2009, 69, 34-42.	2.6	132
66	New potential and applications of contrast-enhanced ultrasound of the breast: Own investigations and review of the literature. <i>European Journal of Radiology</i> , 2009, 69, 14-23.	2.6	82
67	Dynamic optical breast imaging: A novel technique to detect and characterize tumor vessels. <i>European Journal of Radiology</i> , 2009, 69, 43-49.	2.6	31
68	CAD in questions/answers. <i>European Journal of Radiology</i> , 2009, 69, 24-33.	2.6	28
69	Accuracy of magnetic resonance imaging in predicting residual disease in patients treated for stage IB2/III cervical carcinoma with chemoradiation therapy. <i>Cancer</i> , 2008, 113, 2158-2165.	4.1	100
70	Observer variability in screen-film mammography versus full-field digital mammography with soft-copy reading. <i>European Radiology</i> , 2008, 18, 1134-1143.	4.5	20
71	Leptomeningeal and Medullary Response to Second-Line Erlotinib in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2008, 3, 677-679.	1.1	18
72	BIRADS <sup>®</sup> mammography: Exercises. <i>European Journal of Radiology</i> , 2007, 61, 195-201.	2.6	11

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73	BIRADSâ„¢ classification in mammography. <i>European Journal of Radiology</i> , 2007, 61, 192-194.	2.6	166
74	Optical mammography: a new technique for visualizing breast lesions in women presenting non palpable BIRADS 4-5 imaging findings: preliminary results with radiologic-pathologic correlation. <i>Cancer Imaging</i> , 2007, 7, 34-40.	2.8	19
75	Diagnosis of endometriosis with imaging: a review. <i>European Radiology</i> , 2006, 16, 285-298.	4.5	274
76	Benign Breast Diseases. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2005, 10, 325-335.	2.7	57
77	Breast Lesion Detection and Classification: Comparison of Screen-Film Mammography and Full-Field Digital Mammography with Soft-copy Readingâ„¢Observer Performance Study. <i>Radiology</i> , 2005, 237, 37-44.	7.3	64
78	Computer-aided detection (CAD) in mammography: Does it help the junior or the senior radiologist?. <i>European Journal of Radiology</i> , 2005, 54, 90-96.	2.6	47
79	Dynamic optical breast imaging: A new technique to visualise breast vessels: Comparison with breast MRI and preliminary results. <i>European Journal of Radiology</i> , 2005, 54, 72-79.	2.6	21
80	Magnetic resonance imaging characteristics of deep endometriosis. <i>Human Reproduction</i> , 1999, 14, 1080-1086.	0.9	209