Corinne Balleyguier

List of Publications by Year
in descending order

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	Breast MRI: EUSOBI recommendations for women's information. European Radiology, 2015, 25, 3669-3678.	4.5	330
2	Diagnosis of endometriosis with imaging: a review. European Radiology, 2006, 16, 285-298.	4.5	274
3	Staging of uterine cervical cancer with MRI: guidelines of the European Society of Urogenital Radiology. European Radiology, 2011, 21, 1102-1110.	4.5	259
4	Dual-energy contrast-enhanced digital mammography: initial clinical results. European Radiology, 2011, 21, 565-574.	4.5	233
5	Magnetic resonance imaging characteristics of deep endometriosis. Human Reproduction, 1999, 14, 1080-1086.	0.9	209
6	Personalized early detection and prevention of breast cancer: ENVISION consensus statement. Nature Reviews Clinical Oncology, 2020, 17, 687-705.	27.6	178
7	BIRADS™ classification in mammography. European Journal of Radiology, 2007, 61, 192-194.	2.6	166
8	Contrast-enhanced spectral mammography vs. mammography and MRI – clinical performance in a multi-reader evaluation. European Radiology, 2017, 27, 2752-2764.	4.5	166
9	Ovarian-Adnexal Reporting Data System Magnetic Resonance Imaging (O-RADS MRI) Score for Risk Stratification of Sonographically Indeterminate Adnexal Masses. JAMA Network Open, 2020, 3, e1919896.	5.9	144
10	Evaluation of Breast Lesions Using Sonographic Elasticity Imaging. Journal of Ultrasound in Medicine, 2012, 31, 281-287.	1.7	143
11	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. European Radiology, 2017, 27, 2737-2743.	4.5	136
12	Contrast-enhanced digital mammography. European Journal of Radiology, 2009, 69, 34-42.	2.6	132
13	Added value of Virtual Touch IQ shear wave elastography in the ultrasound assessment of breast lesions. European Journal of Radiology, 2014, 83, 773-777.	2.6	103
14	Accuracy of magnetic resonance imaging in predicting residual disease in patients treated for stage IB2/II cervical carcinoma with chemoradiation therapy. Cancer, 2008, 113, 2158-2165.	4.1	100
15	Determinants of the outcomes of patients with cancer infected with SARS-CoV-2: results from the Gustave Roussy cohort. Nature Cancer, 2020, 1, 965-975.	13.2	98
16	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2020, 11, 12.	3.4	96
17	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2018, 9, 449-461.	3.4	95
18	Detection of immune-related adverse events by medical imaging in patients treated with anti-programmed cell death 1. European Journal of Cancer, 2018, 96, 91-104.	2.8	94

#	Article	IF	Citations
19	New potential and applications of contrast-enhanced ultrasound of the breast: Own investigations and review of the literature. European Journal of Radiology, 2009, 69, 14-23.	2.6	82
20	Interest of diffusion–weighted echo–planar MR imaging and apparent diffusion coefficient mapping in gynecological malignancies: A review. Journal of Magnetic Resonance Imaging, 2011, 33, 1020-1027.	3.4	74
21	Clarification of Definitions of Hyperprogressive Disease During Immunotherapy for Non–Small Cell Lung Cancer. JAMA Oncology, 2020, 6, 1039.	7.1	70
22	Breast Lesion Detection and Classification: Comparison of Screen-Film Mammography and Full-Field Digital Mammography with Soft-copy Reading—Observer Performance Study. Radiology, 2005, 237, 37-44.	7.3	64
23	Breast radiotherapy as part of loco-regional treatments in stage IV breast cancer patients with oligometastatic disease. Radiotherapy and Oncology, 2010, 96, 199-203.	0.6	59
24	Benign Breast Diseases. Journal of Mammary Gland Biology and Neoplasia, 2005, 10, 325-335.	2.7	57
25	Computer-aided detection (CAD) in mammography: Does it help the junior or the senior radiologist?. European Journal of Radiology, 2005, 54, 90-96.	2.6	47
26	Evaluation of the Accuracy of a Computer-aided Diagnosis (CAD) System in Breast Ultrasound according to the Radiologist's Experience. Academic Radiology, 2012, 19, 311-319.	2.5	44
27	Can we trust the calculation of texture indices of <scp>CT</scp> images? A phantom study. Medical Physics, 2018, 45, 1529-1536.	3.0	41
28	Improving digital breast tomosynthesis reading time: A pilot multi-reader, multi-case study using concurrent Computer-Aided Detection (CAD). European Journal of Radiology, 2017, 97, 83-89.	2.6	40
29	Accuracy of Diffusion-Weighted Echo-Planar MR Imaging and ADC Mapping in the evaluation of residual Cervical Carcinoma after radiation therapy. Gynecologic Oncology, 2011, 123, 110-115.	1.4	39
30	Added Value of Contrast-Enhanced Spectral Mammography in Postscreening Assessment. Breast Journal, 2016, 22, 520-528.	1.0	38
31	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. Journal of Clinical Oncology, 2019, 37, 885-892.	1.6	38
32	Surgical Outcomes After Debulking Surgery for Intraabdominal Ovarian Growing Teratoma Syndrome: Analysis of 38 Cases. Annals of Surgical Oncology, 2015, 22, 964-970.	1.5	34
33	The challenge of rapid diagnosis in oncology: Diagnostic accuracy and cost analysis of a large-scale one-stop breast clinic. European Journal of Cancer, 2016, 66, 131-137.	2.8	33
34	Dynamic optical breast imaging: A novel technique to detect and characterize tumor vessels. European Journal of Radiology, 2009, 69, 43-49.	2.6	31
35	Prolonged SARS-CoV-2 RNA virus shedding and lymphopenia are hallmarks of COVID-19 in cancer patients with poor prognosis. Cell Death and Differentiation, 2021, 28, 3297-3315.	11.2	31
36	Management of cervical cancer detected during pregnancy: role of magnetic resonance imaging. Clinical Imaging, 2013, 37, 70-76.	1.5	30

#	Article	IF	Citations
37	Underestimation Rate at MR Imaging–guided Vacuum-assisted Breast Biopsy: A Multi-Institutional Retrospective Study of 1509 Breast Biopsies. Radiology, 2016, 281, 708-719.	7.3	30
38	Underlining the complexity of the structural and chemical characteristics of ectopic calcifications in breast tissues through FE-SEM and ¼FTIR spectroscopy. Comptes Rendus Chimie, 2016, 19, 1610-1624.	0.5	30
39	Impact of Preprocessing and Harmonization Methods on the Removal of Scanner Effects in Brain MRI Radiomic Features. Cancers, 2021, 13, 3000.	3.7	30
40	Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). European Radiology, 2022, 32, 1611-1623.	4.5	30
41	CAD in questions/answers. European Journal of Radiology, 2009, 69, 24-33.	2.6	28
42	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). Cancer, 2016, 122, 3032-3040.	4.1	26
43	Machine learning defined diagnostic criteria for differentiating pituitary metastasis from autoimmune hypophysitis in patients undergoing immune checkpoint blockade therapy. European Journal of Cancer, 2019, 119, 44-56.	2.8	26
44	Variability and errors when applying the BIRADS mammography classification. European Journal of Radiology, 2013, 82, 388-397.	2.6	25
45	Value of whole breast magnetic resonance elastography added to MRI for lesion characterization. NMR in Biomedicine, 2018, 31, e3795.	2.8	25
46	Diagnostic Performance of MR-guided Vacuum-Assisted Breast Biopsy: 8 Years of Experience. Breast Journal, 2016, 22, 83-89.	1.0	23
47	Influence of Magnetic Field Strength on Magnetic Resonance Imaging Radiomics Features in Brain Imaging, an In Vitro and In Vivo Study. Frontiers in Oncology, 2020, 10, 541663.	2.8	23
48	Characteristics, Treatment, and Outcome of Breast Cancers Diagnosed in BRCA1 and BRCA2 Gene Mutation Carriers in Intensive Screening Programs Including Magnetic Resonance Imaging. Clinical Breast Cancer, 2010, 10, 113-118.	2.4	22
49	A Model to Predict the Risk of Upgrade to Malignancy at Surgery in Atypical Breast Lesions Discovered on Percutaneous Biopsy Specimens. Annals of Surgical Oncology, 2013, 20, 2850-2857.	1.5	22
50	Post radiation hysterectomy in locally advanced cervical cancer: Outcomes and dosimetric impact. Radiotherapy and Oncology, 2016, 120, 460-466.	0.6	22
51	Dynamic optical breast imaging: A new technique to visualise breast vessels: Comparison with breast MRI and preliminary results. European Journal of Radiology, 2005, 54, 72-79.	2.6	21
52	Patient-assisted compression helps for image quality reduction dose and improves patient experience in mammography. European Journal of Cancer, 2018, 103, 137-142.	2.8	21
53	Locally advanced cervical cancer with bladder invasion: clinical outcomes and predictive factors for vesicovaginal fistulae. Oncotarget, 2018, 9, 9299-9310.	1.8	21
54	The potential of combined shear wave and strain elastography to reduce unnecessary biopsies in breast cancer diagnostics – An international, multicentre trial. European Journal of Cancer, 2022, 161, 1-9.	2.8	21

#	Article	IF	Citations
55	Observer variability in screen-film mammography versus full-field digital mammography with soft-copy reading. European Radiology, 2008, 18, 1134-1143.	4.5	20
56	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. Cancer Imaging, 2007, 7, 34-40.	2.8	19
57	Leptomeningeal and Medullary Response to Second-Line Erlotinib in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2008, 3, 677-679.	1.1	18
58	Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. European Radiology, 2020, 30, 5427-5436.	4.5	18
59	Patient satisfaction with a rapid diagnosis of suspicious breast lesions: Association with distress and anxiety. Breast Journal, 2018, 24, 154-160.	1.0	17
60	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?. Breast Journal, 2013, 19, 590-594.	1.0	16
61	Outcomes of patients with cancer and sarcoid-like granulomatosis associated with immune checkpoint inhibitors: A case–control study. European Journal of Cancer, 2021, 156, 46-59.	2.8	16
62	Loco-regional Control After Neo-adjuvant Chemotherapy and Conservative Treatment for Locally Advanced Breast Cancer Patients. Breast Journal, 2014, 20, 381-387.	1.0	13
63	BIRADSâ„¢ mammography: Exercises. European Journal of Radiology, 2007, 61, 195-201.	2.6	11
64	The Potential of Shear Wave Elastography to Reduce Unnecessary Biopsies in Breast Cancer Diagnosis: An International, Diagnostic, Multicenter Trial. Ultraschall in Der Medizin, 2023, 44, 162-168.	1.5	11
65	A new automated method to evaluate 2D mammographic breast density according to BI-RADSÂ® Atlas Fifth Edition recommendations. European Radiology, 2019, 29, 3830-3838.	4.5	9
66	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. European Radiology, 2022, 32, 4101-4115.	4.5	8
67	Impact of primary para-aortic lymphadenectomy on distant failure in locally advanced cervical cancer patients treated in the era of image-guided adaptive brachytherapy. Clinical and Experimental Metastasis, 2016, 33, 775-785.	3.3	6
68	Value of a short-term imaging follow-up after a benign result in a one-stop breast unit: Is it still useful?. European Journal of Cancer, 2017, 85, 23-30.	2.8	3
69	Breast tissue density change after oophorectomy in BRCA mutation carrier patients using visual & volumetric analysis. British Journal of Radiology, 2018, 91, 20170163.	2.2	3
70	Cost-effectiveness of preoperative magnetic resonance imaging to optimize surgery in ductal carcinoma in situ of the breast. European Journal of Radiology, 2020, 129, 109058.	2.6	3
71	Validation of a new fully automated software for 2D digital mammographic breast density evaluation in predicting breast cancer risk. Scientific Reports, 2021, 11, 19884.	3.3	3
72	Computed tomography evaluation after induction chemotherapy for T3 laryngeal cancer: Does response correlate with vocal cord mobility?. Oral Oncology, 2019, 90, 13-16.	1.5	2

#	Article	IF	Citations
73	Cancer surgery during the COVIDâ€19 pandemic: TheÂexperience of a comprehensive cancer center performing preoperative screening by RTâ€PCR and chest CT scan. Journal of Surgical Oncology, 2021, 123, 815-822.	1.7	2
74	Methodological Study to Investigate the Potential of Ultrasound-Based Elastography and Texture as Biomarkers to Monitor Liver Tumors. Diagnostics, 2020, 10, 811.	2.6	1
75	Une masse vaginale. Imagerie De La Femme, 2013, 23, 244-247.	0.0	0
76	Un oiseau rare. Imagerie De La Femme, 2015, 25, 223-227.	0.0	0
77	AsymÃ©trie de densitÃ©Â: quel apport de la tomosynthÃ¨seÂ?. Imagerie De La Femme, 2016, 26, 163-165.	0.0	0
78	BI-RADS 2013Âen Ã©chographieÂ: petit guide des nouveautÃ©s. Imagerie De La Femme, 2017, 27, 9-15.	0.0	0
79	Editorial Comment on â€œMixed-Methods Study to Predict Upstaging of DCIS to Invasive Disease on Mammographyâ€. American Journal of Roentgenology, 2021, 216, 911-911.	2.2	0
80	Abstract PD11-05: Intelligent shear-wave elastography to reduce unnecessary biopsies in breast cancer diagnosis (INSPiRED 002): An international, multicenter analysis. Cancer Research, 2022, 82, PD11-05-PD11-05.	0.9	0