Roberto Lo Gullo

List of Publications by Year
in descending order

32	892	567144 15	477173 29
papers	citations	h-index	g-index

32	32	32	1262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Yield of flow cytometry in addition to cytology for lymph node sampling in patients with incidental axillary adenopathy without a concurrent diagnosis of primary breast malignancy. Breast Cancer Research and Treatment, 2022, 191, 677-683.	1.1	1
2	Radiologist-Level Performance by Using Deep Learning for Segmentation of Breast Cancers on MRI Scans. Radiology: Artificial Intelligence, 2022, 4, e200231.	3.0	16
3	Differentiation Between Benign and Metastatic Breast Lymph Nodes Using Apparent Diffusion Coefficients. Frontiers in Oncology, 2022, 12, 795265.	1.3	8
4	MRI Screening of BRCA Mutation Carriers: Comparison of Standard Protocol and Abbreviated Protocols With and Without T2-Weighted Images. American Journal of Roentgenology, 2022, 218, 810-820.	1.0	11
5	Breast Lesion Classification with Multiparametric Breast MRI Using Radiomics and Machine Learning: A Comparison with Radiologistsâ€™ Performance. Cancers, 2022, 14, 1743.	1.7	16
6	A survey by the European Society of Breast Imaging on the implementation of breast diffusion-weighted imaging in clinical practice. European Radiology, 2022, 32, 6588-6597.	2.3	14
7	Evaluation of cancer outcome assessment using MRI: A review of deep-learning methods. BJR|Open, 2022, 4, .	0.4	0
8	Diagnostic value of diffusion-weighted imaging with synthetic b-values in breast tumors: comparison with dynamic contrast-enhanced and multiparametric MRI. European Radiology, 2021, 31, 356-367.	2.3	28
9	Diagnostic value of radiomics and machine learning with dynamic contrast-enhanced magnetic resonance imaging for patients with atypical ductal hyperplasia in predicting malignant upgrade. Breast Cancer Research and Treatment, 2021, 187, 535-545.	1.1	13
10	Multidimensional Diffusion Magnetic Resonance Imaging for Characterization of Tissue Microstructure in Breast Cancer Patients: A Prospective Pilot Study. Cancers, 2021, 13, 1606.	1.7	20
11	Radiomics and Machine Learning with Multiparametric Breast MRI for Improved Diagnostic Accuracy in Breast Cancer Diagnosis. Diagnostics, 2021, 11, 919.	1.3	25
12	AI-enhanced breast imaging: Where are we and where are we heading?. European Journal of Radiology, 2021, 142, 109882.	1.2	35
13	Assessing PD-L1 Expression Status Using Radiomic Features from Contrast-Enhanced Breast MRI in Breast Cancer Patients: Initial Results. Cancers, 2021, 13, 6273.	1.7	9
14	Machine learning with multiparametric magnetic resonance imaging of the breast for early prediction of response to neoadjuvant chemotherapy. Breast, 2020, 49, 115-122.	0.9	52
15	MRI-based machine learning radiomics can predict HER2 expression level and pathologic response after neoadjuvant therapy in HER2 overexpressing breast cancer. EBioMedicine, 2020, 61, 103042.	2.7	68
16	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. Breast Cancer Research, 2020, 22, 93.	2.2	4
17	High-Spatial-Resolution Multishot Multiplexed Sensitivity-encoding Diffusion-weighted Imaging for Improved Quality of Breast Images and Differentiation of Breast Lesions: A Feasibility Study. Radiology Imaging Cancer, 2020, 2, e190076.	0.7	19
18	Combining molecular and imaging metrics in cancer: radiogenomics. Insights Into Imaging, 2020, 11, 1.	1.6	150

#	Article	IF	Citations
19	Multicentric breast cancer with heterogeneous histopathology: a multidisciplinary review. Future Oncology, 2020, 16, 395-412.	1.1	11
20	Improved characterization of sub-centimeter enhancing breast masses on MRI with radiomics and machine learning in BRCA mutation carriers. European Radiology, 2020, 30, 6721-6731.	2.3	31
21	Cause determination of missed lung nodules and impact of reader training and education: Simulation study with nodule insertion software. Journal of Cancer Research and Therapeutics, 2020, 16, 780.	0.3	3
22	Can CT radiomic analysis in NSCLC predict histology and EGFR mutation status?. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	74
23	Fibromatosis of the breast mimicking cancer: A case report. Radiology Case Reports, 2018, 13, 1-5.	0.2	12
24	CT texture analysis of histologically proven benign and malignant lung lesions. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.4	31
25	Hereditary lobular breast cancer with an emphasis on E-cadherin genetic defect. Journal of Medical Genetics, 2018, 55, 431-441.	1.5	68
26	Recent Advances in Computed Tomographic Technology. Journal of Thoracic Imaging, 2017, 32, 89-100.	0.8	38
27	Reliability of body size measurements obtained at autopsy: impact on the pathologic assessment of the heart. Forensic Science, Medicine, and Pathology, 2016, 12, 139-145.	0.6	10
28	Dual-Energy CT: Spectrum of Thoracic Abnormalities. Radiographics, 2016, 36, 38-52.	1.4	90
29	Assessment of sub-milli-sievert abdominal computed tomography with iterative reconstruction techniques of different vendors. World Journal of Radiology, 2016, 8, 618.	0.5	11
30	Quantification of interstitial fluid on whole body CT: comparison with whole body autopsy. Forensic Science, Medicine, and Pathology, 2015, 11, 488-496.	0.6	7
31	Can the Unenhanced Phase Be Eliminated From Dual-Phase CT Angiography for Chest Pain? Implications for Diagnostic Accuracy in Acute Aortic Intramural Hematoma. American Journal of Roentgenology, 2014, 203, 1171-1180.	1.0	16
32	MRI-Based Machine Learning Radiomics Can Predict HER2 Expression Level and Pathologic Response after Neoadjuvant Therapy in HER2 Overexpressing Breast Cancer. SSRN Electronic Journal, 0, , .	0.4	1