Roberta Fusco Eng

List of Publications by Year
in descending order

180 papers	4,549 citations	81900 39 h-index	175258 52 g-index
182 all docs	182 docs citations	182 times ranked	3629 citing authors

#	Article	IF	Citations
1	Radiofrequency Ablation and Microwave Ablation in Liver Tumors: An Update. Oncologist, 2019, 24, e990-e1005.	3.7	307
2	Discrimination power of long-term heart rate variability measures for chronic heart failure detection. Medical and Biological Engineering and Computing, 2011, 49, 67-74.	2.8	84
3	Early Assessment of Colorectal Cancer Patients with Liver Metastases Treated with Antiangiogenic Drugs: The Role of Intravoxel Incoherent Motion in Diffusion-Weighted Imaging. PLoS ONE, 2015, 10, e0142876.	2.5	84
4	Electrochemotherapy in locally advanced pancreatic cancer: Preliminary results. International Journal of Surgery, 2015, 18, 230-236.	2.7	79
5	Cellular and molecular crosstalk between leptin receptor and estrogen receptor-α in breast cancer: molecular basis for a novel therapeutic setting. Endocrine-Related Cancer, 2010, 17, 373-382.	3.1	78
6	Pattern Recognition Approaches for Breast Cancer DCE-MRI Classification: A Systematic Review. Journal of Medical and Biological Engineering, 2016, 36, 449-459.	1.8	74
7	Intravoxel incoherent motion (IVIM) in diffusion-weighted imaging (DWI) for Hepatocellular carcinoma: correlation with histologic grade. Oncotarget, 2016, 7, 79357-79364.	1.8	68
8	Surveillance of HCC Patients after Liver RFA: Role of MRI with Hepatospecific Contrast versus Three-Phase CT Scan—Experience of High Volume Oncologic Institute. Gastroenterology Research and Practice, 2013, 2013, 1-9.	1.5	64
9	Immediate Adverse Reactions to Gadolinium-Based MR Contrast Media: A Retrospective Analysis on 10,608 Examinations. BioMed Research International, 2016, 2016, 1-6.	1.9	64
10	Dissecting the mechanisms and molecules underlying the potential carcinogenicity of red and processed meat in colorectal cancer (CRC): an overview on the current state of knowledge. Infectious Agents and Cancer, 2018, 13, 3.	2.6	63
11	Electrocardiogram Pattern Recognition and Analysis Based on Artificial Neural Networks and Support Vector Machines: A Review. Journal of Healthcare Engineering, 2013, 4, 465-504.	1.9	62
12	Artificial Intelligence and COVID-19 Using Chest CT Scan and Chest X-ray Images: Machine Learning and Deep Learning Approaches for Diagnosis and Treatment. Journal of Personalized Medicine, 2021, 11, 993.	2.5	58
13	Diagnostic performance of gadoxetic acid—enhanced liver MRI versus multidetector CT in the assessment of colorectal liver metastases compared to hepatic resection. BMC Gastroenterology, 2019, 19, 129.	2.0	54
14	Electrochemotherapy as a new approach on pancreatic cancer and on liver metastases. International Journal of Surgery, 2015, 21, S78-S82.	2.7	53
15	Early radiological assessment of locally advanced pancreatic cancer treated with electrochemotherapy. World Journal of Gastroenterology, 2017, 23, 4767.	3.3	53
16	Radiomics-Derived Data by Contrast Enhanced Magnetic Resonance in RAS Mutations Detection in Colorectal Liver Metastases. Cancers, 2021, 13, 453.	3.7	50
17	Multi-planar 3D breast segmentation in MRI via deep convolutional neural networks. Artificial Intelligence in Medicine, 2020, 103, 101781.	6.5	49
18	Radiomics textural features by MR imaging to assess clinical outcomes following liver resection in colorectal liver metastases. Radiologia Medica, 2022, 127, 461-470.	7.7	49

#	Article	IF	Citations
19	Intrahepatic cholangiocarcinoma and its differential diagnosis at MRI: how radiologist should assess MR features. Radiologia Medica, 2021, 126, 1584-1600.	7.7	48
20	Percutaneous Ablation Therapy of Hepatocellular Carcinoma With Irreversible Electroporation: MRI Findings. American Journal of Roentgenology, 2015, 204, 1000-1007.	2.2	46
21	Irreversible electroporation of hepatocellular carcinoma: preliminary report on the diagnostic accuracy of magnetic resonance, computer tomography, and contrast-enhanced ultrasound in evaluation of the ablated area. Radiologia Medica, 2016, 121, 122-131.	7.7	46
22	A systematic review on multiparametric MR imaging in prostate cancer detection. Infectious Agents and Cancer, 2017, 12, 57.	2.6	46
23	The current role and future prospectives of functional parameters by diffusion weighted imaging in the assessment of histologic grade of HCC. Infectious Agents and Cancer, 2018, 13, 23.	2.6	46
24	Standardized Index of Shape (DCE-MRI) and Standardized Uptake Value (PET/CT): Two quantitative approaches to discriminate chemo-radiotherapy locally advanced rectal cancer responders under a functional profile. Oncotarget, 2017, 8, 8143-8153.	1.8	46
25	Critical analysis of the major and ancillary imaging features of LI-RADS on 127 proven HCCs evaluated with functional and morphological MRI: Lights and shadows. Oncotarget, 2017, 8, 51224-51237.	1.8	46
26	Diffusion and perfusion MR parameters to assess preoperative short-course radiotherapy response in locally advanced rectal cancer: a comparative explorative study among Standardized Index of Shape by DCE-MRI, intravoxel incoherent motion- and diffusion kurtosis imaging-derived parameters. Abdominal Radiology, 2019, 44, 3683-3700.	2.1	45
27	Quantitative imaging decision support (QIDS^{TM}) tool consistency evaluation and radiomic analysis by means of 594 metrics in lung carcinoma on chest CT scan. Cancer Control, 2021, 28, 107327482098578.	1.8	45
28	Standardized Index of Shape (SIS): a quantitative DCE-MRI parameter to discriminate responders by non-responders after neoadjuvant therapy in LARC. European Radiology, 2015, 25, 1935-1945.	4.5	44
29	Magnetic resonance imaging evaluation in neoadjuvant therapy of locally advanced rectal cancer: a systematic review. Radiology and Oncology, 2017, 51, 252-262.	1.7	44
30	Radiomics in hepatic metastasis by colorectal cancer. Infectious Agents and Cancer, 2021, 16, 39.	2.6	44
31	Preliminary Report on Computed Tomography Radiomics Features as Biomarkers to Immunotherapy Selection in Lung Adenocarcinoma Patients. Cancers, 2021, 13, 3992.	3.7	44
32	The target sign in colorectal liver metastases: an atypical Gd-EOB-DTPA "uptake" on the hepatobiliary phase of MR imaging. Abdominal Imaging, 2015, 40, 2364-2371.	2.0	43
33	Lymphadenopathy after BNT162b2 Covid-19 Vaccine: Preliminary Ultrasound Findings. Biology, 2021, 10, 214.	2.8	43
34	Integration of DCE-MRI and DW-MRI Quantitative Parameters for Breast Lesion Classification. BioMed Research International, 2015, 2015, 1-12.	1.9	42
35	Diffusion-Weighted MRI and Diffusion Kurtosis Imaging to Detect RAS Mutation in Colorectal Liver Metastasis. Cancers, 2020, 12, 2420.	3.7	42
36	Diagnostic accuracy of magnetic resonance, computed tomography and contrast enhanced ultrasound in radiological multimodality assessment of peribiliary liver metastases. PLoS ONE, 2017, 12, e0179951.	2.5	42

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37	Abbreviated breast dynamic contrast-enhanced MR imaging for lesion detection and characterization: the experience of an Italian oncologic center. Breast Cancer Research and Treatment, 2017, 164, 401-410.	2.5	41
38	Major and ancillary magnetic resonance features of LI-RADS to assess HCC: an overview and update. Infectious Agents and Cancer, 2017, 12, 23.	2.6	41
39	Validation of the standardized index of shape tool to analyze DCE-MRI data in the assessment of neo-adjuvant therapy in locally advanced rectal cancer. Radiologia Medica, 2021, 126, 1044-1054.	7.7	41
40	Chest CT Computerized Aided Quantification of PNEUMONIA Lesions in COVID-19 Infection: A Comparison among Three Commercial Software. International Journal of Environmental Research and Public Health, 2020, 17, 6914.	2.6	40
41	Assessment of Ablation Therapy in Pancreatic Cancer: The Radiologist's Challenge. Frontiers in Oncology, 2020, 10, 560952.	2.8	39
42	COVID-19 pneumonia: computer-aided quantification of healthy lung parenchyma, emphysema, ground glass and consolidation on chest computed tomography (CT). Radiologia Medica, 2021, 126, 553-560.	7.7	39
43	Structured reporting of computed tomography in the staging of colon cancer: a Delphi consensus proposal. Radiologia Medica, 2022, 127, 21-29.	7.7	39
44	Magnetic resonance imaging in the assessment of pancreatic cancer with quantitative parameter extraction by means of dynamic contrast-enhanced magnetic resonance imaging, diffusion kurtosis imaging and intravoxel incoherent motion diffusion-weighted imaging. Therapeutic Advances in Gastroenterology, 2020, 13, 175628481988505.	3.2	38
45	Radiomics and machine learning analysis based on magnetic resonance imaging in the assessment of liver mucinous colorectal metastases. Radiologia Medica, 2022, 127, 763-772.	7.7	38
46	The multidisciplinary team for gastroenteropancreatic neuroendocrine tumours: the radiologist's challenge. Radiology and Oncology, 2019, 53, 373-387.	1.7	36
47	Multidetector computer tomography in the pancreatic adenocarcinoma assessment: an update. Infectious Agents and Cancer, 2016, 11, 57.	2.6	34
48	Structured Reporting of Rectal Cancer Staging and Restaging: A Consensus Proposal. Cancers, 2021, 13, 2135.	3.7	32
49	MRI for Assessing Response to Neoadjuvant Therapy in Locally Advanced Rectal Cancer Using DCE-MR and DW-MR Data Sets: A Preliminary Report. BioMed Research International, 2015, 2015, 1-8.	1.9	31
50	Microvascular invasion and grading in hepatocellular carcinoma: correlation with major and ancillary features according to LIRADS. Abdominal Radiology, 2019, 44, 2788-2800.	2.1	31
51	Prediction of Breast Cancer Histological Outcome by Radiomics and Artificial Intelligence Analysis in Contrast-Enhanced Mammography. Cancers, 2022, 14, 2132.	3.7	31
52	Breast DCE-MRI: lesion classification using dynamic and morphological features by means of a multiple classifier system. European Radiology Experimental, 2017, 1, 10.	3.4	29
53	Qualitative assessment of EOB-GD-DTPA and Gd-BT-DO3A MR contrast studies in HCC patients and colorectal liver metastases. Infectious Agents and Cancer, 2019, 14, 40.	2.6	29
54	CT-Based Radiomics Analysis to Predict Histopathological Outcomes Following Liver Resection in Colorectal Liver Metastases. Cancers, 2022, 14, 1648.	3.7	29

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55	Prospective screening increases the detection of potentially curable hepatocellular carcinoma: results in 8900 high-risk patients. Hpb, 2013, 15, 985-990.	0.3	28
56	Clinical Phase I/II Study: Local Disease Control and Survival in Locally Advanced Pancreatic Cancer Treated with Electrochemotherapy. Journal of Clinical Medicine, 2021, 10, 1305.	2.4	28
57	Abbreviated MRI protocol for colorectal liver metastases: How the radiologist could work in pre surgical setting. PLoS ONE, 2020, 15, e0241431.	2.5	28
58	Coronavirus disease 2019 (COVID-19) in Italy: features on chest computed tomography using a structured report system. Scientific Reports, 2020, 10, 17236.	3.3	27
59	Local ablation of pancreatic tumors: State of the art and future perspectives. World Journal of Gastroenterology, 2021, 27, 3413-3428.	3.3	27
60	Contrast MR-Based Radiomics and Machine Learning Analysis to Assess Clinical Outcomes following Liver Resection in Colorectal Liver Metastases: A Preliminary Study. Cancers, 2022, 14, 1110.	3.7	27
61	Use of Tracer Kinetic Models for Selection of Semi-Quantitative Features for DCE-MRI Data Classification. Applied Magnetic Resonance, 2013, 44, 1311-1324.	1.2	26
62	Assessing response to neo-adjuvant therapy in locally advanced rectal cancer using Intra-voxel Incoherent Motion modelling by DWI data and Standardized Index of Shape from DCE-MRI. Therapeutic Advances in Medical Oncology, 2018, 10, 175883591880987.	3.2	26
63	A radiologist's point of view in the presurgical and intraoperative setting of colorectal liver metastases. Future Oncology, 2018, 14, 2189-2206.	2.4	26
64	Diagnostic evaluation and ablation treatments assessment in hepatocellular carcinoma. Infectious Agents and Cancer, 2021, 16, 53.	2.6	25
65	Pancreatic cancer detection and characterization: state of the art and radiomics. European Review for Medical and Pharmacological Sciences, 2021, 25, 3684-3699.	0.7	24
66	Radiomics in medical imaging: pitfalls and challenges in clinical management. Japanese Journal of Radiology, 2022, 40, 919-929.	2.4	24
67	Liver radiologic findings of chemotherapy-induced toxicity in liver colorectal metastases patients. European Review for Medical and Pharmacological Sciences, 2019, 23, 9697-9706.	0.7	23
68	EOB-MR Based Radiomics Analysis to Assess Clinical Outcomes following Liver Resection in Colorectal Liver Metastases. Cancers, 2022, 14, 1239.	3.7	23
69	MR imaging perfusion and diffusion analysis to assess preoperative Short Course Radiotherapy response in locally advanced rectal cancer: Standardized Index of Shape by DCE-MRI and intravoxel incoherent motion-derived parameters by DW-MRI. Medical Oncology, 2017, 34, 198.	2.5	22
70	A multiparametric analysis combining DCE-MRI- and IVIM -derived parameters to improve differentiation of parotid tumors: a pilot study. Future Oncology, 2018, 14, 2893-2903.	2.4	22
71	Use of Quantitative Morphological and Functional Features for Assessment of Axillary Lymph Node in Breast Dynamic Contrast-Enhanced Magnetic Resonance Imaging. BioMed Research International, 2018, 2018, 1-8.	1.9	22
72	Introduction to Special Issue of Radiology and Imaging of Cancer. Cancers, 2020, 12, 2665.	3.7	22

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73	Coronavirus Disease 2019 (COVID-19) in Italy: Double Reading of Chest CT Examination. Biology, 2021, 10, 89.	2.8	22
74	Multiparametric MRI for prostate cancer detection: Performance in patients with prostate-specific antigen values between 2.5 and 10 ng/mL. Journal of Magnetic Resonance Imaging, 2014, 39, 1206-1212.	3.4	21
75	Multiparametric MRI for prostate cancer detection: Preliminary results on quantitative analysis of dynamic contrast enhanced imaging, diffusion-weighted imaging and spectroscopy imaging. Magnetic Resonance Imaging, 2016, 34, 839-845.	1.8	21
76	A comparison of fitting algorithms for diffusion-weighted MRI data analysis using an intravoxel incoherent motion model. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2017, 30, 113-120.	2.0	21
77	Comprehensive computer‐aided diagnosis for breast T1‐weighted DCE‐MRI through quantitative dynamical features and spatio‐temporal local binary patterns. IET Computer Vision, 2018, 12, 1007-1017.	2.0	21
78	Growth and in vivo stresses traced through tumor mechanics enriched with predator-prey cells dynamics. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 86, 55-70.	3.1	21
79	Diffusion kurtosis imaging in patients with locally advanced rectal cancer: current status and future perspectives. Journal of International Medical Research, 2019, 47, 2351-2360.	1.0	21
80	Evaluation of average glandular dose and investigation of the relationship with compressed breast thickness in dual energy contrast enhanced digital mammography and digital breast tomosynthesis. European Journal of Radiology, 2020, 126, 108912.	2.6	21
81	Blood oxygenation level dependent magnetic resonance imaging and diffusion weighted MRI imaging for benign and malignant breast cancer discrimination. Magnetic Resonance Imaging, 2021, 75, 51-59.	1.8	21
82	Radiomics and Artificial Intelligence Analysis with Textural Metrics Extracted by Contrast-Enhanced Mammography in the Breast Lesions Classification. Diagnostics, 2021, 11, 815.	2.6	21
83	Textural radiomic features and time-intensity curve data analysis by dynamic contrast-enhanced MRI for early prediction of breast cancer therapy response: preliminary data. European Radiology Experimental, 2020, 4, 8.	3.4	21
84	Structured reporting of x-ray mammography in the first diagnosis of breast cancer: a Delphi consensus proposal. Radiologia Medica, 2022, 127, 471-483.	7.7	21
85	Lymph Nodes Evaluation in Rectal Cancer: Where Do We Stand and Future Perspective. Journal of Clinical Medicine, 2022, 11, 2599.	2.4	21
86	A Multiple Classifier System for Classification of Breast Lesions Using Dynamic and Morphological Features in DCE-MRI. Lecture Notes in Computer Science, 2012, , 684-692.	1.3	20
87	Procedures for location of non-palpable breast lesions: a systematic review for the radiologist. Breast Cancer, 2014, 21, 522-531.	2.9	20
88	Radiological assessment of anal cancer: an overview and update. Infectious Agents and Cancer, 2016, 11, 52.	2.6	20
89	Digital breast tomosynthesis and contrast‐enhanced dual‐energy digital mammography alone and in combination compared to 2D digital synthetized mammography and MR imaging in breast cancer detection and classification. Breast Journal, 2020, 26, 860-872.	1.0	20
90	Diagnostic performance of magnetic resonance imaging and 3D endoanal ultrasound in detection, staging and assessment post treatment, in anal cancer. Oncotarget, 2017, 8, 22980-22990.	1.8	20

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91	Anesthetic dreaming, anesthesia awareness and patient satisfaction after deep sedation with propofol target controlled infusion: A prospective cohort study of patients undergoing day case breast surgery. Oncotarget, 2017, 8, 79248-79256.	1.8	20
92	Radiomics and Machine Learning Analysis Based on Magnetic Resonance Imaging in the Assessment of Colorectal Liver Metastases Growth Pattern. Diagnostics, 2022, 12, 1115.	2.6	20
93	Management of cutaneous melanoma: radiologists challenging and risk assessment. Radiologia Medica, 2022, 127, 899-911.	7.7	20
94	An expectation-maximisation approach for simultaneous pixel classification and tracer kinetic modelling in dynamic contrast enhanced-magnetic resonance imaging. Medical and Biological Engineering and Computing, 2011, 49, 485-495.	2.8	19
95	Integrating contrast-enhanced sonography in the follow-up algorithm of hepatocellular carcinoma treated with radiofrequency ablation: single cancer center experience. Acta Radiologica, 2015, 56, 133-142.	1.1	19
96	The Use of the Levenberg–Marquardt and Variable Projection Curve-Fitting Algorithm in Intravoxel Incoherent Motion Method for DW-MRI Data Analysis. Applied Magnetic Resonance, 2015, 46, 551-558.	1.2	19
97	A Systematic Review about Imaging and Histopathological Findings for Detecting and Evaluating Electroporation Based Treatments Response. International Journal of Environmental Research and Public Health, 2021, 18, 5592.	2.6	19
98	Electrochemotherapy in pancreatic adenocarcinoma treatment: pre-clinical and clinical studies. Radiology and Oncology, 2016, 50, 14-20.	1.7	19
99	Dynamic contrast-enhanced MRI in breast cancer: A comparison between distributed and compartmental tracer kinetic models. Journal of Biomedical Graphics and Computing, 2012, 2, .	0.2	18
100	Abbreviated MRI Protocol for the Assessment of Ablated Area in HCC Patients. International Journal of Environmental Research and Public Health, 2021, 18, 3598.	2.6	18
101	Diffusion kurtosis imaging and conventional diffusion weighted imaging to assess electrochemotherapy response in locally advanced pancreatic cancer. Radiology and Oncology, 2019, 53, 15-24.	1.7	18
102	Segmentation and classification of breast lesions using dynamic and textural features in Dynamic Contrast Enhanced-Magnetic Resonance Imaging. , 2012, , .		17
103	Combined Hepatocellular-Cholangiocarcinoma: What the Multidisciplinary Team Should Know. Diagnostics, 2022, 12, 890.	2.6	17
104	Combined magnetic resonance spectroscopy and dynamic contrast-enhanced imaging for prostate cancer detection. Urologic Oncology: Seminars and Original Investigations, 2013, 31, 761-765.	1.6	16
105	An Investigation of Deep Learning for Lesions Malignancy Classification in Breast DCE-MRI. Lecture Notes in Computer Science, 2017, , 479-489.	1.3	16
106	Automatic Lesion Detection in Breast DCE-MRI. Lecture Notes in Computer Science, 2013, , 359-368.	1.3	16
107	Beyond the vascular profile: conventional DWI, IVIM and kurtosis in the assessment of hepatocellular carcinoma. European Review for Medical and Pharmacological Sciences, 2020, 24, 7284-7293.	0.7	16
108	Breast Cancer Screening during COVID-19 Emergency: Patients and Department Management in a Local Experience. Journal of Personalized Medicine, 2021, 11, 380.	2.5	15

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109	Structured Reporting of Lung Cancer Staging: A Consensus Proposal. Diagnostics, 2021, 11, 1569.	2.6	15
110	Surgical impact of preoperative breast MRI in women below 40Âyears of age. Breast Cancer Research and Treatment, 2013, 140, 527-533.	2.5	14
111	Peribiliary liver metastases MR findings. Medical Oncology, 2017, 34, 124.	2.5	14
112	Quantitative Analysis of Residual COVID-19 Lung CT Features: Consistency among Two Commercial Software. Journal of Personalized Medicine, 2021, 11, 1103.	2.5	14
113	Breast segmentation using Fuzzy C-Means and anatomical priors in DCE-MRI. , 2016, , .		13
114	Added Value of Breast MRI for Preoperative Diagnosis of Ductal Carcinoma In Situ: Diagnostic Performance on 362 Patients. Clinical Breast Cancer, 2017, 17, e127-e134.	2.4	13
115	Watch and Wait Approach for Rectal Cancer Following Neoadjuvant Treatment: The Experience of a High Volume Cancer Center. Diagnostics, 2021, 11, 1507.	2.6	13
116	An update on radiomics techniques in primary liver cancers. Infectious Agents and Cancer, 2022, 17, 6.	2.6	13
117	Radiomic and Artificial Intelligence Analysis with Textural Metrics Extracted by Contrast-Enhanced Mammography and Dynamic Contrast Magnetic Resonance Imaging to Detect Breast Malignant Lesions. Current Oncology, 2022, 29, 1947-1966.	2.2	13
118	Magnetic Resonance Features of Liver Mucinous Colorectal Metastases: What the Radiologist Should Know. Journal of Clinical Medicine, 2022, 11, 2221.	2.4	13
119	A Novel Model-Based Measure for Quality Evaluation of Image Registration Techniques in DCE-MRI. , 2014, , .		12
120	Uncommon neoplasms of the biliary tract: radiological findings. British Journal of Radiology, 2017, 90, 20160561.	2.2	12
121	A Multicenter Randomized Controlled Prospective Study to Assess Efficacy of Laparoscopic Electrochemotherapy in the Treatment of Locally Advanced Pancreatic Cancer. Journal of Clinical Medicine, 2021, 10, 4011.	2.4	12
122	Computed Tomography Structured Reporting in the Staging of Lymphoma: A Delphi Consensus Proposal. Journal of Clinical Medicine, 2021, 10, 4007.	2.4	12
123	Current status on response to treatment in locally advanced rectal cancer: what the radiologist should know. European Review for Medical and Pharmacological Sciences, 2020, 24, 12050-12062.	0.7	12
124	Diffusion weighted imaging and diffusion kurtosis imaging in abdominal oncological setting: why and when. Infectious Agents and Cancer, 2022, 17, .	2.6	12
125	DCE-MRI timeâ€"intensity curve visual inspection to assess pathological response after neoadjuvant therapy in locally advanced rectal cancer. Japanese Journal of Radiology, 2018, 36, 611-621.	2.4	11
126	New Deployable Expandable Electrodes in the Electroporation Treatment in a Pig Model: A Feasibility and Usability Preliminary Study. Cancers, 2020, 12, 515.	3.7	11

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127	Covid-19 infection in cancer patients: the management in a diagnostic unit. Radiology and Oncology, 2021, 55, 121-129.	1.7	11
128	Major and ancillary features according to LI-RADS in the assessment of combined hepatocellular-cholangiocarcinoma. Radiology and Oncology, 2020, 54, 149-158.	1.7	11
129	Structured Reporting of Computed Tomography in the Staging of Neuroendocrine Neoplasms: A Delphi Consensus Proposal. Frontiers in Endocrinology, 2021, 12, 748944.	3.5	11
130	Blood Oxygenation Level Dependent Magnetic Resonance Imaging (MRI), Dynamic Contrast Enhanced MRI, and Diffusion Weighted MRI for Benign and Malignant Breast Cancer Discrimination: A Preliminary Experience. Cancers, 2021, 13, 2421.	3.7	10
131	Selection of Suspicious ROIs in Breast DCE-MRI. Lecture Notes in Computer Science, 2011, , 48-57.	1.3	10
132	Structured Reporting of Computed Tomography and Magnetic Resonance in the Staging of Pancreatic Adenocarcinoma: A Delphi Consensus Proposal. Diagnostics, 2021, 11, 2033.	2.6	10
133	Radiological assessment of secondary biliary tree lesions: an update. Journal of International Medical Research, 2020, 48, 030006051985039.	1.0	9
134	Additional Considerations on Use of Abbreviated Liver MRI in Patients With Colorectal Liver Metastases. American Journal of Roentgenology, 2021, 217, W1-W1.	2.2	9
135	Title is missing!. Journal of Medical and Biological Engineering, 2014, 34, 157.	1.8	9
136	Radiomic features of breast parenchyma: assessing differences between FOR PROCESSING and FOR PRESENTATION digital mammography. Insights Into Imaging, 2021, 12, 147.	3.4	9
137	Conventional, functional and radiomics assessment for intrahepatic cholangiocarcinoma. Infectious Agents and Cancer, 2022, 17, 13.	2.6	9
138	Pulmonary Lymphangitis Poses a Major Challenge for Radiologists in an Oncological Setting during the COVID-19 Pandemic. Journal of Personalized Medicine, 2022, 12, 624.	2.5	9
139	Complications after Thermal Ablation of Hepatocellular Carcinoma and Liver Metastases: Imaging Findings. Diagnostics, 2022, 12, 1151.	2.6	9
140	Imaging Severity COVID-19 Assessment in Vaccinated and Unvaccinated Patients: Comparison of the Different Variants in a High Volume Italian Reference Center. Journal of Personalized Medicine, 2022, 12, 955.	2.5	9
141	Risk Management in Magnetic Resonance: Failure Mode, Effects, and Criticality Analysis. BioMed Research International, 2013, 2013, 1-5.	1.9	8
142	Data-driven selection of motion correction techniques in breast DCE-MRI. , 2015, , .		8
143	Breast contrast-enhanced MR imaging: semiautomatic detection of vascular map. Breast Cancer, 2016, 23, 266-272.	2.9	8
144	T1 colon cancer in the era of screening: risk factors and treatment. Techniques in Coloproctology, 2017, 21, 139-147.	1.8	8

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145	Identification and Targeting of Stem Cell-Activated Pathways in Cancer Therapy. Stem Cells International, 2019, 2019, 1-2.	2.5	8
146	Morphological and functional features prognostic factor of magnetic resonance imaging in locally advanced rectal cancer. Acta Radiologica, 2019, 60, 815-825.	1.1	8
147	The safety and efficacy of Glubran 2 as biliostatic agent in liver resection. Infectious Agents and Cancer, 2021, 16, 19.	2.6	8
148	Breast Contrast Enhanced MR Imaging: Semi-Automatic Detection of Vascular Map and Predominant Feeding Vessel. PLoS ONE, 2016, 11, e0161691.	2.5	8
149	Radiomics Metrics Combined with Clinical Data in the Surgical Management of Early-Stage (cT1â€"T2 N0) Tongue Squamous Cell Carcinomas: A Preliminary Study. Biology, 2022, 11, 468.	2.8	8
150	Complications Risk Assessment and Imaging Findings of Thermal Ablation Treatment in Liver Cancers: What the Radiologist Should Expect. Journal of Clinical Medicine, 2022, 11, 2766.	2.4	8
151	Contrast-Enhanced Ultrasound in the Assessment of Patients with Indeterminate Abdominal Findings at Positron Emission Tomography Imaging. Ultrasound in Medicine and Biology, 2016, 42, 2717-2723.	1.5	7
152	Radiomic features analysis by digital breast tomosynthesis and contrast-enhanced dual-energy mammography to detect malignant breast lesions. Biomedical Signal Processing and Control, 2019, 53, 101568.	5.7	7
153	Organ Sparing for Locally Advanced Rectal Cancer after Neoadjuvant Treatment Followed by Electrochemotherapy. Cancers, 2021, 13, 3199.	3.7	7
154	LBP-TOP for Volume Lesion Classification in Breast DCE-MRI. Lecture Notes in Computer Science, 2015, , 647-657.	1.3	7
155	Comment on â€œState of the art in magnetic resonance imaging of hepatocellular carcinomaâ€: the role of DWI. Radiology and Oncology, 2019, 53, 369-370.	1.7	7
156	Not only lymphadenopathy: case of chest lymphangitis assessed with MRI after COVID 19 vaccine. Infectious Agents and Cancer, 2022, 17, 8.	2.6	7
157	Design and Characterization of a Minimally Invasive Bipolar Electrode for Electroporation. Biology, 2020, 9, 303.	2.8	6
158	Radiomic and Artificial Intelligence Analysis with Textural Metrics, Morphological and Dynamic Perfusion Features Extracted by Dynamic Contrast-Enhanced Magnetic Resonance Imaging in the Classification of Breast Lesions. Applied Sciences (Switzerland), 2021, 11, 1880.	2.5	6
159	Can semi-quantitative evaluation of uncertain (type II) time-intensity curves improve diagnosis in breast DCE-MRI?. Journal of Biomedical Science and Engineering, 2013, 06, 418-425.	0.4	6
160	Optical imaging of the breast: evaluation of deoxyhemoglobin concentration alteration in 166 patients with suspicious breast lesions. European Radiology Experimental, 2018, 2, 8.	3.4	5
161	Comments on â€œElectrochemotherapy with Irreversible Electroporation and FOLFIRINOX Improves Survival in Murine Models of Pancreatic Adenocarcinomaâ€. Annals of Surgical Oncology, 2020, 27, 954-955.	1.5	5
162	Quantification of heterogeneity to classify benign parotid tumors: a feasibility study on most frequent histotypes. Future Oncology, 2020, 16, 763-778.	2.4	5

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163	Evolution of CT Findings and Lung Residue in Patients with COVID-19 Pneumonia: Quantitative Analysis of the Disease with a Computer Automatic Tool. Journal of Personalized Medicine, 2021, 11, 641.	2.5	5
164	Electrochemotherapy of Primary Colon Rectum Cancer and Local Recurrence: Case Report and Prospective Analysis. Journal of Clinical Medicine, 2022, 11, 2745.	2.4	5
165	A Narrative Review on LI-RADS Algorithm in Liver Tumors: Prospects and Pitfalls. Diagnostics, 2022, 12, 1655.	2.6	5
166	The Role of Magnetic Resonance Enterography in Crohnâ€™s Disease: A Review of Recent Literature. Diagnostics, 2022, 12, 1236.	2.6	4
167	Dynamic Contrast Enhanced Magnetic Resonance Imaging in Rectal Cancer. , 2011, , .		3
168	A geometrical perspective on the 3TP method in DCE-MRI. Biomedical Signal Processing and Control, 2015, 16, 32-39.	5.7	3
169	D-optimal design of b-values for precise intra-voxel incoherent motion imaging. Biomedical Physics and Engineering Express, 2019, 5, 035025.	1.2	3
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