

# Antonella Petrillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5303094/publications.pdf>

Version: 2024-02-01

205  
papers

5,954  
citations

71102

41  
h-index

114465

63  
g-index

208  
all docs

208  
docs citations

208  
times ranked

6796  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Therapeutic Targets of miRNA in Hepatic Cancer Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-10.	2.5	320
2	Abscopal effects of radiotherapy on advanced melanoma patients who progressed after ipilimumab immunotherapy. <i>Oncolmmunology</i> , 2014, 3, e28780.	4.6	318
3	Radiofrequency Ablation and Microwave Ablation in Liver Tumors: An Update. <i>Oncologist</i> , 2019, 24, e990-e1005.	3.7	307
4	Immunological and biological changes during ipilimumab treatment and their potential correlation with clinical response and survival in patients with advanced melanoma. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 675-683.	4.2	230
5	Phase II Study of Pegylated Arginine Deiminase for Nonresectable and Metastatic Hepatocellular Carcinoma. <i>Journal of Clinical Oncology</i> , 2010, 28, 2220-2226.	1.6	163
6	CXCR4/YY1 inhibition impairs VEGF network and angiogenesis during malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14484-14489.	7.1	104
7	Early Assessment of Colorectal Cancer Patients with Liver Metastases Treated with Antiangiogenic Drugs: The Role of Intravoxel Incoherent Motion in Diffusion-Weighted Imaging. <i>PLoS ONE</i> , 2015, 10, e0142876.	2.5	84
8	Electrochemotherapy in locally advanced pancreatic cancer: Preliminary results. <i>International Journal of Surgery</i> , 2015, 18, 230-236.	2.7	79
9	Pattern Recognition Approaches for Breast Cancer DCE-MRI Classification: A Systematic Review. <i>Journal of Medical and Biological Engineering</i> , 2016, 36, 449-459.	1.8	74
10	Intravoxel incoherent motion (IVIM) in diffusion-weighted imaging (DWI) for Hepatocellular carcinoma: correlation with histologic grade. <i>Oncotarget</i> , 2016, 7, 79357-79364.	1.8	68
11	Surveillance of HCC Patients after Liver RFA: Role of MRI with Hepatospecific Contrast versus Three-Phase CT Scanâ€™ Experience of High Volume Oncologic Institute. <i>Gastroenterology Research and Practice</i> , 2013, 2013, 1-9.	1.5	64
12	Immediate Adverse Reactions to Gadolinium-Based MR Contrast Media: A Retrospective Analysis on 10,608 Examinations. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	64
13	Phase II clinical study of valproic acid plus cisplatin and cetuximab in recurrent and/or metastatic squamous cell carcinoma of Head and Neck-V-CHANCE trial. <i>BMC Cancer</i> , 2016, 16, 918.	2.6	60
14	Artificial Intelligence and COVID-19 Using Chest CT Scan and Chest X-ray Images: Machine Learning and Deep Learning Approaches for Diagnosis and Treatment. <i>Journal of Personalized Medicine</i> , 2021, 11, 993.	2.5	58
15	Multicenter, Double-Blind, Randomized, Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Breast MR Imaging (DETECT Trial). <i>Radiology</i> , 2011, 258, 396-408.	7.3	55
16	Diagnostic performance of gadoxetic acidâ€™ enhanced liver MRI versus multidetector CT in the assessment of colorectal liver metastases compared to hepatic resection. <i>BMC Gastroenterology</i> , 2019, 19, 129.	2.0	54
17	Electrochemotherapy as a new approach on pancreatic cancer and on liver metastases. <i>International Journal of Surgery</i> , 2015, 21, S78-S82.	2.7	53
18	Early radiological assessment of locally advanced pancreatic cancer treated with electrochemotherapy. <i>World Journal of Gastroenterology</i> , 2017, 23, 4767.	3.3	53

#	ARTICLE	IF	CITATIONS
19	Radiomics-Derived Data by Contrast Enhanced Magnetic Resonance in RAS Mutations Detection in Colorectal Liver Metastases. <i>Cancers</i> , 2021, 13, 453.	3.7	50
20	Multi-planar 3D breast segmentation in MRI via deep convolutional neural networks. <i>Artificial Intelligence in Medicine</i> , 2020, 103, 101781.	6.5	49
21	Radiomics textural features by MR imaging to assess clinical outcomes following liver resection in colorectal liver metastases. <i>Radiologia Medica</i> , 2022, 127, 461-470.	7.7	49
22	Intrahepatic cholangiocarcinoma and its differential diagnosis at MRI: how radiologist should assess MR features. <i>Radiologia Medica</i> , 2021, 126, 1584-1600.	7.7	48
23	Percutaneous Ablation Therapy of Hepatocellular Carcinoma With Irreversible Electroporation: MRI Findings. <i>American Journal of Roentgenology</i> , 2015, 204, 1000-1007.	2.2	46
24	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. <i>Radiologia Medica</i> , 2016, 121, 122-131.	7.7	46
25	A systematic review on multiparametric MR imaging in prostate cancer detection. <i>Infectious Agents and Cancer</i> , 2017, 12, 57.	2.6	46
26	The current role and future perspectives of functional parameters by diffusion weighted imaging in the assessment of histologic grade of HCC. <i>Infectious Agents and Cancer</i> , 2018, 13, 23.	2.6	46
27	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. <i>Oncotarget</i> , 2017, 8, 8143-8153.	1.8	46
28	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. <i>Oncotarget</i> , 2017, 8, 51224-51237.	1.8	46
29	Inhibitory effect of (âˆ²)-epigallocatechin-3-gallate and bleomycin on human pancreatic cancer MiaPaca-2 cell growth. <i>Infectious Agents and Cancer</i> , 2015, 10, 22.	2.6	45
30	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. <i>Abdominal Radiology</i> , 2019, 44, 3683-3700.	2.1	45
31	Quantitative imaging decision support (QIDS <sup>TM</sup> ) tool consistency evaluation and radiomic analysis by means of 594 metrics in lung carcinoma on chest CT scan. <i>Cancer Control</i> , 2021, 28, 107327482098578.	1.8	45
32	Standardized Index of Shape (SIS): a quantitative DCE-MRI parameter to discriminate responders by non-responders after neoadjuvant therapy in LARC. <i>European Radiology</i> , 2015, 25, 1935-1945.	4.5	44
33	Magnetic resonance imaging evaluation in neoadjuvant therapy of locally advanced rectal cancer: a systematic review. <i>Radiology and Oncology</i> , 2017, 51, 252-262.	1.7	44
34	Radiomics in hepatic metastasis by colorectal cancer. <i>Infectious Agents and Cancer</i> , 2021, 16, 39.	2.6	44
35	Preliminary Report on Computed Tomography Radiomics Features as Biomarkers to Immunotherapy Selection in Lung Adenocarcinoma Patients. <i>Cancers</i> , 2021, 13, 3992.	3.7	44
36	Critical role of bevacizumab scheduling in combination with pre-surgical chemo-radiotherapy in MRI-defined high-risk locally advanced rectal cancer: results of the branch trial. <i>Oncotarget</i> , 2015, 6, 30394-30407.	1.8	44

#	ARTICLE	IF	CITATIONS
37	Role of endothelial nitric oxide synthase (eNOS) in chronic stress-promoted tumour growth. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 920-926.	3.6	43
38	The target sign in colorectal liver metastases: an atypical Gd-EOB-DTPA uptake on the hepatobiliary phase of MR imaging. <i>Abdominal Imaging</i> , 2015, 40, 2364-2371.	2.0	43
39	Lymphadenopathy after BNT162b2 Covid-19 Vaccine: Preliminary Ultrasound Findings. <i>Biology</i> , 2021, 10, 214.	2.8	43
40	Integration of DCE-MRI and DW-MRI Quantitative Parameters for Breast Lesion Classification. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	42
41	Diffusion-Weighted MRI and Diffusion Kurtosis Imaging to Detect RAS Mutation in Colorectal Liver Metastasis. <i>Cancers</i> , 2020, 12, 2420.	3.7	42
42	Diagnostic accuracy of magnetic resonance, computed tomography and contrast enhanced ultrasound in radiological multimodality assessment of peribiliary liver metastases. <i>PLoS ONE</i> , 2017, 12, e0179951.	2.5	42
43	Abbreviated breast dynamic contrast-enhanced MR imaging for lesion detection and characterization: the experience of an Italian oncologic center. <i>Breast Cancer Research and Treatment</i> , 2017, 164, 401-410.	2.5	41
44	Major and ancillary magnetic resonance features of LI-RADS to assess HCC: an overview and update. <i>Infectious Agents and Cancer</i> , 2017, 12, 23.	2.6	41
45	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. <i>Radiologia Medica</i> , 2021, 126, 1044-1054.	7.7	41
46	Chest CT Computerized Aided Quantification of PNEUMONIA Lesions in COVID-19 Infection: A Comparison among Three Commercial Software. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6914.	2.6	40
47	Diagnostic Performance and Confidence of Contrast-Enhanced Ultrasound in the Differential Diagnosis of Cystic and Cysticlike Liver Lesions. <i>American Journal of Roentgenology</i> , 2017, 209, W119-W127.	2.2	39
48	Assessment of Ablation Therapy in Pancreatic Cancer: The Radiologist's Challenge. <i>Frontiers in Oncology</i> , 2020, 10, 560952.	2.8	39
49	COVID-19 pneumonia: computer-aided quantification of healthy lung parenchyma, emphysema, ground glass and consolidation on chest computed tomography (CT). <i>Radiologia Medica</i> , 2021, 126, 553-560.	7.7	39
50	Structured reporting of computed tomography in the staging of colon cancer: a Delphi consensus proposal. <i>Radiologia Medica</i> , 2022, 127, 21-29.	7.7	39
51	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
52	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. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628481988505.	3.2	38
53	Radiomics and machine learning analysis based on magnetic resonance imaging in the assessment of liver mucinous colorectal metastases. <i>Radiologia Medica</i> , 2022, 127, 763-772.	7.7	38
54	Phase 1/2 study of valproic acid and short-course radiotherapy plus capecitabine as preoperative treatment in low-moderate risk rectal cancer-V-shoRT-R3 (Valproic acid - short RadioTherapy - rectum) Tj ETQq0 0 0z gBT /Overlock 10 Tf		

#	ARTICLE	IF	CITATIONS
55	The multidisciplinary team for gastroenteropancreatic neuroendocrine tumours: the radiologist's challenge. <i>Radiology and Oncology</i> , 2019, 53, 373-387.	1.7	36
56	Multidetector computer tomography in the pancreatic adenocarcinoma assessment: an update. <i>Infectious Agents and Cancer</i> , 2016, 11, 57.	2.6	34
57	Structured Reporting of Rectal Cancer Staging and Restaging: A Consensus Proposal. <i>Cancers</i> , 2021, 13, 2135.	3.7	32
58	MRI for Assessing Response to Neoadjuvant Therapy in Locally Advanced Rectal Cancer Using DCE-MR and DW-MR Data Sets: A Preliminary Report. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	31
59	Microvascular invasion and grading in hepatocellular carcinoma: correlation with major and ancillary features according to LIRADS. <i>Abdominal Radiology</i> , 2019, 44, 2788-2800.	2.1	31
60	Prediction of Breast Cancer Histological Outcome by Radiomics and Artificial Intelligence Analysis in Contrast-Enhanced Mammography. <i>Cancers</i> , 2022, 14, 2132.	3.7	31
61	Complications of Biliary and Gastrointestinal Stents: MDCT of the Cancer Patient. <i>American Journal of Roentgenology</i> , 2012, 199, W187-W196.	2.2	30
62	Breast DCE-MRI: lesion classification using dynamic and morphological features by means of a multiple classifier system. <i>European Radiology Experimental</i> , 2017, 1, 10.	3.4	29
63	Qualitative assessment of EOB-GD-DTPA and Gd-BT-DO3A MR contrast studies in HCC patients and colorectal liver metastases. <i>Infectious Agents and Cancer</i> , 2019, 14, 40.	2.6	29
64	CT-Based Radiomics Analysis to Predict Histopathological Outcomes Following Liver Resection in Colorectal Liver Metastases. <i>Cancers</i> , 2022, 14, 1648.	3.7	29
65	Prospective screening increases the detection of potentially curable hepatocellular carcinoma: results in 8900 high-risk patients. <i>Hpb</i> , 2013, 15, 985-990.	0.3	28
66	Clinical Phase I/II Study: Local Disease Control and Survival in Locally Advanced Pancreatic Cancer Treated with Electrochemotherapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1305.	2.4	28
67	Abbreviated MRI protocol for colorectal liver metastases: How the radiologist could work in pre surgical setting. <i>PLoS ONE</i> , 2020, 15, e0241431.	2.5	28
68	Coronavirus disease 2019 (COVID-19) in Italy: features on chest computed tomography using a structured report system. <i>Scientific Reports</i> , 2020, 10, 17236.	3.3	27
69	Local ablation of pancreatic tumors: State of the art and future perspectives. <i>World Journal of Gastroenterology</i> , 2021, 27, 3413-3428.	3.3	27
70	Contrast MR-Based Radiomics and Machine Learning Analysis to Assess Clinical Outcomes following Liver Resection in Colorectal Liver Metastases: A Preliminary Study. <i>Cancers</i> , 2022, 14, 1110.	3.7	27
71	Use of Tracer Kinetic Models for Selection of Semi-Quantitative Features for DCE-MRI Data Classification. <i>Applied Magnetic Resonance</i> , 2013, 44, 1311-1324.	1.2	26
72	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. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591880987.	3.2	26

#	ARTICLE	IF	CITATIONS
73	A radiologist's point of view in the presurgical and intraoperative setting of colorectal liver metastases. <i>Future Oncology</i> , 2018, 14, 2189-2206.	2.4	26
74	Oxaliplatin Plus Dual Inhibition of Thymidilate Synthase During Preoperative Pelvic Radiotherapy for Locally Advanced Rectal Carcinoma: Long-Term Outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 670-676.	0.8	25
75	Diagnostic evaluation and ablation treatments assessment in hepatocellular carcinoma. <i>Infectious Agents and Cancer</i> , 2021, 16, 53.	2.6	25
76	The Tail and the String Sign: New Sonographic Features of Subcutaneous Melanoma Metastasis. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 370-374.	1.5	24
77	Radiomics in medical imaging: pitfalls and challenges in clinical management. <i>Japanese Journal of Radiology</i> , 2022, 40, 919-929.	2.4	24
78	The Role of miRNAs in the Regulation of Pancreatic Cancer Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-7.	2.5	23
79	EOB-MR Based Radiomics Analysis to Assess Clinical Outcomes following Liver Resection in Colorectal Liver Metastases. <i>Cancers</i> , 2022, 14, 1239.	3.7	23
80	Hepatocellular carcinoma and liver metastases: clinical data on a new dual-lumen catheter kit for surgical sealant infusion to prevent perihepatic bleeding and dissemination of cancer cells following biopsy and loco-regional treatments. <i>Infectious Agents and Cancer</i> , 2015, 10, 11.	2.6	22
81	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. <i>Medical Oncology</i> , 2017, 34, 198.	2.5	22
82	A multiparametric analysis combining DCE-MRI- and IVIM -derived parameters to improve differentiation of parotid tumors: a pilot study. <i>Future Oncology</i> , 2018, 14, 2893-2903.	2.4	22
83	Use of Quantitative Morphological and Functional Features for Assessment of Axillary Lymph Node in Breast Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	22
84	Introduction to Special Issue of Radiology and Imaging of Cancer. <i>Cancers</i> , 2020, 12, 2665.	3.7	22
85	Coronavirus Disease 2019 (COVID-19) in Italy: Double Reading of Chest CT Examination. <i>Biology</i> , 2021, 10, 89.	2.8	22
86	Phase III randomized study of fotemustine and dacarbazine versus dacarbazine with or without interferon- $\gamma$ in advanced malignant melanoma. <i>Journal of Translational Medicine</i> , 2013, 11, 38.	4.4	21
87	Multiparametric MRI for prostate cancer detection: Performance in patients with prostate-specific antigen values between 2.5 and 10 ng/mL. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1206-1212.	3.4	21
88	Multiparametric MRI for prostate cancer detection: Preliminary results on quantitative analysis of dynamic contrast enhanced imaging, diffusion-weighted imaging and spectroscopy imaging. <i>Magnetic Resonance Imaging</i> , 2016, 34, 839-845.	1.8	21
89	A comparison of fitting algorithms for diffusion-weighted MRI data analysis using an intravoxel incoherent motion model. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 113-120.	2.0	21
90	Comprehensive computer-aided diagnosis for breast T1-weighted DCE-MRI through quantitative dynamical features and spatio-temporal local binary patterns. <i>IET Computer Vision</i> , 2018, 12, 1007-1017.	2.0	21

#	ARTICLE	IF	CITATIONS
91	Diffusion kurtosis imaging in patients with locally advanced rectal cancer: current status and future perspectives. <i>Journal of International Medical Research</i> , 2019, 47, 2351-2360.	1.0	21
92	Blood oxygenation level dependent magnetic resonance imaging and diffusion weighted MRI imaging for benign and malignant breast cancer discrimination. <i>Magnetic Resonance Imaging</i> , 2021, 75, 51-59.	1.8	21
93	Radiomics and Artificial Intelligence Analysis with Textural Metrics Extracted by Contrast-Enhanced Mammography in the Breast Lesions Classification. <i>Diagnostics</i> , 2021, 11, 815.	2.6	21
94	Textural radiomic features and time-intensity curve data analysis by dynamic contrast-enhanced MRI for early prediction of breast cancer therapy response: preliminary data. <i>European Radiology Experimental</i> , 2020, 4, 8.	3.4	21
95	Lymph Nodes Evaluation in Rectal Cancer: Where Do We Stand and Future Perspective. <i>Journal of Clinical Medicine</i> , 2022, 11, 2599.	2.4	21
96	Fine Needle Aspiration of Metastatic Epithelioid Angiosarcoma. <i>Acta Cytologica</i> , 2008, 52, 612-619.	1.3	20
97	A Multiple Classifier System for Classification of Breast Lesions Using Dynamic and Morphological Features in DCE-MRI. <i>Lecture Notes in Computer Science</i> , 2012, , 684-692.	1.3	20
98	Procedures for location of non-palpable breast lesions: a systematic review for the radiologist. <i>Breast Cancer</i> , 2014, 21, 522-531.	2.9	20
99	Radiological assessment of anal cancer: an overview and update. <i>Infectious Agents and Cancer</i> , 2016, 11, 52.	2.6	20
100	Digital breast tomosynthesis and contrast-enhanced dual-energy digital mammography alone and in combination compared to 2D digital synthesized mammography and MR imaging in breast cancer detection and classification. <i>Breast Journal</i> , 2020, 26, 860-872.	1.0	20
101	Diagnostic performance of magnetic resonance imaging and 3D endoanal ultrasound in detection, staging and assessment post treatment, in anal cancer. <i>Oncotarget</i> , 2017, 8, 22980-22990.	1.8	20
102	Radiomics and Machine Learning Analysis Based on Magnetic Resonance Imaging in the Assessment of Colorectal Liver Metastases Growth Pattern. <i>Diagnostics</i> , 2022, 12, 1115.	2.6	20
103	Management of cutaneous melanoma: radiologists challenging and risk assessment. <i>Radiologia Medica</i> , 2022, 127, 899-911.	7.7	20
104	An expectation-maximisation approach for simultaneous pixel classification and tracer kinetic modelling in dynamic contrast enhanced-magnetic resonance imaging. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 485-495.	2.8	19
105	Integrating contrast-enhanced sonography in the follow-up algorithm of hepatocellular carcinoma treated with radiofrequency ablation: single cancer center experience. <i>Acta Radiologica</i> , 2015, 56, 133-142.	1.1	19
106	The Use of the Levenberg-Marquardt and Variable Projection Curve-Fitting Algorithm in Intravoxel Incoherent Motion Method for DW-MRI Data Analysis. <i>Applied Magnetic Resonance</i> , 2015, 46, 551-558.	1.2	19
107	Evaluation of Tumor Response after Short-Course Radiotherapy and Delayed Surgery for Rectal Cancer. <i>PLoS ONE</i> , 2016, 11, e0160732.	2.5	19
108	A Systematic Review about Imaging and Histopathological Findings for Detecting and Evaluating Electroporation Based Treatments Response. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5592.	2.6	19

#	ARTICLE	IF	CITATIONS
109	Electrochemotherapy in pancreatic adenocarcinoma treatment: pre-clinical and clinical studies. <i>Radiology and Oncology</i> , 2016, 50, 14-20.	1.7	19
110	A randomized phase 3 study on the optimization of the combination of bevacizumab with FOLFOX/OXXEL in the treatment of patients with metastatic colorectal cancer-OBELICS (Optimization) Tj ETQq0 026gBT /Overlock 10	2.6	18
111	Rectal melanoma presenting as a solitary complex cystic liver lesion: role of contrast-specific low-MI real-time ultrasound imaging. <i>Journal of Ultrasound</i> , 2016, 19, 135-139.	1.3	18
112	<sup>18</sup> F-FDG PET/CT Is an Early Predictor of Pathologic Tumor Response and Survival After Preoperative Radiochemotherapy with Bevacizumab in High-Risk Locally Advanced Rectal Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1560-1568.	5.0	18
113	Abbreviated MRI Protocol for the Assessment of Ablated Area in HCC Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3598.	2.6	18
114	Diffusion kurtosis imaging and conventional diffusion weighted imaging to assess electrochemotherapy response in locally advanced pancreatic cancer. <i>Radiology and Oncology</i> , 2019, 53, 15-24.	1.7	18
115	Segmentation and classification of breast lesions using dynamic and textural features in Dynamic Contrast Enhanced-Magnetic Resonance Imaging. , 2012, , .		17
116	Metabolic syndrome-breast cancer link varies by intrinsic molecular subtype. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 105.	2.7	17
117	Combined Hepatocellular-Cholangiocarcinoma: What the Multidisciplinary Team Should Know. <i>Diagnostics</i> , 2022, 12, 890.	2.6	17
118	Combined magnetic resonance spectroscopy and dynamic contrast-enhanced imaging for prostate cancer detection. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 761-765.	1.6	16
119	Effect of Bevacizumab in Combination With Standard Oxaliplatin-Based Regimens in Patients With Metastatic Colorectal Cancer. <i>JAMA Network Open</i> , 2021, 4, e2118475.	5.9	16
120	Automatic Lesion Detection in Breast DCE-MRI. <i>Lecture Notes in Computer Science</i> , 2013, , 359-368.	1.3	16
121	Mammographic density: Comparison of visual assessment with fully automatic calculation on a multivendor dataset. <i>European Radiology</i> , 2016, 26, 175-183.	4.5	15
122	Breast Cancer Screening during COVID-19 Emergency: Patients and Department Management in a Local Experience. <i>Journal of Personalized Medicine</i> , 2021, 11, 380.	2.5	15
123	Structured Reporting of Lung Cancer Staging: A Consensus Proposal. <i>Diagnostics</i> , 2021, 11, 1569.	2.6	15
124	Surgical impact of preoperative breast MRI in women below 40 years of age. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 527-533.	2.5	14
125	Can Hepatocellular Carcinoma (HCC) Produce Unconventional Metastases? Four Cases of Extrahepatic HCC. <i>Tumori</i> , 2013, 99, e19-e23.	1.1	14
126	Emergency radiology. <i>Radiologia Medica</i> , 2015, 120, 73-84.	7.7	14



#	ARTICLE	IF	CITATIONS
127	Hepatic inflammatory pseudotumor: educational value of an incorrect diagnosis at contrast-enhanced ultrasound. <i>Journal of Medical Ultrasonics</i> (2001), 2015, 42, 547-552.	1.3	14
128	Peribiliary liver metastases MR findings. <i>Medical Oncology</i> , 2017, 34, 124.	2.5	14
129	Multidisciplinary Approach to Rectal Cancer: Are we Ready for Selective Treatment Strategies?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 852-860.	1.7	14
130	Quantitative Analysis of Residual COVID-19 Lung CT Features: Consistency among Two Commercial Software. <i>Journal of Personalized Medicine</i> , 2021, 11, 1103.	2.5	14
131	Post-treatment fistulas in patients with rectal cancer: MRI with rectal superparamagnetic contrast agent. <i>Abdominal Imaging</i> , 2007, 32, 328-331.	2.0	13
132	Breast segmentation using Fuzzy C-Means and anatomical priors in DCE-MRI. , 2016, , .		13
133	Added Value of Breast MRI for Preoperative Diagnosis of Ductal Carcinoma In Situ: Diagnostic Performance on 362 Patients. <i>Clinical Breast Cancer</i> , 2017, 17, e127-e134.	2.4	13
134	Watch and Wait Approach for Rectal Cancer Following Neoadjuvant Treatment: The Experience of a High Volume Cancer Center. <i>Diagnostics</i> , 2021, 11, 1507.	2.6	13
135	An update on radiomics techniques in primary liver cancers. <i>Infectious Agents and Cancer</i> , 2022, 17, 6.	2.6	13
136	Radiomic and Artificial Intelligence Analysis with Textural Metrics Extracted by Contrast-Enhanced Mammography and Dynamic Contrast Magnetic Resonance Imaging to Detect Breast Malignant Lesions. <i>Current Oncology</i> , 2022, 29, 1947-1966.	2.2	13
137	Magnetic Resonance Features of Liver Mucinous Colorectal Metastases: What the Radiologist Should Know. <i>Journal of Clinical Medicine</i> , 2022, 11, 2221.	2.4	13
138	A Novel Model-Based Measure for Quality Evaluation of Image Registration Techniques in DCE-MRI. , 2014, , .		12
139	Uncommon neoplasms of the biliary tract: radiological findings. <i>British Journal of Radiology</i> , 2017, 90, 20160561.	2.2	12
140	A Multicenter Randomized Controlled Prospective Study to Assess Efficacy of Laparoscopic Electrochemotherapy in the Treatment of Locally Advanced Pancreatic Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 4011.	2.4	12
141	Computed Tomography Structured Reporting in the Staging of Lymphoma: A Delphi Consensus Proposal. <i>Journal of Clinical Medicine</i> , 2021, 10, 4007.	2.4	12
142	Bedside Contrast-enhanced Sonography of Critically Ill Patients. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 1685-1693.	1.7	11
143	DCE-MRI time-intensity curve visual inspection to assess pathological response after neoadjuvant therapy in locally advanced rectal cancer. <i>Japanese Journal of Radiology</i> , 2018, 36, 611-621.	2.4	11
144	New Deployable Expandable Electrodes in the Electroporation Treatment in a Pig Model: A Feasibility and Usability Preliminary Study. <i>Cancers</i> , 2020, 12, 515.	3.7	11

#	ARTICLE	IF	CITATIONS
145	Covid-19 infection in cancer patients: the management in a diagnostic unit. <i>Radiology and Oncology</i> , 2021, 55, 121-129.	1.7	11
146	Major and ancillary features according to LI-RADS in the assessment of combined hepatocellular-cholangiocarcinoma. <i>Radiology and Oncology</i> , 2020, 54, 149-158.	1.7	11
147	Structured Reporting of Computed Tomography in the Staging of Neuroendocrine Neoplasms: A Delphi Consensus Proposal. <i>Frontiers in Endocrinology</i> , 2021, 12, 748944.	3.5	11
148	Randomized phase II study of valproic acid in combination with bevacizumab and oxaliplatin/fluoropyrimidine regimens in patients with <i>RAS</i> -mutated metastatic colorectal cancer: the REVOLUTION study protocol. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592092958.	3.2	10
149	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. <i>Cancers</i> , 2021, 13, 2421.	3.7	10
150	Selection of Suspicious ROIs in Breast DCE-MRI. <i>Lecture Notes in Computer Science</i> , 2011, , 48-57.	1.3	10
151	Sequential PET/CT with [18F]-FDG Predicts Pathological Tumor Response to Preoperative Short Course Radiotherapy with Delayed Surgery in Patients with Locally Advanced Rectal Cancer Using Logistic Regression Analysis. <i>PLoS ONE</i> , 2017, 12, e0169462.	2.5	10
152	Structured Reporting of Computed Tomography and Magnetic Resonance in the Staging of Pancreatic Adenocarcinoma: A Delphi Consensus Proposal. <i>Diagnostics</i> , 2021, 11, 2033.	2.6	10
153	Radiological assessment of secondary biliary tree lesions: an update. <i>Journal of International Medical Research</i> , 2020, 48, 030006051985039.	1.0	9
154	Additional Considerations on Use of Abbreviated Liver MRI in Patients With Colorectal Liver Metastases. <i>American Journal of Roentgenology</i> , 2021, 217, W1-W1.	2.2	9
155	Title is missing!. <i>Journal of Medical and Biological Engineering</i> , 2014, 34, 157.	1.8	9
156	Radiomic features of breast parenchyma: assessing differences between FOR PROCESSING and FOR PRESENTATION digital mammography. <i>Insights Into Imaging</i> , 2021, 12, 147.	3.4	9
157	Conventional, functional and radiomics assessment for intrahepatic cholangiocarcinoma. <i>Infectious Agents and Cancer</i> , 2022, 17, 13.	2.6	9
158	Pulmonary Lymphangitis Poses a Major Challenge for Radiologists in an Oncological Setting during the COVID-19 Pandemic. <i>Journal of Personalized Medicine</i> , 2022, 12, 624.	2.5	9
159	Can hepatocellular carcinoma (HCC) produce unconventional metastases? Four cases of extrahepatic HCC. <i>Tumori</i> , 2013, 99, e19-23.	1.1	9
160	Complications after Thermal Ablation of Hepatocellular Carcinoma and Liver Metastases: Imaging Findings. <i>Diagnostics</i> , 2022, 12, 1151.	2.6	9
161	Imaging Severity COVID-19 Assessment in Vaccinated and Unvaccinated Patients: Comparison of the Different Variants in a High Volume Italian Reference Center. <i>Journal of Personalized Medicine</i> , 2022, 12, 955.	2.5	9
162	Primary Phyllodes Tumor of the Axilla: DCE-MRI Findings with 1.5T Breast-Dedicated System and Pathological Correlation. <i>Breast Journal</i> , 2011, 17, 525-527.	1.0	8

#	ARTICLE	IF	CITATIONS
163	Risk Management in Magnetic Resonance: Failure Mode, Effects, and Criticality Analysis. <i>BioMed Research International</i> , 2013, 2013, 1-5.	1.9	8
164	Data-driven selection of motion correction techniques in breast DCE-MRI. , 2015, , .		8
165	Breast contrast-enhanced MR imaging: semiautomatic detection of vascular map. <i>Breast Cancer</i> , 2016, 23, 266-272.	2.9	8
166	Morphological and functional features prognostic factor of magnetic resonance imaging in locally advanced rectal cancer. <i>Acta Radiologica</i> , 2019, 60, 815-825.	1.1	8
167	The safety and efficacy of Glubran 2 as biliostatic agent in liver resection. <i>Infectious Agents and Cancer</i> , 2021, 16, 19.	2.6	8
168	Breast Contrast Enhanced MR Imaging: Semi-Automatic Detection of Vascular Map and Predominant Feeding Vessel. <i>PLoS ONE</i> , 2016, 11, e0161691.	2.5	8
169	Radiomics Metrics Combined with Clinical Data in the Surgical Management of Early-Stage (cT1â€“T2 N0) Tongue Squamous Cell Carcinomas: A Preliminary Study. <i>Biology</i> , 2022, 11, 468.	2.8	8
170	Complications Risk Assessment and Imaging Findings of Thermal Ablation Treatment in Liver Cancers: What the Radiologist Should Expect. <i>Journal of Clinical Medicine</i> , 2022, 11, 2766.	2.4	8
171	Comparison of gadobenate dimeglumine-enhanced breast MRI and gadopentetate dimeglumine-enhanced breast MRI with mammography and ultrasound for the detection of breast cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1272-1286.	3.4	7
172	Contrast-Enhanced Ultrasound in the Assessment of Patients with Indeterminate Abdominal Findings at Positron Emission Tomography Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2717-2723.	1.5	7
173	Radiomic features analysis by digital breast tomosynthesis and contrast-enhanced dual-energy mammography to detect malignant breast lesions. <i>Biomedical Signal Processing and Control</i> , 2019, 53, 101568.	5.7	7
174	Organ Sparing for Locally Advanced Rectal Cancer after Neoadjuvant Treatment Followed by Electrochemotherapy. <i>Cancers</i> , 2021, 13, 3199.	3.7	7
175	LBP-TOP for Volume Lesion Classification in Breast DCE-MRI. <i>Lecture Notes in Computer Science</i> , 2015, , 647-657.	1.3	7
176	Comment on â€œState of the art in magnetic resonance imaging of hepatocellular carcinomaâ€: the role of DWI. <i>Radiology and Oncology</i> , 2019, 53, 369-370.	1.7	7
177	Not only lymphadenopathy: case of chest lymphangitis assessed with MRI after COVID 19 vaccine. <i>Infectious Agents and Cancer</i> , 2022, 17, 8.	2.6	7
178	Plasmacytoids dendritic cells are a therapeutic target in anticancer immunity. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 407-414.	7.4	6
179	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. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1880.	2.5	6
180	Can semi-quantitative evaluation of uncertain (type II) time-intensity curves improve diagnosis in breast DCE-MRI?. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 418-425.	0.4	6

#	ARTICLE	IF	CITATIONS
181	Hepatocellular carcinoma: preclinical data on a dual-lumen catheter kit for fibrin sealant infusion following loco-regional treatments. <i>Infectious Agents and Cancer</i> , 2014, 9, 39.	2.6	5
182	Optical imaging of the breast: evaluation of deoxyhemoglobin concentration alteration in 166 patients with suspicious breast lesions. <i>European Radiology Experimental</i> , 2018, 2, 8.	3.4	5
183	Comments on "Electrochemotherapy with Irreversible Electroporation and FOLFIRINOX Improves Survival in Murine Models of Pancreatic Adenocarcinoma". <i>Annals of Surgical Oncology</i> , 2020, 27, 954-955.	1.5	5
184	Effect of Octreotide Long-Acting Release on Tregs and MDSC Cells in Neuroendocrine Tumour Patients: A Pivotal Prospective Study. <i>Cancers</i> , 2020, 12, 2422.	3.7	5
185	Evolution of CT Findings and Lung Residue in Patients with COVID-19 Pneumonia: Quantitative Analysis of the Disease with a Computer Automatic Tool. <i>Journal of Personalized Medicine</i> , 2021, 11, 641.	2.5	5
186	Electrochemotherapy of Primary Colon Rectum Cancer and Local Recurrence: Case Report and Prospective Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2745.	2.4	5
187	A Narrative Review on LI-RADS Algorithm in Liver Tumors: Prospects and Pitfalls. <i>Diagnostics</i> , 2022, 12, 1655.	2.6	5
188	A geometrical perspective on the 3TP method in DCE-MRI. <i>Biomedical Signal Processing and Control</i> , 2015, 16, 32-39.	5.7	3
189	D-optimal design of b-values for precise intra-voxel incoherent motion imaging. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 035025.	1.2	3
190	MRI versus Mammography plus Ultrasound in Women at Intermediate Breast Cancer Risk: Study Design and Protocol of the MRIB Multicenter, Randomized, Controlled Trial. <i>Diagnostics</i> , 2021, 11, 1635.	2.6	3
191	Screening women at intermediate risk: harm or charm?. <i>European Journal of Radiology</i> , 2012, 81, S116-S117.	2.6	2
192	Fine-needle cytology of Kaposi's sarcoma in an intramammary lymphnode: Report of one case. <i>Diagnostic Cytopathology</i> , 2012, 40, E149-52.	1.0	2
193	Vemurafenib beyond progression in a patient with metastatic melanoma. <i>Anti-Cancer Drugs</i> , 2015, 26, 464-468.	1.4	2
194	Imaging Features of Main Posthepatectomy Complications: A Radiologist's Challenge. <i>Diagnostics</i> , 2022, 12, 1323.	2.6	2
195	Imaging Assessment of Interval Metastasis from Melanoma. <i>Journal of Personalized Medicine</i> , 2022, 12, 1033.	2.5	2
196	Multimodality Imaging Assessment of Desmoid Tumors: The Great Mime in the Era of Multidisciplinary Teams. <i>Journal of Personalized Medicine</i> , 2022, 12, 1153.	2.5	2
197	Endobronchial administration of iodine-131 B72.3 monoclonal antibody in patients with lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1991, 18, 129-132.	2.1	1
198	Intravoxel Incoherent Motion Model of Diffusion Weighted Imaging and Diffusion Kurtosis Imaging in Differentiating of Local Colorectal Cancer Recurrence from Scar/Fibrosis Tissue by Multivariate Logistic Regression Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8609.	2.5	1

#	ARTICLE	IF	CITATIONS
199	Recurrence of tumoral calcinosis: a case report. Acta Biomedica, 2019, 90, 587-594.	0.3	1
200	Endobronchial Deposition of Radioactive Monoclonal Antibody in Patients with Inoperable Non-Small-Cell Carcinoma of the Lung. Chest, 1992, 102, 1632-1633.	0.8	0
201	Lungs on Fire. Journal of Thoracic Oncology, 2015, 10, 1376.	1.1	0
202	Accuracy of Contrast Agent Quantification in MRI: A Comparison Between Two k-space Sampling Schemes. Applied Magnetic Resonance, 2015, 46, 1283-1292.	1.2	0
203	Gastrointestinal Tumors. , 2013, , 817-851.		0
204	Post-amputation neuroma of radial nerve in a patient with ephitelioid sarcoma: case report and literature review. Acta Biomedica, 2020, 91, 122-127.	0.3	0
205	New Electrodes and Treatment Planning for Deep-Seated and Intraluminal Localized Tumors. , 2021, , 321-338.		0