Vicky Goh

List of Publications by Year
in descending order

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216 papers	14,062 citations	25034 57 h-index	22832 112 g-index
223 all docs	223 docs citations	223 times ranked	16043 citing authors

#	Article	IF	Citations
1	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. Radiology, 2020, 295, 328-338.	7.3	1,869
2	Imaging biomarker roadmap for cancer studies. Nature Reviews Clinical Oncology, 2017, 14, 169-186.	27.6	792
3	Assessment of tumor heterogeneity: an emerging imaging tool for clinical practice?. Insights Into Imaging, 2012, 3, 573-589.	3.4	738
4	Quantifying tumour heterogeneity in 18F-FDG PET/CT imaging by texture analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 133-140.	6.4	395
5	Assessment of Primary Colorectal Cancer Heterogeneity by Using Whole-Tumor Texture Analysis: Contrast-enhanced CT Texture as a Biomarker of 5-year Survival. Radiology, 2013, 266, 177-184.	7.3	384
6	Nonâ€“Small Cell Lung Cancer: Histopathologic Correlates for Texture Parameters at CT. Radiology, 2013, 266, 326-336.	7.3	384
7	Are Pretreatment ¹⁸F-FDG PET Tumor Textural Features in Nonâ€“Small Cell Lung Cancer Associated with Response and Survival After Chemoradiotherapy?. Journal of Nuclear Medicine, 2013, 54, 19-26.	5.0	361
8	Assessment of Response to Tyrosine Kinase Inhibitors in Metastatic Renal Cell Cancer: CT Texture as a Predictive Biomarker. Radiology, 2011, 261, 165-171.	7.3	328
9	Assessment of tumor heterogeneity by CT texture analysis: Can the largest cross-sectional area be used as an alternative to whole tumor analysis?. European Journal of Radiology, 2013, 82, 342-348.	2.6	323
10	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. Breast Cancer Research, 2013, 15, R92.	5.0	320
11	Assessing Radiology Research on Artificial Intelligence: A Brief Guide for Authors, Reviewers, and Readersâ€”From the Radiology Editorial Board. Radiology, 2020, 294, 487-489.	7.3	229
12	Leukocyte DNA Damage after Multiâ€“Detector Row CT: A Quantitative Biomarker of Low-Level Radiation Exposure. Radiology, 2007, 242, 244-251.	7.3	208
13	Primary Esophageal Cancer: Heterogeneity as Potential Prognostic Biomarker in Patients Treated with Definitive Chemotherapy and Radiation Therapy. Radiology, 2014, 270, 141-148.	7.3	184
14	Assessment of sarcopenia and changes in body composition after neoadjuvant chemotherapy and associations with clinical outcomes in oesophageal cancer. European Radiology, 2014, 24, 998-1005.	4.5	181
15	Current status and guidelines for the assessment of tumour vascular support with dynamic contrast-enhanced computed tomography. European Radiology, 2012, 22, 1430-1441.	4.5	180
16	Anal cancer: ESMOâ€“ESSOâ€“ESTRO clinical practice guidelines for diagnosis, treatment and follow-up. Radiotherapy and Oncology, 2014, 111, 330-339.	0.6	179
17	Automated Triaging of Adult Chest Radiographs with Deep Artificial Neural Networks. Radiology, 2019, 291, 196-202.	7.3	176
18	Optimizing Colonic Distention for Multiâ€“Detector Row CT Colonography: Effect of Hyoscine Butylbromide and Rectal Balloon Catheter. Radiology, 2003, 229, 99-108.	7.3	164

#	Article	IF	Citations
19	Imaging body composition in cancer patients: visceral obesity, sarcopenia and sarcopenic obesity may impact on clinical outcome. Insights Into Imaging, 2015, 6, 489-497.	3.4	149
20	Nonâ€“Small Cell Lung Cancer Treated with Erlotinib: Heterogeneity of¹⁸F-FDG Uptake at PETâ€”Association with Treatment Response and Prognosis. Radiology, 2015, 276, 883-893.	7.3	147
21	CT Perfusion in Oncologic Imaging: A Useful Tool?. American Journal of Roentgenology, 2013, 200, 8-19.	2.2	146
22	Dynamic MR Imaging of the Pelvic Floor in Asymptomatic Subjects. American Journal of Roentgenology, 2000, 174, 661-666.	2.2	141
23	Predicting Response to Neoadjuvant Chemotherapy with PET Imaging Using Convolutional Neural Networks. PLoS ONE, 2015, 10, e0137036.	2.5	139
24	Lung Cancer Perfusion at Multiâ€“Detector Row CT: Reproducibility of Whole Tumor Quantitative Measurements. Radiology, 2006, 239, 547-553.	7.3	132
25	Colorectal Tumor Vascularity: Quantitative Assessment with Multidetector CTâ€”Do Tumor Perfusion Measurements Reflect Angiogenesis?. Radiology, 2008, 249, 510-517.	7.3	128
26	Imaging Heterogeneity in Lung Cancer: Techniques, Applications, and Challenges. American Journal of Roentgenology, 2016, 207, 534-543.	2.2	121
27	Challenges and Promises of PET Radiomics. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1083-1089.	0.8	121
28	Differentiation between Diverticulitis and Colorectal Cancer: Quantitative CT Perfusion Measurements versus Morphologic Criteriaâ€”Initial Experience. Radiology, 2007, 242, 456-462.	7.3	120
29	Quantitative Tumor Perfusion Assessment with Multidetector CT: Are Measurements from Two Commercial Software Packages Interchangeable?. Radiology, 2007, 242, 777-782.	7.3	120
30	Changes in Primary Breast Cancer Heterogeneity May Augment Midtreatment MR Imaging Assessment of Response to Neoadjuvant Chemotherapy. Radiology, 2014, 272, 100-112.	7.3	113
31	CT response assessment combining reduction in both size and arterial phase density correlates with time to progression in metastatic renal cancer patients treated with targeted therapies. Cancer Biology and Therapy, 2010, 9, 15-19.	3.4	108
32	Effect of nitric-oxide synthesis on tumour blood volume and vascular activity: a phase I study. Lancet Oncology, The, 2007, 8, 111-118.	10.7	105
33	Radiomics in PET: principles and applications. Clinical and Translational Imaging, 2014, 2, 269-276.	2.1	103
34	Guidelines for the use of imaging in the management of patients with myeloma. British Journal of Haematology, 2017, 178, 380-393.	2.5	101
35	Functional imaging of colorectal cancer angiogenesis. Lancet Oncology, The, 2007, 8, 245-255.	10.7	92
36	Imaging Bone Metastases in Breast Cancer: Staging and Response Assessment. Journal of Nuclear Medicine, 2016, 57, 27S-33S.	5.0	84

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37	IntAct: intraâ€operative fluorescence angiography to prevent anastomotic leak in rectal cancer surgery: a randomized controlled trial. Colorectal Disease, 2018, 20, O226-O234.	1.4	83
38	Can perfusion CT assessment of primary colorectal adenocarcinoma blood flow at staging predict for subsequent metastatic disease? A pilot study. European Radiology, 2009, 19, 79-89.	4.5	82
39	Quantitative Assessment of Colorectal Cancer Tumor Vascular Parameters by Using Perfusion CT: Influence of Tumor Region of Interest. Radiology, 2008, 247, 726-732.	7.3	81
40	Acute tumor vascular effects following fractionated radiotherapy in human lung cancer: In vivo whole tumor assessment using volumetric perfusion computed tomography. International Journal of Radiation Oncology Biology Physics, 2007, 67, 417-424.	0.8	78
41	Assessment of changes in tumor heterogeneity following neoadjuvant chemotherapy in primary esophageal cancer. Ecological Management and Restoration, 2015, 28, 172-179.	0.4	77
42	Association of Coloproctology of Great Britain & Ireland (<scp>ACPGBI</scp>): Guidelines for the Management of Cancer of the Colon, Rectum and Anus (2017) â€“ Multidisciplinary Management. Colorectal Disease, 2017, 19, 37-66.	1.4	77
43	Learning to detect chest radiographs containing pulmonary lesions using visual attention networks. Medical Image Analysis, 2019, 53, 26-38.	11.6	77
44	Multifunctional Imaging Signature for V-KI-RAS2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS) Mutations in Colorectal Cancer. Journal of Nuclear Medicine, 2014, 55, 386-391.	5.0	74
45	Tumor Antivascular Effects of Radiotherapy Combined with Combretastatin A4 Phosphate in Human Nonâ€“Small-Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2007, 67, 1375-1380.	0.8	73
46	Quantitative Assessment of Lung Cancer Perfusion Using MDCT: Does Measurement Reproducibility Improve with Greater Tumor Volume Coverage?. American Journal of Roentgenology, 2006, 187, 1079-1084.	2.2	72
47	Novel Oncologic Drugs: What They Do and How They Affect Images. Radiographics, 2011, 31, 2059-2091.	3.3	71
48	Imaging tumor angiogenesis: functional assessment using MDCT or MRI?. Abdominal Imaging, 2006, 31, 194-199.	2.0	70
49	Quantitative Assessment of Tissue Perfusion Using MDCT: Comparison of Colorectal Cancer and Skeletal Muscle Measurement Reproducibility. American Journal of Roentgenology, 2006, 187, 164-169.	2.2	70
50	UK quantitative WB-DWI technical workgroup: consensus meeting recommendations on optimisation, quality control, processing and analysis of quantitative whole-body diffusion-weighted imaging for cancer. British Journal of Radiology, 2018, 91, 20170577.	2.2	70
51	Investigating Vulnerable Atheroma Using Combined ¹⁸F-FDG PET/CT Angiography of Carotid Plaque with Immunohistochemical Validation. Journal of Nuclear Medicine, 2011, 52, 1698-1703.	5.0	69
52	Quantitative Assessment of Colorectal Cancer Perfusion Using MDCT: Inter- and Intraobserver Agreement. American Journal of Roentgenology, 2005, 185, 225-231.	2.2	68
53	Phase Ib trial of radiotherapy in combination with combretastatin-A4-phosphate in patients with non-small-cell lung cancer, prostate adenocarcinoma, and squamous cell carcinoma of the head and neck. Annals of Oncology, 2012, 23, 231-237.	1.2	68
54	Identification of Prognostic Phenotypes of Esophageal Adenocarcinoma in 2 Independent Cohorts. Gastroenterology, 2018, 155, 1720-1728.e4.	1.3	67

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55	The precision of textural analysis in 18F-FDG-PET scans of oesophageal cancer. European Radiology, 2015, 25, 2805-2812.	4.5	66
56	Primary Rectal Cancer: Repeatability of Global and Local-Regional MR Imaging Texture Features. Radiology, 2017, 284, 552-561.	7.3	66
57	Quantitative Colorectal Cancer Perfusion Measurement Using Dynamic Contrast-Enhanced Multidetector-Row Computed Tomography. Journal of Computer Assisted Tomography, 2005, 29, 59-63.	0.9	65
58	Magnetic Resonance Imaging Assessment of Squamous Cell Carcinoma of the Anal Canal Before and After Chemoradiation: Can MRI Predict for Eventual Clinical Outcome?. International Journal of Radiation Oncology Biology Physics, 2010, 78, 715-721.	0.8	62
59	Assessment of the spatial pattern of colorectal tumour perfusion estimated at perfusion CT using two-dimensional fractal analysis. European Radiology, 2009, 19, 1358-1365.	4.5	59
60	The association of 18F-FDG PET/CT parameters with survival in malignant pleural mesothelioma. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 276-282.	6.4	59
61	Imaging for the diagnosis and response assessment of renal tumours. World Journal of Urology, 2018, 36, 1927-1942.	2.2	59
62	Radiomics in esophageal and gastric cancer. Abdominal Radiology, 2019, 44, 2048-2058.	2.1	59
63	Identification of Subtypes of Barrettâ€™s Esophagus and Esophageal Adenocarcinoma Based on DNA Methylation Profiles and Integration of Transcriptome and Genome Data. Gastroenterology, 2020, 158, 1682-1697.e1.	1.3	58
64	The Role of Functional Imaging in Colorectal Cancer. American Journal of Roentgenology, 2010, 195, 54-66.	2.2	56
65	Bench to bedside molecular functional imaging in translational cancer medicine: to image or to imagine?. Clinical Radiology, 2015, 70, 1060-1082.	1.1	54
66	Polyp Detection with CT Colonography: Primary 3D Endoluminal Analysis versus Primary 2D Transverse Analysis with Computer-assisted Reader Software. Radiology, 2006, 239, 759-767.	7.3	53
67	Diagnostic accuracy of whole-body MRI versus standard imaging pathways for metastatic disease in newly diagnosed colorectal cancer: the prospective Streamline C trial. The Lancet Gastroenterology and Hepatology, 2019, 4, 529-537.	8.1	51
68	Molecular imaging of hypoxia in non-small-cell lung cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 956-976.	6.4	50
69	The effects of segmentation algorithms on the measurement of 18F-FDG PET texture parameters in non-small cell lung cancer. EJNMMI Research, 2017, 7, 60.	2.5	50
70	Diagnostic accuracy of whole-body MRI versus standard imaging pathways for metastatic disease in newly diagnosed non-small-cell lung cancer: the prospective Streamline L trial. Lancet Respiratory Medicine,the, 2019, 7, 523-532.	10.7	50
71	Operable Nonâ€“Small Cell Lung Cancer: Correlation of Volumetric Helical Dynamic Contrast-enhanced CT Parameters with Immunohistochemical Markers of Tumor Hypoxia. Radiology, 2012, 264, 581-589.	7.3	47
72	The role of new PET tracers for lung cancer. Lung Cancer, 2016, 94, 7-14.	2.0	47

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73	Perfusion CT imaging of treatment response in oncology. European Journal of Radiology, 2015, 84, 2380-2385.	2.6	46
74	Biomarkers in anal cancer: from biological understanding to stratified treatment. British Journal of Cancer, 2017, 116, 156-162.	6.4	46
75	Association of Coloproctology of Great Britain & Ireland (<scp>ACPGBI</scp>): Guidelines for the Management of Cancer of the Colon, Rectum and Anus (2017) â€“ Anal Cancer. Colorectal Disease, 2017, 19, 82-97.	1.4	45
76	Radiation dose from volumetric helical perfusion CT of the thorax, abdomen or pelvis. European Radiology, 2011, 21, 974-981.	4.5	44
77	Comparison of whole body magnetic resonance imaging (WBMRI) to whole body computed tomography (WBCT) or 18 F-fluorodeoxyglucose positron emission tomography/CT (18 F-FDG PET/CT) in patients with myeloma: Systematic review of diagnostic performance. Critical Reviews in Oncology/Hematology, 2018, 124, 66-72.	4.4	43
78	The Therapeutic Impact of Abdominal Ultrasound in Patients with Acute Abdominal Symptoms. Clinical Radiology, 2002, 57, 268-271.	1.1	42
79	Changes in tumour vessel density upon treatment with anti-angiogenic agents: relationship with response and resistance to therapy. British Journal of Cancer, 2013, 109, 1230-1242.	6.4	42
80	Local radiological staging of rectal cancer. Clinical Radiology, 2004, 59, 215-226.	1.1	40
81	Computed Tomography Perfusion Imaging for Therapeutic Assessment. Investigative Radiology, 2012, 47, 2-4.	6.2	39
82	Imaging biomarkers in oncology: Basics and application to MRI. Journal of Magnetic Resonance Imaging, 2018, 48, 13-26.	3.4	39
83	PET/MRI in Oncological Imaging: State of the Art. Diagnostics, 2015, 5, 333-357.	2.6	37
84	Molecular Imaging of Bone Metastases and Their Response to Therapy. Journal of Nuclear Medicine, 2020, 61, 799-806.	5.0	37
85	Reproducibility of 2D and 3D Fractal Analysis Techniques for the Assessment of Spatial Heterogeneity of Regional Blood Flow in Rectal Cancer. Radiology, 2012, 263, 865-873.	7.3	36
86	Effect of Temporal Interval Between Scan Acquisitions on Quantitative Vascular Parameters in Colorectal Cancer: Implications for Helical Volumetric Perfusion CT Techniques. American Journal of Roentgenology, 2008, 191, W288-W292.	2.2	35
87	Hidradenitis Suppurativa. Diseases of the Colon and Rectum, 2014, 57, 762-771.	1.3	35
88	Heterogeneity in tumours: Validating the use of radiomic features on 18F-FDG PET/CT scans of lung cancer patients as a prognostic tool. Radiotherapy and Oncology, 2020, 144, 72-78.	0.6	35
89	Machine learning to predict early recurrence after oesophageal cancer surgery. British Journal of Surgery, 2020, 107, 1042-1052.	0.3	35
90	Whole-body MRI compared with standard pathways for staging metastatic disease in lung and colorectal cancer: the Streamline diagnostic accuracy studies. Health Technology Assessment, 2019, 23, 1-270.	2.8	34

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91	Commercial software upgrades may significantly alter Perfusion CT parameter values in colorectal cancer. European Radiology, 2011, 21, 744-749.	4.5	33
92	Non-invasive classification of non-small cell lung cancer: a comparison between random forest models utilising radiomic and semantic features. British Journal of Radiology, 2019, 92, 20190159.	2.2	32
93	Prediction of therapy response in bone-predominant metastatic breast cancer: comparison of [18F] fluorodeoxyglucose and [18F]-fluoride PET/CT with whole-body MRI with diffusion-weighted imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 821-830.	6.4	31
94	Molecular and Functional Imaging of Bone Metastases in Breast and Prostate Cancers. Clinical Nuclear Medicine, 2016, 41, e44-e50.	1.3	30
95	Correlation of Intra-Tumor 18F-FDG Uptake Heterogeneity Indices with Perfusion CT Derived Parameters in Colorectal Cancer. PLoS ONE, 2014, 9, e99567.	2.5	30
96	Optimizing Bowel Preparation for Multidetector Row CT Colonography: Effect of Citramag and Picolax. Clinical Radiology, 2003, 58, 723-732.	1.1	29
97	Imaging assessment of desmoid tumours in familial adenomatous polyposis: is state-of-the-art 1.5 T MRI better than 64-MDCT?. British Journal of Radiology, 2012, 85, e254-e261.	2.2	29
98	The Flowâ€“Metabolic Phenotype of Primary Colorectal Cancer: Assessment by Integrated ¹⁸F-FDG PET/Perfusion CT with Histopathologic Correlation. Journal of Nuclear Medicine, 2012, 53, 687-692.	5.0	29
99	Novel imaging techniques in staging oesophageal cancer. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2018, 36-37, 17-25.	2.4	29
100	The Impact of the COVID-19 Pandemic on the Radiology Research Enterprise: Radiology Scientific Expert Panel. Radiology, 2020, 296, E134-E140.	7.3	29
101	Quantitative colorectal cancer perfusion measurement by multidetector-row CT: does greater tumour coverage improve measurement reproducibility?. British Journal of Radiology, 2006, 79, 578-583.	2.2	28
102	Rectal tumour volume (GTV) delineation using T2-weighted and diffusion-weighted MRI: Implications for radiotherapy planning. European Journal of Radiology, 2014, 83, 768-772.	2.6	28
103	Adaptive statistical iterative reconstruction (ASIR) affects CT radiomics quantification in primary colorectal cancer. European Radiology, 2019, 29, 5227-5235.	4.5	27
104	Primary Colorectal Cancer: Use of Kinetic Modeling of Dynamic Contrast-enhanced CT Data to Predict Clinical Outcome. Radiology, 2013, 267, 145-154.	7.3	25
105	Perfusion CT imaging of colorectal cancer. British Journal of Radiology, 2014, 87, 20130811.	2.2	25
106	Exercise prehabilitation during neoadjuvant chemotherapy may enhance tumour regression in oesophageal cancer: results from a prospective non-randomised trial. British Journal of Sports Medicine, 2022, 56, 402-409.	6.7	25
107	Imaging breast cancer response during neoadjuvant systemic therapy. Expert Review of Anticancer Therapy, 2005, 5, 893-905.	2.4	23
108	Angiogenesis in Non-small Cell Lung Cancer. Journal of Thoracic Imaging, 2010, 25, 142-150.	1.5	23

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109	The Role of Hepatocyte-Specific Contrast Agents in Hepatobiliary Magnetic Resonance Imaging. Seminars in Ultrasound, CT and MRI, 2013, 34, 44-53.	1.5	23
110	MRI of anal cancer: assessing response to definitive chemoradiotherapy. Abdominal Imaging, 2014, 39, 2-17.	2.0	23
111	Is Response Assessment of Breast Cancer Bone Metastases Better with Measurement of ¹⁸F-Fluoride Metabolic Flux Than with Measurement of ¹⁸F-Fluoride PET/CT SUV?. Journal of Nuclear Medicine, 2019, 60, 322-327.	5.0	23
112	Streamlining staging of lung and colorectal cancer with whole body MRI; study protocols for two multicentre, non-randomised, single-arm, prospective diagnostic accuracy studies (Streamline C and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	20
113	Characterisation of malignant peripheral nerve sheath tumours in neurofibromatosis-1 using heterogeneity analysis of 18F-FDG PET. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1845-1852.	6.4	21
114	The impact of MRI sequence on tumour staging and gross tumour volume delineation in squamous cell carcinoma of the anal canal. European Radiology, 2018, 28, 1512-1519.	4.5	21
115	BACCHUS: A randomised non-comparative phase II study of neoadjuvant chemotherapy (NACT) in patients with locally advanced rectal cancer (LARC). Heliyon, 2018, 4, e00804.	3.2	21
116	CT coronary angiography: Quantitative assessment of myocardial perfusion using test bolus dataâ€“initial experience. European Radiology, 2008, 18, 2155-2163.	4.5	20
117	Patient preferences for whole-body MRI or conventional staging pathways in lung and colorectal cancer: a discrete choice experiment. European Radiology, 2019, 29, 3889-3900.	4.5	20
118	Texture analysis of 125I-A5B7 anti-CEA antibody SPECT differentiates metastatic colorectal cancer model phenotypes and anti-vascular therapy response. British Journal of Cancer, 2015, 112, 1882-1887.	6.4	19
119	Loco-regional staging of malignant pleural mesothelioma by integrated 18F-FDG PET/MRI. European Journal of Radiology, 2019, 115, 46-52.	2.6	19
120	Radiomic analysis for response assessment in advanced head and neck cancers, a distant dream or an inevitable reality? A systematic review of the current level of evidence. British Journal of Radiology, 2020, 93, 20190496.	2.2	19
121	Functional Imaging of Colorectal Cancer: Positron Emission Tomography, Magnetic Resonance Imaging, and Computed Tomography. Clinical Colorectal Cancer, 2009, 8, 77-87.	2.3	18
122	Perfusion CT assessment of the colon and rectum: Feasibility of quantification of bowel wall perfusion and vascularization. European Journal of Radiology, 2012, 81, 821-824.	2.6	18
123	Reproducibility of Dynamic Contrast-enhanced MR Imaging: Why We Should Care. Radiology, 2013, 266, 698-700.	7.3	18
124	Functional and Hybrid Imaging of Bone Metastases. Journal of Bone and Mineral Research, 2018, 33, 961-972.	2.8	18
125	Transcriptomic profiling reveals three molecular phenotypes of adenocarcinoma at the gastroesophageal junction. International Journal of Cancer, 2019, 145, 3389-3401.	5.1	17
126	Exploratory radiomic features from integrated 18F-fluorodeoxyglucose positron emission tomography/magnetic resonance imaging are associated with contemporaneous metastases in oesophageal/gastroesophageal cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1478-1484.	6.4	17

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127	Quantitative helical dynamic contrast enhanced computed tomography assessment of the spatial variation in whole tumour blood volume with radiotherapy in lung cancer. Lung Cancer, 2010, 69, 71-76.	2.0	16
128	The effect of post-injection 18F-FDG PET scanning time on texture analysis of peripheral nerve sheath tumours in neurofibromatosis-1. EJNMMI Research, 2017, 7, 35.	2.5	16
129	Weight-adapted iodinated contrast media administration in abdomino-pelvic CT: Can image quality be maintained?. Radiography, 2018, 24, 22-27.	2.1	16
130	Accelerated 3D T₂ mapping with dictionaryâ€based matching for prostate imaging. Magnetic Resonance in Medicine, 2019, 81, 1795-1805.	3.0	16
131	Integrated18F-FDG PET/CT and Perfusion CT of Primary Colorectal Cancer: Effect of Inter- and Intraobserver Agreement on Metabolic-Vascular Parameters. American Journal of Roentgenology, 2012, 199, 1003-1009.	2.2	15
132	Water-fat separation in diffusion-weighted EPI using an IDEAL approach with image navigator. Magnetic Resonance in Medicine, 2015, 73, 964-972.	3.0	15
133	What can artificial intelligence teach us about the molecular mechanisms underlying disease?. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2715-2721.	6.4	15
134	MRI heterogeneity analysis for prediction of recurrence and disease free survival in anal cancer. Radiotherapy and Oncology, 2019, 134, 119-126.	0.6	15
135	Diffusion tensor imaging of the anal canal at 3 tesla: Feasibility and reproducibility of anisotropy measures. Journal of Magnetic Resonance Imaging, 2012, 35, 820-826.	3.4	14
136	Assessment of the metabolic flow phenotype of primary colorectal cancer: correlations with microvessel density are influenced by the histological scoring method. European Radiology, 2012, 22, 1687-1692.	4.5	14
137	Evaluation of treatment response and resistance in metastatic renal cell cancer (mRCC) using integrated 18Fâ€“Fluorodeoxyglucose (18Fâ€“FDG) positron emission tomography/magnetic resonance imaging (PET/MRI); The REMAP study. BMC Cancer, 2017, 17, 392.	2.6	14
138	Characterization of Small Renal Tumors With Magnetic Resonance Elastography. Investigative Radiology, 2018, 53, 344-351.	6.2	14
139	Early stage anal margin cancer: towards evidenceâ€based management. Colorectal Disease, 2019, 21, 387-391.	1.4	14
140	Systematic review of research design and reporting of imaging studies applying convolutional neural networks for radiological cancer diagnosis. European Radiology, 2021, 31, 7969-7983.	4.5	14
141	¹⁸F FDG PET/CT and Novel Molecular Imaging for Directing Immunotherapy in Cancer. Radiology, 2022, 304, 246-264.	7.3	14
142	Functional Imaging of the Liver. Seminars in Ultrasound, CT and MRI, 2013, 34, 54-65.	1.5	13
143	Investigating the histopathologic correlates of 18F-FDG PET heterogeneity in non-small-cell lung cancer. Nuclear Medicine Communications, 2018, 39, 1197-1206.	1.1	13
144	Comparison of the diagnostic performance and impact on management of 18F-FDG PET/CT and whole-body MRI in multiple myeloma. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2558-2565.	6.4	13

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145	Imaging Tumor Response and Tumoral Heterogeneity in Nonâ€“Small Cell Lung Cancer Treated With Antiangiogenic Therapy. Journal of Thoracic Imaging, 2015, 30, 300-307.	1.5	12
146	A Role for FDG PET Radiomics in Personalized Medicine?. Seminars in Nuclear Medicine, 2020, 50, 532-540.	4.6	12
147	Effect of intravenous contrast agent volume on colorectal cancer vascular parameters as measured by perfusion computed tomography. Clinical Radiology, 2009, 64, 368-372.	1.1	11
148	The economic evidence for advanced imaging in the diagnosis of suspected scaphoid fractures: systematic review of evidence. Journal of Hand Surgery: European Volume, 2018, 43, 642-651.	1.0	11
149	Accelerated 3D T‹sub›2‹/sub›wâ€imaging of the prostate with 1â€millimeter isotropic resolution in less than 3 minutes. Magnetic Resonance in Medicine, 2019, 82, 721-731.	3.0	11
150	Does Measurement of First-Order and Heterogeneity Parameters Improve Response Assessment of Bone Metastases in Breast Cancer Compared to SUVmax in [18F]fluoride and [18F]FDG PET?. Molecular Imaging and Biology, 2019, 21, 781-789.	2.6	11
151	Can Combined 18F-FDG-PET and Dynamic Contrast-Enhanced MRI Predict Behavior of Desmoid Tumors in Patients With Familial Adenomatous Polyposis?. Diseases of the Colon and Rectum, 2012, 55, 1032-1037.	1.3	10
152	Predicting response to neoadjuvant chemotherapy in primary breast cancer using volumetric helical perfusion computed tomography: a preliminary study. European Radiology, 2012, 22, 1871-1880.	4.5	10
153	Challenges in imaging assessment following liver stereotactic body radiotherapy: pitfalls to avoid in clinical practice. Chinese Clinical Oncology, 2017, 6, S11-S11.	1.2	10
154	Imaging Î±vÎ²3 integrin expression in skeletal metastases with 99mTc-maraciclatide single-photon emission computed tomography: detection and therapy response assessment. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 898-903.	6.4	9
155	Cost-Effectiveness of Immediate Magnetic Resonance Imaging In the Management of Patients With Suspected Scaphoid Fracture: Results From a Randomized Clinical Trial. Value in Health, 2020, 23, 1444-1452.	0.3	9
156	Synthesis and in vivo evaluation of PEG-BPâ€“BaYbF5 nanoparticles for computed tomography imaging and their toxicity. Journal of Materials Chemistry B, 2020, 8, 7723-7732.	5.8	8
157	Predictors of patient preference for either whole body magnetic resonance imaging (WBâ€MRI) or CT/PETâ€CT for staging colorectal or lung cancer. Journal of Medical Imaging and Radiation Oncology, 2020, 64, 537-545.	1.8	8
158	PET/MRIâ€”knocking on the doors of the rich and famous. British Journal of Radiology, 2017, 90, 20170347.	2.2	7
159	Adaptive statistical iterative reconstruction improves image quality without affecting perfusion CT quantitation in primary colorectal cancer. European Journal of Radiology Open, 2017, 4, 69-74.	1.6	7
160	Measurement of 18F-FDG PET tumor heterogeneity improves early assessment of response to bevacizumab compared with the standard size and uptake metrics in a colorectal cancer model. Nuclear Medicine Communications, 2019, 40, 611-617.	1.1	7
161	A Multi-Channel Uncertainty-Aware Multi-Resolution Network for MR to CT Synthesis. Applied Sciences (Switzerland), 2021, 11, 1667.	2.5	7
162	Initial experience in staging primary oesophageal/gastro-oesophageal cancer with 18F-FDG PET/MRI. European Journal of Hybrid Imaging, 2021, 5, 23.	1.5	7

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