

Daniel Pinto dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,937
citations

331670

21
h-index

289244

40
g-index

92
all docs

92
docs citations

92
times ranked

2381
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical students' attitude towards artificial intelligence: a multicentre survey. <i>European Radiology</i> , 2019, 29, 1640-1646.	4.5	312
2	Robustness and Reproducibility of Radiomics in Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2019, 54, 221-228.	6.2	166
3	Conventional transarterial chemoembolization versus drug-eluting bead transarterial chemoembolization for the treatment of hepatocellular carcinoma. <i>BMC Cancer</i> , 2015, 15, 465.	2.6	105
4	A decade of radiomics research: are images really data or just patterns in the noise?. <i>European Radiology</i> , 2021, 31, 1-4.	4.5	99
5	To buy or not to buy—evaluating commercial AI solutions in radiology (the ECLAIR guidelines). <i>European Radiology</i> , 2021, 31, 3786-3796.	4.5	92
6	How COVID-19 kick-started online learning in medical education—the DigiMed study. <i>PLoS ONE</i> , 2021, 16, e0257394.	2.5	74
7	Radiation exposure in CT-guided interventions. <i>European Journal of Radiology</i> , 2013, 82, 2253-2257.	2.6	67
8	Single-slice CT measurements allow for accurate assessment of sarcopenia and body composition. <i>European Radiology</i> , 2020, 30, 1701-1708.	4.5	57
9	Radiomics allows for detection of benign and malignant histopathology in patients with metastatic testicular germ cell tumors prior to post-chemotherapy retroperitoneal lymph node dissection. <i>European Radiology</i> , 2020, 30, 2334-2345.	4.5	56
10	Extent of portal vein tumour thrombosis in patients with hepatocellular carcinoma: The more, the worse?. <i>Liver International</i> , 2019, 39, 324-331.	3.9	55
11	Big data, artificial intelligence, and structured reporting. <i>European Radiology Experimental</i> , 2018, 2, 42.	3.4	51
12	Use and Control of Artificial Intelligence in Patients Across the Medical Workflow: Single-Center Questionnaire Study of Patient Perspectives. <i>Journal of Medical Internet Research</i> , 2021, 23, e24221.	4.3	46
13	Attitudes Toward Artificial Intelligence Among Radiologists, IT Specialists, and Industry. <i>Academic Radiology</i> , 2020, 28, 834-840.	2.5	39
14	Structured Reporting in Clinical Routine. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 33-39.	1.3	38
15	Artificial Intelligence in Medicine: A Multinational Multi-Center Survey on the Medical and Dental Students' Perception. <i>Frontiers in Public Health</i> , 2021, 9, 795284.	2.7	38
16	Development of an IHE MRRT-compliant open-source web-based reporting platform. <i>European Radiology</i> , 2017, 27, 424-430.	4.5	34
17	Predicting survival after transarterial chemoembolization for hepatocellular carcinoma using a neural network: A Pilot Study. <i>Liver International</i> , 2020, 40, 694-703.	3.9	32
18	Structured report data can be used to develop deep learning algorithms: a proof of concept in ankle radiographs. <i>Insights Into Imaging</i> , 2019, 10, 93.	3.4	31

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19	Sarcopenia as prognostic factor for survival after orthotopic liver transplantation. <i>European Journal of Gastroenterology and Hepatology</i> , 2020, 32, 626-634.	1.6	28
20	Dose independent characterization of renal stones by means of dual energy computed tomography and machine learning: an ex-vivo study. <i>European Radiology</i> , 2020, 30, 1397-1404.	4.5	26
21	A proof of concept for epidemiological research using structured reporting with pulmonary embolism as a use case. <i>British Journal of Radiology</i> , 2018, , .	2.2	24
22	Radiation Exposure in Nonvascular Fluoroscopy-Guided Interventional Procedures. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 613-620.	2.0	22
23	Impact of rescanning and repositioning on radiomic features employing a multi-object phantom in magnetic resonance imaging. <i>Scientific Reports</i> , 2021, 11, 14248.	3.3	21
24	Impact of combined FDG-PET/CT and MRI on the detection of local recurrence and nodal metastases in thyroid cancer. <i>Cancer Imaging</i> , 2016, 16, 37.	2.8	20
25	Immunonutritive Scoring in Patients With Hepatocellular Carcinoma Undergoing Transarterial Chemoembolization: Prognostic Nutritional Index or Controlling Nutritional Status Score?. <i>Frontiers in Oncology</i> , 2021, 11, 696183.	2.8	17
26	Validation of the SNACOR clinical scoring system after transarterial chemoembolisation in patients with hepatocellular carcinoma. <i>BMC Cancer</i> , 2018, 18, 489.	2.6	16
27	Low-keV virtual monoenergetic imaging reconstructions of excretory phase spectral dual-energy CT in patients with urothelial carcinoma: A feasibility study. <i>European Journal of Radiology</i> , 2019, 116, 135-143.	2.6	16
28	AI for Doctorsâ€”A Course to Educate Medical Professionals in Artificial Intelligence for Medical Imaging. <i>Healthcare (Switzerland)</i> , 2021, 9, 1278.	2.0	16
29	Immunonutritive Scoring for Patients with Hepatocellular Carcinoma Undergoing Transarterial Chemoembolization: Evaluation of the CALLY Index. <i>Cancers</i> , 2021, 13, 5018.	3.7	16
30	Structured Reporting of Solid and Cystic Pancreatic Lesions in CT and MRI: Consensus-Based Structured Report Templates of the German Society of Radiology (DRG). <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 641-656.	1.3	15
31	Virtual Monoenergetic Images of Dual-Energy CTâ€™Impact on Repeatability, Reproducibility, and Classification in Radiomics. <i>Cancers</i> , 2021, 13, 4710.	3.7	14
32	Workflow-centred evaluation of an automatic lesion tracking software for chemotherapy monitoring by CT. <i>European Radiology</i> , 2012, 22, 2759-2767.	4.5	13
33	Magnetic Resonance Kidney Parenchyma-T2 as a Novel Imaging Biomarker for Autosomal Dominant Polycystic Kidney Disease. <i>Investigative Radiology</i> , 2020, 55, 217-225.	6.2	12
34	Are gamers better laparoscopic surgeons? Impact of gaming skills on laparoscopic performance in â€œGeneration Yâ€—students. <i>PLoS ONE</i> , 2020, 15, e0232341.	2.5	12
35	Quantification of metal artifacts in computed tomography: methodological considerations. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1033-1044.	2.0	12
36	Transanal minimally invasive surgery (TAMIS) approach for large juxta-anal gastrointestinal stromal tumour. <i>Journal of Minimal Access Surgery</i> , 2016, 12, 289.	0.7	12

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37	Prevalence and clinical significance of clinically evident portal hypertension in patients with hepatocellular carcinoma undergoing transarterial chemoembolization. <i>United European Gastroenterology Journal</i> , 2022, 10, 41-53.	3.8	12
38	Follow-up MRI in multiple sclerosis patients: automated co-registration and lesion color-coding improves diagnostic accuracy and reduces reading time. <i>European Radiology</i> , 2019, 29, 7047-7054.	4.5	11
39	Accuracy of iodine density thresholds for the separation of vertebral bone metastases from healthy-appearing trabecular bone in spectral detector computed tomography. <i>European Radiology</i> , 2019, 29, 3253-3261.	4.5	11
40	Endovascular simulation training: a tool to increase enthusiasm for interventional radiology among medical students. <i>European Radiology</i> , 2020, 30, 4656-4663.	4.5	11
41	Quantitative assessment of washout in hepatocellular carcinoma using MRI. <i>BMC Cancer</i> , 2016, 16, 758.	2.6	10
42	Giving radiologists a voice: a review of podcasts in radiology. <i>Insights Into Imaging</i> , 2020, 11, 33.	3.4	10
43	Fluoroscopy-guided Hepaticojejunoscopy in Recurrent Anastomotic Stricture after Repeated Surgical Hepaticojejunoscopy. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 1750-1752.	0.5	9
44	Software-automated multidetector computed tomography-based prosthesis-sizing in transcatheter aortic valve replacement: Inter-vendor comparison and relation to patient outcome. <i>International Journal of Cardiology</i> , 2018, 272, 267-272.	1.7	9
45	Hepatic vein tumor thrombosis in patients with hepatocellular carcinoma: Prevalence and clinical significance. <i>United European Gastroenterology Journal</i> , 2021, 9, 590-597.	3.8	9
46	Web-Based Immersive Patient Simulator as a Curricular Tool for Objective Structured Clinical Examination Preparation in Surgery: Development and Evaluation. <i>JMIR Serious Games</i> , 2018, 6, e10693.	3.1	9
47	On the evaluation of segmentation editing tools. <i>Journal of Medical Imaging</i> , 2014, 1, 034005.	1.5	8
48	Artificial intelligence abstracts from the European Congress of Radiology: analysis of topics and compliance with the STARD for abstracts checklist. <i>Insights Into Imaging</i> , 2020, 11, 59.	3.4	8
49	Radiomics in endometrial cancer and beyond - a perspective from the editors of the <i>EJR</i> . <i>European Journal of Radiology</i> , 2022, 150, 110266.	2.6	8
50	Comparison of manual and semi-automatic measuring techniques in MSCT scans of patients with lymphoma: a multicentre study. <i>European Radiology</i> , 2014, 24, 2709-2718.	4.5	7
51	Successful Yttrium-90 Microsphere Radioembolization for Hepatic Metastases of Prostate Cancer. <i>Case Reports in Oncology</i> , 2017, 10, 627-633.	0.7	7
52	Refining Prognosis in Chemoembolization for Hepatocellular Carcinoma: Immunonutrition and Liver Function. <i>Cancers</i> , 2021, 13, 3961.	3.7	7
53	Tumor Burden in Patients With Hepatocellular Carcinoma Undergoing Transarterial Chemoembolization: Head-to-Head Comparison of Current Scoring Systems. <i>Frontiers in Oncology</i> , 2022, 12, 850454.	2.8	7
54	Comparison of medical-grade and calibrated consumer-grade displays for diagnosis of subtle bone fissures. <i>European Radiology</i> , 2017, 27, 5049-5055.	4.5	5

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55	The ISCON-trial protocol: laparoscopic ischemic conditioning prior to esophagectomy in patients with esophageal cancer and arterial calcifications. BMC Cancer, 2022, 22, 144.	2.6	5
56	Quantitative determination of pulmonary emphysema in follow-up LD-CTs of patients with COVID-19 infection. PLoS ONE, 2022, 17, e0263261.	2.5	5
57	Guidelines Regarding §16 of the German Transplantation Act – Initial Experiences with Structured Reporting. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2017, 189, 1145-1151.	1.3	4
58	Two-dimensional CT measurements enable assessment of body composition on head and neck CT. European Radiology, 2022, 32, 6427-6434.	4.5	4
59	CoRad-19 – Modular Digital Teaching during the SARS-CoV-2 Pandemic. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, , .	1.3	4
60	Workflow-centred open-source fully automated lung volumetry in chest CT. Clinical Radiology, 2020, 75, 78.e1-78.e7.	1.1	3
61	Short- and long-term follow-up of patients with non-neoplastic esophageal perforation. Langenbeck's Archives of Surgery, 2022, 407, 569-577.	1.9	3
62	Effect of Kernels Used for the Reconstruction of MDCT Datasets on the Semi-Automated Segmentation and Volumetry of Liver Lesions. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 780-784.	1.3	2
63	Structured radiology reporting on an institutional level – benefit or new administrative burden?. Annals of the New York Academy of Sciences, 2018, 1434, 274-281.	3.8	2
64	Value of spectral detector computed tomography for the early assessment of technique efficacy after microwave ablation of hepatocellular carcinoma. PLoS ONE, 2021, 16, e0252678.	2.5	2
65	Therapy Response Evaluation of Malignant Lymphoma in a Multicenter Study: Comparison of Manual and Semiautomatic Measurements in CT. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 768-779.	1.3	1
66	Radiomics for prediction of survival in lower-grade gliomas – it's time to move beyond the crystal ball. European Radiology, 2021, 31, 1783-1784.	4.5	1
67	Structured Reporting of Acute Ischemic Stroke – Consensus-Based Reporting Templates for Non-Contrast Cranial Computed Tomography, CT Angiography, and CT Perfusion. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 1315-1317.	1.3	1
68	Palliation of malignant dysphagia with a segmented self-expanding metal stent. Medicine (United States), 2010, 89, 1070-1075.	1.0	1
69	Impact of the COVID-19 Pandemic on Radiology in Inpatient and Outpatient Care in Germany: A Nationwide Survey Regarding the First and Second Wave. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 70-82.	1.3	1
70	Comparison of detection of trauma-related injuries using combined all-in-one fused images and conventionally reconstructed images in acute trauma CT. European Radiology, 2022, , 1.	4.5	1
71	Healthcare management and related issues. International Journal of Computer Assisted Radiology and Surgery, 2014, 9, 81-83.	2.8	0
72	Portal vein infiltration in patients with hepatocellular carcinoma: The relevance of correct classification.. Journal of Clinical Oncology, 2017, 35, e15651-e15651.	1.6	0

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73	Title is missing!. , 2020, 15, e0232341.		0
74	Title is missing!. , 2020, 15, e0232341.		0
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76	Title is missing!. , 2020, 15, e0232341.		0
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79	Title is missing!. , 2020, 15, e0232341.		0
80	Title is missing!. , 2020, 15, e0232341.		0