

Peter M Graffy

List of Publications by Year in descending order

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27
papers

1,346
citations

430442

18
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

1375
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Automated Deep Learning Tool for Sarcopenia Assessment on CT: L1 Versus L3 Vertebral Level Muscle Measurements for Opportunistic Prediction of Adverse Clinical Outcomes. American Journal of Roentgenology, 2022, 218, 124-131.	1.0	23
2	Deep Learning CT-based Quantitative Visualization Tool for Liver Volume Estimation: Defining Normal and Hepatomegaly. Radiology, 2022, 302, 336-342.	3.6	20
3	Hepatic Steatosis: CT-Based Prevalence in Adults in China and the United States and Associations With Age, Sex, and Body Mass Index. American Journal of Roentgenology, 2022, 218, 846-857.	1.0	4
4	Detection of High-Risk Sessile Serrated Lesions: Multitarget Stool DNA Versus CT Colonography. American Journal of Roentgenology, 2022, 218, 670-676.	1.0	2
5	Effect of surgeon volume on pediatric thyroid surgery outcomes: A systematic review. Journal of Pediatric Surgery, 2022, 57, 208-215.	0.8	5
6	Atherosclerotic Plaque Burden on Abdominal CT: Automated Assessment With Deep Learning on Noncontrast and Contrast-enhanced Scans. Academic Radiology, 2021, 28, 1491-1499.	1.3	22
7	Liver Steatosis Categorization on Contrast-Enhanced CT Using a Fully Automated Deep Learning Volumetric Segmentation Tool: Evaluation in 1204 Healthy Adults Using Unenhanced CT as a Reference Standard. American Journal of Roentgenology, 2021, 217, 359-367.	1.0	31
8	Utilizing Fully Automated Abdominal CT-Based Biomarkers for Opportunistic Screening for Metabolic Syndrome in Adults Without Symptoms. American Journal of Roentgenology, 2021, 216, 85-92.	1.0	26
9	Automated assessment of longitudinal biomarker changes at abdominal CT: correlation with subsequent cardiovascular events in an asymptomatic adult screening cohort. Abdominal Radiology, 2021, 46, 2976-2984.	1.0	6
10	Opportunistic Screening at Abdominal CT: Use of Automated Body Composition Biomarkers for Added Cardiometabolic Value. Radiographics, 2021, 41, 524-542.	1.4	53
11	Utility of Multiparametric CT for Identification of High-Risk NAFLD. American Journal of Roentgenology, 2021, 216, 659-668.	1.0	11
12	Use of Variational Autoencoders with Unsupervised Learning to Detect Incorrect Organ Segmentations at CT. Radiology: Artificial Intelligence, 2021, 3, e200218.	3.0	10
13	Automated Abdominal CT Imaging Biomarkers for Opportunistic Prediction of Future Major Osteoporotic Fractures in Asymptomatic Adults. Radiology, 2020, 297, 64-72.	3.6	72
14	Diagnostic Performance of Multitarget Stool DNA and CT Colonography for Noninvasive Colorectal Cancer Screening. Radiology, 2020, 297, 120-129.	3.6	16
15	Automated CT biomarkers for opportunistic prediction of future cardiovascular events and mortality in an asymptomatic screening population: a retrospective cohort study. The Lancet Digital Health, 2020, 2, e192-e200.	5.9	115
16	Deep learning-based muscle segmentation and quantification at abdominal CT: application to a longitudinal adult screening cohort for sarcopenia assessment. British Journal of Radiology, 2019, 92, 20190327.	1.0	86
17	Automated Liver Fat Quantification at Nonenhanced Abdominal CT for Population-based Steatosis Assessment. Radiology, 2019, 293, 334-342.	3.6	91
18	Opportunistic Osteoporosis Screening at Routine Abdominal and Thoracic CT: Normative L1 Trabecular Attenuation Values in More than 20 000 Adults. Radiology, 2019, 291, 360-367.	3.6	183

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19	Automated segmentation and quantification of aortic calcification at abdominal CT: application of a deep learning-based algorithm to a longitudinal screening cohort. <i>Abdominal Radiology</i> , 2019, 44, 2921-2928.	1.0	56
20	Population-based opportunistic osteoporosis screening: Validation of a fully automated CT tool for assessing longitudinal BMD changes. <i>British Journal of Radiology</i> , 2019, 92, 20180726.	1.0	61
21	Multiparametric CT for Noninvasive Staging of Hepatitis C Virus-Related Liver Fibrosis: Correlation With the Histopathologic Fibrosis Score. <i>American Journal of Roentgenology</i> , 2019, 212, 547-553.	1.0	40
22	Does Nonenhanced CT-based Quantification of Abdominal Aortic Calcification Outperform the Framingham Risk Score in Predicting Cardiovascular Events in Asymptomatic Adults?. <i>Radiology</i> , 2019, 290, 108-115.	3.6	75
23	Future Osteoporotic Fracture Risk Related to Lumbar Vertebral Trabecular Attenuation Measured at Routine Body CT. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 860-867.	3.1	84
24	Quantification of Liver Fat Content With Unenhanced MDCT: Phantom and Clinical Correlation With MRI Proton Density Fat Fraction. <i>American Journal of Roentgenology</i> , 2018, 211, W151-W157.	1.0	73
25	Pulmonary Intraparenchymal Blood Patching Decreases the Rate of Pneumothorax-Related Complications following Percutaneous CT-Guided Needle Biopsy. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 608-613.e1.	0.2	28
26	Prevalence of Vertebral Compression Fractures on Routine CT Scans According to L1 Trabecular Attenuation: Determining Relevant Thresholds for Opportunistic Osteoporosis Screening. <i>American Journal of Roentgenology</i> , 2017, 209, 491-496.	1.0	69
27	Quantification of hepatic and visceral fat by CT and MR imaging: relevance to the obesity epidemic, metabolic syndrome and NAFLD. <i>British Journal of Radiology</i> , 2016, 89, 20151024.	1.0	84