Jeremy R Burt

List of Publications by Year
in descending order

58 papers	988 citations	623734 14 h-index	501196 28 g-index
58 all docs	58 docs citations	58 times ranked	1302 citing authors

#	Article	IF	Citations
1	Performance of an Artificial Intelligence-Based Platform Against Clinical Radiology Reports for the Evaluation of Noncontrast Chest CT. Academic Radiology, 2022, 29, S108-S117.	2.5	9
2	Diagnostic Accuracy and Performance of Artificial Intelligence in Detecting Lung Nodules in Patients With Complex Lung Disease. Journal of Thoracic Imaging, 2022, 37, 154-161.	1.5	13
3	Coronary CT Fractional Flow Reserve before Transcatheter Aortic Valve Replacement: Clinical Outcomes. Radiology, 2022, 302, 50-58.	7.3	9
4	Tumor burden of lung metastases at initial staging in breast cancer patients detected by artificial intelligence as a prognostic tool for precision medicine. Heliyon, 2022, 8, e08962.	3.2	5
5	Diagnostic accuracy and performance of artificial intelligence in measuring left atrial volumes and function on multiphasic CT in patients with atrial fibrillation. European Radiology, 2022, 32, 5256-5264.	4.5	6
6	Computed tomographic assessment of right ventricular long axis strain for prognosis after transcatheter aortic valve replacement. European Journal of Radiology, 2022, 149, 110212.	2.6	2
7	Deep learning model to quantify left atrium volume on routine non-contrast chest CT and predict adverse outcomes. Journal of Cardiovascular Computed Tomography, 2022, 16, 245-253.	1.3	5
8	Automated Dual-energy Computed Tomography-based Extracellular Volume Estimation for Myocardial Characterization in Patients With Ischemic and Nonischemic Cardiomyopathy. Journal of Thoracic Imaging, 2022, 37, 307-314.	1.5	7
9	CT in Transcatheter-delivered Treatment of Valvular Heart Disease. Radiology, 2022, 304, 4-17.	7.3	11
10	Impact of Artificial Intelligence Assistance on Chest CT Interpretation Times: A Prospective Randomized Study. American Journal of Roentgenology, 2022, 219, 743-751.	2.2	13
11	The Prognostic Value of CAC Zero Among Individuals Presenting With Chest Pain. JACC: Cardiovascular Imaging, 2022, 15, 1745-1757.	5.3	27
12	Feasibility of Coronary CT Angiography–derived Left Ventricular Long-Axis Shortening as an Early Marker of Ventricular Dysfunction in Transcatheter Aortic Valve Replacement. Radiology: Cardiothoracic Imaging, 2022, 4, .	2.5	3
13	Automatic coronary calcium scoring in chest CT using a deep neural network in direct comparison with non-contrast cardiac CT: A validation study. European Journal of Radiology, 2021, 134, 109428.	2.6	32
14	Predictive value of initial imaging and staging with long-term outcomes in young adults diagnosed with colorectal cancer. Abdominal Radiology, 2021, 46, 909-918.	2.1	0
15	Strength in Numbers: National Practice Radiology Versus Academic Radiology. Journal of the American College of Radiology, 2021, 18, 219-221.	1.8	2
16	Kaolin Pneumoconiosis. American Journal of Medicine, 2021, 134, e203-e204.	1.5	1
17	The diagnostic value of non-contrast magnetic resonance coronary angiography in the assessment of coronary artery disease: A systematic review and meta-analysis. Heliyon, 2021, 7, e06386.	3.2	7
18	Automated detection of lung nodules and coronary artery calcium using artificial intelligence on low-dose CT scans for lung cancer screening: accuracy and prognostic value. BMC Medicine, 2021, 19, 55.	5.5	59

#	ARTICLE	IF	CITATIONS
19	Paucity of Coronary Artery Calcium Research in Low–Middle Income Countries: A Call to Action. Journal of the American Heart Association, 2021, 10, e021796.	3.7	0
20	Role of Gender on the Outcomes of ST-Elevation Myocardial Infarction Patients Following Primary Coronary Angioplasty. Cureus, 2021, 13, e17892.	0.5	1
21	Utility of Functional and Volumetric Left Atrial Parameters Derived From Preprocedural Cardiac CTA in Predicting Mortality After Transcatheter Aortic Valve Replacement. American Journal of Roentgenology, 2021, , .	2.2	2
22	Prevalence of Abnormal Coronary Findings on Coronary Computed Tomography Angiography Among Young Adults Presenting With Chest Pain. Journal of Thoracic Imaging, 2021, 36, 116-121.	1.5	1
23	Artificial Intelligence in Cardiac CT: Automated Calcium Scoring and Plaque Analysis. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.6	3
24	Fat-Finding Mission. JACC: Case Reports, 2020, 2, 1520-1526.	0.6	0
25	Machine Learning and Coronary Artery Calcium Scoring. Current Cardiology Reports, 2020, 22, 90.	2.9	26
26	Marijuana use and coronary artery disease in young adults. PLoS ONE, 2020, 15, e0228326.	2.5	8
27	Improving CT-Derived Fractional Flow Reserve Analysis: A Quality Improvement Initiative. Cureus, 2020, 12, e10835.	0.5	1
28	The Future of Concurrent Automated Coronary Artery Calcium Scoring on Screening Low-Dose Computed Tomography. Cureus, 2020, 12, e8574.	0.5	9
29	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0
30	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0
31	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0
32	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0
33	MRI-Guided, Transperineal Prostate Biopsy Using Fixed Coordinate Needle Guide: Initial Feasibility Study. , 2019, , .		0
34	The Association between Transcatheter Aortic Valve Replacement (TAVR) Approach and New-Onset Bundle Branch Blocks. Cardiology and Therapy, 2019, 8, 357-364.	2.6	2
35	The Frequency of Premature Coronary Artery Disease Identified on Coronary CT Angiography Among Patients Presenting With Chest Pain at a Single Institution. JACC: Cardiovascular Imaging, 2019, 12, 372-374.	5.3	1
36	Anomalous Coronary Anatomy with Fistula Diagnosed on Coronary Computed Tomography Angiography. Cureus, 2019, 11, e4403.	0.5	1

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37	Left-sided Inferior Vena Cava with Hemiazygos Continuation to Left Superior Vena Cava. Cureus, 2019, 11, e6503.	0.5	5
38	Deep learning beyond cats and dogs: recent advances in diagnosing breast cancer with deep neural networks. British Journal of Radiology, 2018, 91, 20170545.	2.2	106
39	Catastrophic Prosthetic Valve Endocarditis Caused by Rare Black Fungi. Case Reports in Cardiology, 2018, 2018, 1-4.	0.2	1
40	How to fool radiologists with generative adversarial networks? A visual turing test for lung cancer diagnosis. , 2018, , .		120
41	A Novel Imaging Finding in Williams Syndrome: The Coral Sign. Pediatric Cardiology, 2018, 39, 1063-1065.	1.3	0
42	Phase 1b study of oncolytic vaccinia virus GL-ONC1 in recurrent ovarian cancer (ROC).. Journal of Clinical Oncology, 2018, 36, 5577-5577.	1.6	8
43	Complex Vascular Ring Diagnosed on Cardiovascular MR in a 3-Day-Old Infant. Tomography, 2018, 4, 43-45.	1.8	0
44	A Case of Supernumerary Kidney. Cureus, 2018, 10, e3686.	0.5	4
45	Abdominal Cocoon Syndrome: a Rare Cause for Recurrent Abdominal Pain. Journal of Gastrointestinal Surgery, 2017, 21, 1194-1195.	1.7	4
46	Invasive Cardiac Lipoma: a case report and review of literature. BMC Cardiovascular Disorders, 2017, 17, 28.	1.7	37
47	Safety of CT-Guided Bone Marrow Biopsy in Thrombocytopenic Patients: A Retrospective Review. Journal of Vascular and Interventional Radiology, 2017, 28, 1727-1731.	0.5	15
48	CT-guided Native Medical Renal Biopsy: Cortical Tangential versus Non-Tangential Approaches—A Comparison of Efficacy and Safety. Radiology, 2017, 283, 293-299.	7.3	10
49	Leukemic Ischemia: A Case of Myocardial Infarction Secondary to Leukemic Cardiac Involvement. Case Reports in Cardiology, 2017, 2017, 1-4.	0.2	4
50	Spectrum of Biventricular Involvement on CMR Among Carriers of ARVD/C-Associated Mutations. JACC: Cardiovascular Imaging, 2015, 8, 863-864.	5.3	25
51	Cardiac MR Findings and Potential Diagnostic Pitfalls in Patients Evaluated for Arrhythmogenic Right Ventricular Cardiomyopathy. Radiographics, 2014, 34, 1553-1570.	3.3	52
52	Myocardial T1 Mapping: Techniques and Potential Applications. Radiographics, 2014, 34, 377-395.	3.3	80
53	Incremental Value of Cardiac Magnetic Resonance Imaging in Arrhythmic Risk Stratification of Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy—Associated Desmosomal Mutation Carriers. Journal of the American College of Cardiology, 2013, 62, 1761-1769.	2.8	112
54	Genotype-Specific Pattern of LV Involvement in ARVD/C. JACC: Cardiovascular Imaging, 2012, 5, 849-851.	5.3	12

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55	Incidental Pulmonary Nodules on Cardiac Computed Tomography: Prognosis and Use. American Journal of Medicine, 2008, 121, 989-996.	1.5	54
56	Incidental Findings on Cardiac Multidetector Row Computed Tomography Among Healthy Older Adults<subtitle>Prevalence and Clinical Correlates</subtitle>. Archives of Internal Medicine, 2008, 168, 756.	3.8	51
57	Progression of coronary calcification in healthy postmenopausal women. BMC Cardiovascular Disorders, 2004, 4, 21.	1.7	22
58	Computed Tomography Assessment of Gastric Band Slippage. Visceral Medicine, 0, , 1-7.	1.3	0