

Jeremy R Burt

List of Publications by Year in descending order

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Version: 2024-02-01

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	How to fool radiologists with generative adversarial networks? A visual turing test for lung cancer diagnosis. , 2018, , .		120
2	Incremental Value of Cardiac Magnetic Resonance Imaging in Arrhythmic Risk Stratification of Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathyâ€“Associated Desmosomal Mutation Carriers. Journal of the American College of Cardiology, 2013, 62, 1761-1769.	2.8	112
3	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
4	Myocardial T1 Mapping: Techniques and Potential Applications. Radiographics, 2014, 34, 377-395.	3.3	80
5	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
6	Incidental Pulmonary Nodules on Cardiac Computed Tomography: Prognosis and Use. American Journal of Medicine, 2008, 121, 989-996.	1.5	54
7	Cardiac MR Findings and Potential Diagnostic Pitfalls in Patients Evaluated for Arrhythmogenic Right Ventricular Cardiomyopathy. Radiographics, 2014, 34, 1553-1570.	3.3	52
8	Incidental Findings on Cardiac Multidetector Row Computed Tomography Among Healthy Older Adults<sub>title>Prevalence and Clinical Correlates</sub>. Archives of Internal Medicine, 2008, 168, 756.	3.8	51
9	Invasive Cardiac Lipoma: a case report and review of literature. BMC Cardiovascular Disorders, 2017, 17, 28.	1.7	37
10	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
11	The Prognostic Value of CAC Zero Among Individuals Presenting With Chest Pain. JACC: Cardiovascular Imaging, 2022, 15, 1745-1757.	5.3	27
12	Machine Learning and Coronary Artery Calcium Scoring. Current Cardiology Reports, 2020, 22, 90.	2.9	26
13	Spectrum of Biventricular Involvement on CMR Among Carriers of ARVD/C-Associated Mutations. JACC: Cardiovascular Imaging, 2015, 8, 863-864.	5.3	25
14	Progression of coronary calcification in healthy postmenopausal women. BMC Cardiovascular Disorders, 2004, 4, 21.	1.7	22
15	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
16	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
17	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
18	Genotype-Specific Pattern of LV Involvement in ARVD/C. JACC: Cardiovascular Imaging, 2012, 5, 849-851.	5.3	12

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19	CT in Transcatheter-delivered Treatment of Valvular Heart Disease. <i>Radiology</i> , 2022, 304, 4-17.	7.3	11
20	CT-guided Native Medical Renal Biopsy: Cortical Tangential versus Non-Tangential Approachesâ€”A Comparison of Efficacy and Safety. <i>Radiology</i> , 2017, 283, 293-299.	7.3	10
21	Performance of an Artificial Intelligence-Based Platform Against Clinical Radiology Reports for the Evaluation of Noncontrast Chest CT. <i>Academic Radiology</i> , 2022, 29, S108-S117.	2.5	9
22	The Future of Concurrent Automated Coronary Artery Calcium Scoring on Screening Low-Dose Computed Tomography. <i>Cureus</i> , 2020, 12, e8574.	0.5	9
23	Coronary CT Fractional Flow Reserve before Transcatheter Aortic Valve Replacement: Clinical Outcomes. <i>Radiology</i> , 2022, 302, 50-58.	7.3	9
24	Marijuana use and coronary artery disease in young adults. <i>PLoS ONE</i> , 2020, 15, e0228326.	2.5	8
25	Phase 1b study of oncolytic vaccinia virus GL-ONC1 in recurrent ovarian cancer (ROC).. <i>Journal of Clinical Oncology</i> , 2018, 36, 5577-5577.	1.6	8
26	The diagnostic value of non-contrast magnetic resonance coronary angiography in the assessment of coronary artery disease: A systematic review and meta-analysis. <i>Heliyon</i> , 2021, 7, e06386.	3.2	7
27	Automated Dual-energy Computed Tomography-based Extracellular Volume Estimation for Myocardial Characterization in Patients With Ischemic and Nonischemic Cardiomyopathy. <i>Journal of Thoracic Imaging</i> , 2022, 37, 307-314.	1.5	7
28	Diagnostic accuracy and performance of artificial intelligence in measuring left atrial volumes and function on multiphasic CT in patients with atrial fibrillation. <i>European Radiology</i> , 2022, 32, 5256-5264.	4.5	6
29	Left-sided Inferior Vena Cava with Hemiazygos Continuation to Left Superior Vena Cava. <i>Cureus</i> , 2019, 11, e6503.	0.5	5
30	Tumor burden of lung metastases at initial staging in breast cancer patients detected by artificial intelligence as a prognostic tool for precision medicine. <i>Heliyon</i> , 2022, 8, e08962.	3.2	5
31	Deep learning model to quantify left atrium volume on routine non-contrast chest CT and predict adverse outcomes. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 245-253.	1.3	5
32	Abdominal Cocoon Syndrome: a Rare Cause for Recurrent Abdominal Pain. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 1194-1195.	1.7	4
33	Leukemic Ischemia: A Case of Myocardial Infarction Secondary to Leukemic Cardiac Involvement. <i>Case Reports in Cardiology</i> , 2017, 2017, 1-4.	0.2	4
34	A Case of Supernumerary Kidney. <i>Cureus</i> , 2018, 10, e3686.	0.5	4
35	Artificial Intelligence in Cardiac CT: Automated Calcium Scoring and Plaque Analysis. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.6	3
36	Feasibility of Coronary CT Angiographyâ€”derived Left Ventricular Long-Axis Shortening as an Early Marker of Ventricular Dysfunction in Transcatheter Aortic Valve Replacement. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, .	2.5	3

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37	The Association between Transcatheter Aortic Valve Replacement (TAVR) Approach and New-Onset Bundle Branch Blocks. <i>Cardiology and Therapy</i> , 2019, 8, 357-364.	2.6	2
38	Strength in Numbers: National Practice Radiology Versus Academic Radiology. <i>Journal of the American College of Radiology</i> , 2021, 18, 219-221.	1.8	2
39	Utility of Functional and Volumetric Left Atrial Parameters Derived From Preprocedural Cardiac CTA in Predicting Mortality After Transcatheter Aortic Valve Replacement. <i>American Journal of Roentgenology</i> , 2021, , .	2.2	2
40	Computed tomographic assessment of right ventricular long axis strain for prognosis after transcatheter aortic valve replacement. <i>European Journal of Radiology</i> , 2022, 149, 110212.	2.6	2
41	Catastrophic Prosthetic Valve Endocarditis Caused by Rare Black Fungi. <i>Case Reports in Cardiology</i> , 2018, 2018, 1-4.	0.2	1
42	The Frequency of Premature Coronary Artery Disease Identified on Coronary CT Angiography Among Patients Presenting With Chest Pain at a Single Institution. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 372-374.	5.3	1
43	Kaolin Pneumoconiosis. <i>American Journal of Medicine</i> , 2021, 134, e203-e204.	1.5	1
44	Role of Gender on the Outcomes of ST-Elevation Myocardial Infarction Patients Following Primary Coronary Angioplasty. <i>Cureus</i> , 2021, 13, e17892.	0.5	1
45	Improving CT-Derived Fractional Flow Reserve Analysis: A Quality Improvement Initiative. <i>Cureus</i> , 2020, 12, e10835.	0.5	1
46	Anomalous Coronary Anatomy with Fistula Diagnosed on Coronary Computed Tomography Angiography. <i>Cureus</i> , 2019, 11, e4403.	0.5	1
47	Prevalence of Abnormal Coronary Findings on Coronary Computed Tomography Angiography Among Young Adults Presenting With Chest Pain. <i>Journal of Thoracic Imaging</i> , 2021, 36, 116-121.	1.5	1
48	A Novel Imaging Finding in Williams Syndrome: The Coral Sign. <i>Pediatric Cardiology</i> , 2018, 39, 1063-1065.	1.3	0
49	MRI-Guided, Transperineal Prostate Biopsy Using Fixed Coordinate Needle Guide: Initial Feasibility Study. , 2019, , .		0
50	Fat-Finding Mission. <i>JACC: Case Reports</i> , 2020, 2, 1520-1526.	0.6	0
51	Predictive value of initial imaging and staging with long-term outcomes in young adults diagnosed with colorectal cancer. <i>Abdominal Radiology</i> , 2021, 46, 909-918.	2.1	0
52	Paucity of Coronary Artery Calcium Research in Low-€Middle Income Countries: A Call to Action. <i>Journal of the American Heart Association</i> , 2021, 10, e021796.	3.7	0
53	Complex Vascular Ring Diagnosed on Cardiovascular MR in a 3-Day-Old Infant. <i>Tomography</i> , 2018, 4, 43-45.	1.8	0
54	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0

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57	Marijuana use and coronary artery disease in young adults. , 2020, 15, e0228326.		0
58	Computed Tomography Assessment of Gastric Band Slippage. Visceral Medicine, 0, , 1-7.	1.3	0