Randall C Thompson

List of Publications by Year
in descending order

100 papers	4,560 citations	172457 29 h-index	102487 66 g-index
101 all docs	101 docs citations	101 times ranked	3988 citing authors

#	Article	IF	Citations
1	Recent clinical trials support continued emphasis on patient-first over modality-first approaches to initial test selection in patients with stable ischemic heart disease. Journal of Nuclear Cardiology, 2023, 30, 1739-1744.	2.1	1
2	Reasons for discordance between positron emission tomography (PET) myocardial perfusion imaging (MPI) results and subsequent management. Journal of Nuclear Cardiology, 2022, 29, 1109-1116.	2.1	1
3	Cardiac PET and SPECT During the COVID-19 Pandemic. Seminars in Nuclear Medicine, 2022, 52, 56-60.	4.6	5
4	ASNCâ€™s thoughts on the AHA/ACC chest pain guidelines. Journal of Nuclear Cardiology, 2022, 29, 19-23.	2.1	9
5	Radiological evidence of purulent infections in ancient Egyptian child mummies. International Journal of Paleopathology, 2022, 36, 30-35.	1.4	4
6	Recovery lines in ancient Egyptian child mummies: Computed tomography investigations in European museums. International Journal of Osteoarchaeology, 2022, 32, 682-693.	1.2	4
7	Implications of the 2021 AHA/ACC/ASE/CHEST/SAEM/SCCT/SCMR Chest Pain Guideline for Cardiovascular Imaging. JACC: Cardiovascular Imaging, 2022, 15, 912-926.	5.3	9
8	Update on guidance and best practices for nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: Emphasis on transition to chronic endemic state. An information statement from ASNC, IAEA, and SNMMI. Journal of Nuclear Cardiology, 2022, 29, 2013-2018.	2.1	6
9	Response to: The practicalities of COVIDâ€™s impact on nuclear cardiology. Journal of Nuclear Cardiology, 2022, 29, 2741.	2.1	0
10	Stress myocardial perfusion imaging in patients presenting with syncope: Comparison of PET vs. SPECT. Journal of Nuclear Cardiology, 2021, 28, 2895-2906.	2.1	3
11	Guidance and Best Practices for Reestablishment of Non-Emergent Care in Nuclear Cardiology Laboratories During the Coronavirus Disease 2019 (COVID-19) Pandemic: An Information Statement from ASNC, IAEA, and SNMMI. Journal of Nuclear Medicine Technology, 2021, 49, 13-18.	0.8	12
12	High prevalence of sternal foramina in indigenous Bolivians compared to Midwest Americans and indigenous North Americans (sternal foramina in indigenous Bolivians). Anatomical Science International, 2021, 96, 517-523.	1.0	3
13	Imaging Atherosclerosis in Great Apes. JACC: Cardiovascular Imaging, 2021, 14, 1275-1277.	5.3	0
14	Correlation of atherosclerosis and osteoarthritis in ancient Egypt: A standardized evaluation of 45 whole-body CT examinations. International Journal of Paleopathology, 2021, 33, 137-145.	1.4	2
15	ASNC and the new world of medical education: A glimpse of the future. Journal of Nuclear Cardiology, 2021, 28, 1809-1811.	2.1	0
16	ASNC Statements of Principles on the Issue of Multimodality Imaging. Journal of Nuclear Cardiology, 2021, 28, 2456-2457.	2.1	3
17	A Policy Statement on Cardiovascular Test Substitution and Authorization. Journal of the American College of Cardiology, 2021, 78, 1385-1389.	2.8	6
18	The Cardiovascular Imaging Communityâ€™s Response to the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2021, 14, 1800-1803.	5.3	1

#	Article	IF	Citations
19	Relative Prognostic Significance of Positron Emission Tomography Myocardial Perfusion Imaging Markers in Cardiomyopathy. Circulation: Cardiovascular Imaging, 2021, 14, e012426.	2.6	7
20	The often-overlooked elements of #PatientFirst imaging: Focus on optimal quality, including up-to-date protocols and equipment. Journal of Nuclear Cardiology, 2021, 28, 3104-3106.	2.1	0
21	Myocardial blood flow reserve assessed by positron emission tomography myocardial perfusion imaging identifies patients with a survival benefit from early revascularization. European Heart Journal, 2020, 41, 759-768.	2.2	111
22	Drivers of radiation dose reduction with myocardial perfusion imaging: A large health system experience. Journal of Nuclear Cardiology, 2020, 27, 785-794.	2.1	8
23	Temporal trends in test utilization and prevalence of ischaemia with positron emission tomography myocardial perfusion imaging. European Heart Journal Cardiovascular Imaging, 2020, 21, 318-325.	1.2	7
24	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	5.3	21
25	Guidance and best practices for reestablishment of non-emergent care in nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: An information statement from ASNC, IAEA, and SNMMI. Journal of Nuclear Cardiology, 2020, 27, 1855-1862.	2.1	28
26	Guidance and Best Practices for Nuclear Cardiology Laboratories During the COVID-19 Pandemic. Circulation: Cardiovascular Imaging, 2020, 13, e011761.	2.6	7
27	Stress Myocardial Perfusion Imaging vs Coronary Computed Tomographic Angiography for Diagnosis of Invasive Vessel-Specific Coronary Physiology. JAMA Cardiology, 2020, 5, 1338.	6.1	55
28	Guidance and best practices for nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: An Information Statement from ASNC and SNMMI. Journal of Nuclear Cardiology, 2020, 27, 1022-1029.	2.1	56
29	Technetium pyrophosphate nuclear scintigraphy for cardiac amyloidosis: Imaging at 1 vs 3 hours and planar vs SPECT/CT. Journal of Nuclear Cardiology, 2020, 27, 1802-1807.	2.1	41
30	Voluntary collective isolation as a best response to COVID-19 for indigenous populations? A case study and protocol from the Bolivian Amazon. Lancet, The, 2020, 395, 1727-1734.	13.7	44
31	Cardiac PET reimbursement policy: Success when we come together. Journal of Nuclear Cardiology, 2020, 27, 345-347.	2.1	2
32	Minimally invasive bone biopsies of fully wrapped mummies guided by computed tomography and fibre-optic endoscopy: Methods and suggested guidelines. Journal of Archaeological Science: Reports, 2020, 31, 102363.	0.5	1
33	PET myocardial blood flow is now officially declared ready for prime time (and a little bit about how) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	2
34	Extent of Myocardial Ischemia on Positron Emission Tomography and Survival Benefit With EarlyÂRevascularization. Journal of the American College of Cardiology, 2019, 74, 1645-1654.	2.8	80
35	Atherosclerosis in 16th-Century Greenlandic Inuit Mummies. JAMA Network Open, 2019, 2, e1918270.	5.9	9
36	Striking a balance in the discussion of the benefits of imaging tests and risks of radiation exposure. Journal of Nuclear Cardiology, 2019, 26, 136-137.	2.1	1

#	Article	IF	Citations
37	Atherosclerosis: A Longue DurÃ©e Approach. Global Heart, 2019, 9, 239.	2.3	5
38	CT attenuation correction for thallium SPECT MPI and other benefits of multimodality imaging. Journal of Nuclear Cardiology, 2019, 26, 1596-1598.	2.1	6
39	Reduction of SPECT MPI Radiation Dose Using Contemporary Protocols and Technology. JACC: Cardiovascular Imaging, 2018, 11, 282-283.	5.3	18
40	Is coronary calcium scoring too late? Total body arterial calcium burden in patients without known CAD and normal MPI. Journal of Nuclear Cardiology, 2018, 25, 1990-1998.	2.1	19
41	Single Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging Guidelines: Instrumentation, Acquisition, Processing, and Interpretation. Journal of Nuclear Cardiology, 2018, 25, 1784-1846.	2.1	241
42	Prognosticating in the Very Elderly. Circulation: Cardiovascular Imaging, 2018, 11, e008062.	2.6	3
43	Evidence of aortic dissection and Marfan syndrome in a mummy from the Capuchin Catacombs of Palermo, Sicily. International Journal of Paleopathology, 2018, 22, 78-85.	1.4	5
44	The EXERRT trial: â€œEXErcise to Regadenoson in Recovery Trialâ€: A phase 3b, open-label, parallel group, randomized, multicenter study to assess regadenoson administration following an inadequate exercise stress test as compared to regadenoson without exercise for myocardial perfusion imaging using a SPECT protocol. Journal of Nuclear Cardiology, 2017, 24, 788-802.	2.1	17
45	Coronary atherosclerosis in indigenous South American Tsimane: a cross-sectional cohort study. Lancet, The, 2017, 389, 1730-1739.	13.7	264
46	Patient centered imaging and the dose of radiopharmaceuticals. Journal of Nuclear Cardiology, 2016, 23, 143-144.	2.1	4
47	Using advanced technology to reduce the dose of SPECT MPI radiation. Journal of Nuclear Cardiology, 2016, 23, 668-669.	2.1	1
48	Computed Tomography for Coronary Artery Calcification Scoring: Mammogram for the Heart. Progress in Cardiovascular Diseases, 2016, 58, 529-536.	3.1	15
49	The Tres Ventanas Mummies of <scp>P</scp>eru. Anatomical Record, 2015, 298, 1026-1035.	1.4	4
50	Fibromuscular Dysplasia Leading to Spontaneous Coronary Artery Dissection with Sudden Cardiac Arrest. Case Reports in Cardiology, 2015, 2015, 1-4.	0.2	1
51	More risk factors, less ischemia, and the relevance of MPI testing. Journal of Nuclear Cardiology, 2015, 22, 552-554.	2.1	21
52	Imaging in patients after cardiac transplantation and in patients with ventricular assist devices. Journal of Nuclear Cardiology, 2015, 22, 617-638.	2.1	6
53	I-123 MIBG Cardiac Imaging. Journal of Nuclear Cardiology, 2015, 22, 677-685.	2.1	17
54	The Orthopedic Diseases of Ancient Egypt. Anatomical Record, 2015, 298, 1036-1046.	1.4	15

#	Article	IF	Citations
55	123I-MIBG Imaging: Patient Preparation and Technologist's Role. Journal of Nuclear Medicine Technology, 2015, 43, 82-86.	0.8	6
56	Is atherosclerosis fundamental to human aging? Lessons from ancient mummies. Journal of Cardiology, 2014, 63, 329-334.	1.9	27
57	Atherosclerosis in mummified human remains from Vilnius, Lithuania (18thâ€“19th centuries AD): A computed tomographic investigation. American Journal of Human Biology, 2014, 26, 676-681.	1.6	13
58	Increased intrathoracic and hepatic visceral adipose tissue independently correlates with coronary artery calcification in asymptomatic patients. Journal of Nuclear Cardiology, 2014, 21, 880-889.	2.1	7
59	Effect of caffeine on SPECT myocardial perfusion imaging during regadenoson pharmacologic stress: a prospective, randomized, multicenter study. International Journal of Cardiovascular Imaging, 2014, 30, 979-989.	1.5	30
60	Genomic Correlates of Atherosclerosis in Ancient Humans. Global Heart, 2014, 9, 203.	2.3	20
61	Funerary Artifacts, Social Status, and Atherosclerosis in Ancient Peruvian Mummy Bundles. Global Heart, 2014, 9, 219.	2.3	9
62	Why Did Ancient People Have Atherosclerosis? From Autopsies to Computed Tomography to Potential Causes. Global Heart, 2014, 9, 229.	2.3	35
63	Atherosclerosis in Ancient and Modern Egyptians:The Horus Study. Global Heart, 2014, 9, 197.	2.3	21
64	Computed Tomographic Evidence of Atherosclerosis in the Mummified Remains of Humans From Around the World. Global Heart, 2014, 9, 187.	2.3	14
65	Atherosclerosis in ancient populations â€“ Authors' reply. Lancet, The, 2013, 382, 123-124.	13.7	1
66	Regadenoson pharmacologic stress for myocardial perfusion imaging: A three-way comparison between regadenoson administered at peak exercise, during walk recovery, or no-exercise. Journal of Nuclear Cardiology, 2013, 20, 214-221.	2.1	21
67	Association of Coronary Artery Calcification With Hepatic Steatosis in Asymptomatic Individuals. Mayo Clinic Proceedings, 2013, 88, 1259-1265.	3.0	49
68	Atherosclerotic cardiovascular disease in Egyptian women: 1570 BCEâ€“2011 CE. International Journal of Cardiology, 2013, 167, 570-574.	1.7	26
69	Atherosclerosis across 4000 years of human history: the Horus study of four ancient populations. Lancet, The, 2013, 381, 1211-1222.	13.7	306
70	Review of Radiation Reduction Strategies in Clinical Cardiovascular Imaging. Cardiology in Review, 2012, 20, 139-144.	1.4	8
71	Regadenoson stress in patients with asthma and COPD: A breath of fresh air. Journal of Nuclear Cardiology, 2012, 19, 647-648.	2.1	7
72	Role of Calcium Scoring in the Patient with a Normal SPECT. Current Cardiovascular Imaging Reports, 2012, 5, 173-178.	0.6	1

#	Article	IF	Citations
73	Atherosclerosis in Ancient Egyptian Mummies. JACC: Cardiovascular Imaging, 2011, 4, 315-327.	5.3	118
74	Effect of caffeine on SPECT myocardial perfusion imaging during regadenoson pharmacologic stress: Rationale and design of a prospective, randomized, multicenter study. Journal of Nuclear Cardiology, 2011, 18, 73-81.	2.1	16
75	Diagnostic and clinical benefit of combined coronary calcium and perfusion assessment in patients undergoing PET/CT myocardial perfusion stress imaging. Journal of Nuclear Cardiology, 2010, 17, 188-196.	2.1	60
76	Recommendations for reducing radiation exposure in myocardial perfusion imaging. Journal of Nuclear Cardiology, 2010, 17, 709-718.	2.1	276
77	Agreement of Visual Estimation of Coronary Artery Calcium From Low-Dose CT Attenuation Correction Scans in Hybrid PET/CT and SPECT/CT With Standard Agatston Score. Journal of the American College of Cardiology, 2010, 56, 1914-1921.	2.8	177
78	Something Old, Something Newâ€"Computed Tomography Studies of the Cardiovascular System in Ancient Egyptian Mummies. The American Heart Hospital Journal, 2010, 8, 10.	0.2	11
79	Computed Tomographic Assessment of Atherosclerosis in Ancient Egyptian Mummies. JAMA - Journal of the American Medical Association, 2009, 302, 2091.	7.4	75
80	The RegEx trial: a randomized, double-blind, placebo- and active-controlled pilot study combining regadenoson, a selective A2A adenosine agonist, with low-level exercise, in patients undergoing myocardial perfusion imaging. Journal of Nuclear Cardiology, 2009, 16, 63-72.	2.1	85
81	Diagnostic Accuracy of CT Coronary Angiography. Cardiology Clinics, 2009, 27, 563-571.	2.2	9
82	The problem of radiotracer abdominal activity in myocardial perfusion imaging studies. Journal of Nuclear Cardiology, 2008, 15, 159-161.	2.1	10
83	Radiation Dose to Patients From Cardiac Diagnostic Imaging. Circulation, 2007, 116, 1290-1305.	1.6	727
84	Issues regarding radiation dosage of cardiac nuclear and radiography procedures. Journal of Nuclear Cardiology, 2006, 13, 19-23.	2.1	108
85	Value of attenuation correction on ECG-gated SPECT myocardial perfusion imaging related to body mass index. Journal of Nuclear Cardiology, 2005, 12, 195-202.	2.1	95
86	Clinical utility of coronary calcium scoring after nonischemic myocardial perfusion imaging. Journal of Nuclear Cardiology, 2005, 12, 392-400.	2.1	53
87	Effect of chronic right ventricular apical pacing on left ventricular function. American Journal of Cardiology, 2005, 95, 771-773.	1.6	118
88	Relation of Anemia at Discharge to Survival After Acute Coronary Syndromes. American Journal of Cardiology, 2005, 96, 496-499.	1.6	43
89	Predictors of Quality-of-Life Benefit After Percutaneous Coronary Intervention. Circulation, 2004, 110, 3789-3794.	1.6	157
90	Diagnosis of Right Atrial Metastatic Melanoma by Transesophageal Echocardiographic-Guided Transvenous Biopsy. Mayo Clinic Proceedings, 1996, 71, 1167-1170.	3.0	35

#	Article	IF	Citations
91	Ninety-day follow-up of patients in the emergency department with chest pain who undergo initial single-photon emission computed tomographic perfusion scintigraphy with technetium 99m-labeled sestamibi. Journal of Nuclear Cardiology, 1996, 3, 308-311.	2.1	56
92	Improved Detection of Silent Cardiac Ischemia With a 12-Lead Portable Microprocessor-Driven Real-Time Time Electrocardiographic Monitor. Mayo Clinic Proceedings, 1995, 70, 434-442.	3.0	7
93	Technetium-99m sestamibi myocardial perfusion imaging in the emergency room evaluation of chest pain. Journal of the American College of Cardiology, 1994, 23, 1016-1022.	2.8	237
94	Quiescent left atrial myxoma. American Heart Journal, 1994, 127, 1629-1631.	2.7	22
95	Percutaneous transluminal coronary angioplasty in the elderly: Early and long-term results. Journal of the American College of Cardiology, 1991, 17, 1245-1250.	2.8	114
96	Right-to-Left Shunt Across a Patent Foramen Ovale Caused by Cardiac Tamponade: Diagnosis by Transesophageal Echocardiography. Mayo Clinic Proceedings, 1991, 66, 391-394.	3.0	29
97	Serial magnetic resonance imaging in patients following acute myocardial infarction. Magnetic Resonance Imaging, 1991, 9, 155-158.	1.8	14
98	Streptokinase Therapy for Extensive Venous Thromboses in a Patient With Severe Ulcerative Colitis. Mayo Clinic Proceedings, 1990, 65, 1144-1149.	3.0	11
99	Adriamycin cardiotoxicity and proton nuclear magnetic resonance relaxation properties. American Heart Journal, 1987, 113, 1444-1449.	2.7	29
100	Magnetic resonance imaging during acute myocardial infarction. American Journal of Cardiology, 1986, 57, 1059-1065.	1.6	56