Andrew J Einstein

List of Publications by Year
in descending order

176 papers	12,117 citations	38660 50 h-index	27345 106 g-index
181 all docs	181 docs citations	181 times ranked	10291 citing authors

#	Article	IF	Citations
1	Estimating Risk of Cancer Associated With Radiation Exposure From 64-Slice Computed Tomography Coronary Angiography. JAMA - Journal of the American Medical Association, 2007, 298, 317.	3.8	1,252
2	Exposure to Low-Dose Ionizing Radiation from Medical Imaging Procedures. New England Journal of Medicine, 2009, 361, 849-857.	13.9	1,175
3	ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 Appropriate Use Criteria for Cardiac Computed Tomography. Journal of the American College of Cardiology, 2010, 56, 1864-1894.	1.2	886
4	Radiation Dose to Patients From Cardiac Diagnostic Imaging. Circulation, 2007, 116, 1290-1305.	1.6	727
5	ASNC imaging guidelines for SPECT nuclear cardiology procedures: Stress, protocols, and tracers. Journal of Nuclear Cardiology, 2016, 23, 606-639.	1.4	458
6	Cardiac Involvement in Patients with Sarcoidosis. Chest, 2008, 133, 1426-1435.	0.4	361
7	Deep Learning for Prediction of Obstructive Disease From Fast Myocardial Perfusion SPECT. JACC: Cardiovascular Imaging, 2018, 11, 1654-1663.	2.3	246
8	Single Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging Guidelines: Instrumentation, Acquisition, Processing, and Interpretation. Journal of Nuclear Cardiology, 2018, 25, 1784-1846.	1.4	241
9	Pulmonary Arterial Hypertension: Noninvasive Detection with Phase-Contrast MR Imaging. Radiology, 2007, 243, 70-79.	3.6	212
10	Coronary Artery Calcification Screening. Archives of Internal Medicine, 2009, 169, 1188.	4.3	211
11	Effects of Radiation Exposure From Cardiac Imaging. Journal of the American College of Cardiology, 2012, 59, 553-565.	1.2	193
12	Quantity and Location of Aortic Valve Complex Calcification Predicts Severity and Location of Paravalvular Regurgitation and Frequency of Post-Dilation After Balloon-Expandable Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2014, 7, 885-894.	1.1	183
13	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.	1.2	177
14	Cumulative Exposure to Ionizing Radiation From Diagnostic and Therapeutic Cardiac Imaging Procedures. Journal of the American College of Cardiology, 2010, 56, 702-711.	1.2	166
15	Radiation Dose from Single-Heartbeat Coronary CT Angiography Performed with a 320â€“Detector Row Volume Scanner. Radiology, 2010, 254, 698-706.	3.6	155
16	Current worldwide nuclear cardiology practices and radiation exposure: results from the 65 country IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS). European Heart Journal, 2015, 36, 1689-1696.	1.0	155
17	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. Journal of Nuclear Cardiology, 2018, 25, 269-297.	1.4	151
18	Multiple Testing, Cumulative Radiation Dose, and Clinical Indications in Patients Undergoing Myocardial Perfusion Imaging. JAMA - Journal of the American Medical Association, 2010, 304, 2137.	3.8	148

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19	Aortic Annular Sizing Using a Novel 3-Dimensional Echocardiographic Method. Circulation: Cardiovascular Imaging, 2014, 7, 155-163.	1.3	144
20	Stress Thallium-201/Rest Technetium-99m Sequential Dual Isotope High-Speed Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2009, 2, 273-282.	2.3	138
21	Reduced isotope dose and imaging time with a high-efficiency CZT SPECT camera. Journal of Nuclear Cardiology, 2011, 18, 847-857.	1.4	135
22	International Impact of COVID-19 on the Diagnosis of Heart Disease. Journal of the American College of Cardiology, 2021, 77, 173-185.	1.2	130
23	Use of Medical Imaging Procedures With Ionizing Radiation in Children. JAMA Pediatrics, 2011, 165, 458-64.	3.6	124
24	Patient-Centered Imaging. Journal of the American College of Cardiology, 2014, 63, 1480-1489.	1.2	122
25	Deep Learning Analysis of Upright-Supine High-Efficiency SPECT Myocardial Perfusion Imaging for Prediction of Obstructive Coronary Artery Disease: A Multicenter Study. Journal of Nuclear Medicine, 2019, 60, 664-670.	2.8	113
26	Cardiac-Specific Conversion Factors to Estimate Radiation Effective Dose From Dose-Length Product in Computed Tomography. JACC: Cardiovascular Imaging, 2018, 11, 64-74.	2.3	111
27	Patient-centered imaging. Journal of Nuclear Cardiology, 2012, 19, 185-215.	1.4	106
28	Impact of Reduced Patient Life Expectancy on Potential Cancer Risks from Radiologic Imaging. Radiology, 2011, 261, 193-198.	3.6	101
29	Approaches to Enhancing Radiation Safety in Cardiovascular Imaging. Circulation, 2014, 130, 1730-1748.	1.6	101
30	International variation in radiation dose for computed tomography examinations: prospective cohort study. BMJ: British Medical Journal, 2019, 364, k4931.	2.4	98
31	PET Imaging May Provide a Novel Biomarker and Understanding of Right Ventricular Dysfunction in Patients With Idiopathic Pulmonary Arterial Hypertension. Circulation: Cardiovascular Imaging, 2011, 4, 641-647.	1.3	89
32	Relationship of Body Mass Index With Total Mortality, Cardiovascular Mortality, and Myocardial Infarction After Coronary Revascularization: Evidence From a Meta-analysis. Mayo Clinic Proceedings, 2014, 89, 1080-1100.	1.4	88
33	Comparison of Image Quality, Myocardial Perfusion, and Left Ventricular Function Between Standard Imaging and Single-Injection Ultra-Low-Dose Imaging Using a High-Efficiency SPECT Camera: The MILLISIEVERT Study. Journal of Nuclear Medicine, 2014, 55, 1430-1437.	2.8	87
34	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation inÂCardiovascular Imaging: BestÂPractices for Safety and Effectiveness. Journal of the American College of Cardiology, 2018, 71, e283-e351.	1.2	84
35	Standardization and Optimization of CT Protocols to Achieve LowÂDose. Journal of the American College of Radiology, 2014, 11, 271-278.	0.9	83
36	Influence of Sex on Risk Stratification With Stress Myocardial Perfusion Rb-82 Positron Emission Tomography. Journal of the American College of Cardiology, 2013, 62, 1866-1876.	1.2	80

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37	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	2.3	78
38	Self-Affinity and Lacunarity of Chromatin Texture in Benign and Malignant Breast Epithelial Cell Nuclei. Physical Review Letters, 1998, 80, 397-400.	2.9	75
39	Rationale and design of the REgistry of Fast Myocardial Perfusion Imaging with NExt generation SPECT (REFINE SPECT). Journal of Nuclear Cardiology, 2020, 27, 1010-1021.	1.4	74
40	5-Year Prognostic Value of QuantitativeÂVersus Visual MPI in SubtleÂPerfusionÂDefects. JACC: Cardiovascular Imaging, 2020, 13, 774-785.	2.3	70
41	Machine learning predicts per-vessel early coronary revascularization after fast myocardial perfusion SPECT: results from multicentre REFINE SPECT registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 549-559.	0.5	70
42	Epicardial Fat Volume in Patients With Left Ventricular Systolic Dysfunction. American Journal of Cardiology, 2011, 108, 397-401.	0.7	68
43	Ovarian dysplasia in epithelial inclusion cysts. A morphometric approach using neural networks. Cancer, 1995, 76, 1027-1034.	2.0	64
44	Cardiac imaging: does radiation matter?. European Heart Journal, 2012, 33, 573-578.	1.0	64
45	Radiation dose and cancer risk estimates in 16-slice computed tomography coronary angiography. Journal of Nuclear Cardiology, 2008, 15, 232-240.	1.4	62
46	State-of-the-art in CT hardware and scan modes for cardiovascular CT. Journal of Cardiovascular Computed Tomography, 2012, 6, 154-163.	0.7	62
47	Medical imaging: the radiation issue. Nature Reviews Cardiology, 2009, 6, 436-438.	6.1	61
48	Radiation Dose and Prognosis of Ultra-Low-Dose Stress-First Myocardial Perfusion SPECT in Patients with Chest Pain Using a High-Efficiency Camera. Journal of Nuclear Medicine, 2015, 56, 545-551.	2.8	57
49	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.	1.4	56
50	SPECT myocardial perfusion imaging in morbidly obese patients: Image quality, hemodynamic response to pharmacologic stress, and diagnostic and prognostic value. Journal of Nuclear Cardiology, 2006, 13, 202-209.	1.4	55
51	Diagnosing Transthyretin Cardiac Amyloidosis by Technetium Tc 99m Pyrophosphate. JACC: Cardiovascular Imaging, 2021, 14, 1221-1231.	2.3	52
52	Risk of Atrial Fibrillation With Use of Oral and Intravenous Bisphosphonates. American Journal of Cardiology, 2014, 113, 1815-1821.	0.7	50
53	Utility of 3D Printed Cardiac Models for Medical Student Education in Congenital Heart Disease: Across a Spectrum of Disease Severity. Pediatric Cardiology, 2019, 40, 1258-1265.	0.6	50
54	Differences in Repeating Patterns of Complex Fractionated Left Atrial Electrograms in Longstanding Persistent Atrial Fibrillation as Compared With Paroxysmal Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 470-477.	2.1	48

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55	CT Pulmonary Angiography: Increasingly Diagnosing Less Severe Pulmonary Emboli. PLoS ONE, 2013, 8, e65669.	1.1	47
56	Optimizing Cardiac CT Protocols for Comprehensive Acquisition Prior to Percutaneous MV and TV Repair/Replacement. JACC: Cardiovascular Imaging, 2020, 13, 836-850.	2.3	47
57	Radiation risk from coronary artery disease imaging: how do different diagnostic tests compare?. Heart, 2008, 94, 1519-1521.	1.2	46
58	Beyond the bombs: cancer risks of low-dose medical radiation. Lancet, The, 2012, 380, 455-457.	6.3	46
59	Radiation Safety in Nuclear Cardiologyâ€"Current Knowledge and Practice: Results From the 2011 American Society of Nuclear Cardiology Member Survey. JAMA Internal Medicine, 2013, 173, 1021.	2.6	44
60	Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 1091-1102.	2.3	44
61	New approaches to reduce radiation exposure. Trends in Cardiovascular Medicine, 2016, 26, 55-65.	2.3	39
62	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation inÂCardiovascular Imagingâ€"Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Dose-Sparing Methodologies, PatientÂandÂMedical Personnel Protection. Journal of the American College of Cardiology, 2018, 71, 2829-2855.	1.2	39
63	Effect of bismuth breast shielding on radiation dose and image quality in coronary CT angiography. Journal of Nuclear Cardiology, 2012, 19, 100-108.	1.4	38
64	Radiation dose management for pediatric cardiac computed tomography: a report from the Image Gently â€˜Have-A-Heartâ€™ campaign. Pediatric Radiology, 2018, 48, 5-20.	1.1	38
65	Prognostically safe stress-only single-photon emission computed tomography myocardial perfusion imaging guided by machine learning: report from REFINE SPECT. European Heart Journal Cardiovascular Imaging, 2021, 22, 705-714.	0.5	38
66	Estimating the Reduction in the Radiation Burden From Nuclear Cardiology Through Use of Stress-Only Imaging in the United States and Worldwide. JAMA Internal Medicine, 2016, 176, 269.	2.6	34
67	Very low intravenous contrast volume protocol for computed tomography angiography providing comprehensive cardiac and vascular assessment prior to transcatheter aortic valve replacement in patients with chronic kidney disease. Journal of Cardiovascular Computed Tomography, 2016, 10, 316-321.	0.7	33
68	Assessment of Use, Specificity, and Readability of Written Clinical Informed Consent Forms for Patients With Cancer Undergoing Radiotherapy. JAMA Oncology, 2019, 5, e190260.	3.4	33
69	Strategies for defining an optimal risk-benefit ratio for stress myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2011, 18, 385-392.	1.4	32
70	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. JACC: Cardiovascular Imaging, 2021, 14, 1787-1799.	2.3	32
71	Strategies for Primary Prevention of Coronary Heart Disease Based on Risk Stratification by the ACC/AHA Lipid Guidelines, ATP III Guidelines, Coronary Calcium Scoring, and C-Reactive Protein, and a Global Treat-All Strategy: A Comparative--Effectiveness Modeling Study. PLoS ONE, 2015, 10, e0138092.	1.1	32
72	Radiation Safety for the Cardiac Sonographer: Recommendations of the Radiation Safety Writing Group for the Council on Cardiovascular Sonography of the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 811-816.	1.2	31

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73	Practical determination of aortic valve calcium volume score on contrast-enhanced computed tomography prior to transcatheter aortic valve replacement and impact on paravalvular regurgitation: Elucidating optimal threshold cutoffs. Journal of Cardiovascular Computed Tomography, 2017, 11, 302-308.	0.7	31
74	Determinants of fluoroscopy time for invasive coronary angiography and percutaneous coronary intervention: Insights from the NCDR^{Â®}. Catheterization and Cardiovascular Interventions, 2013, 82, 1091-1105.	0.7	29
75	Meta-Analysis of Global Left Ventricular Function Comparing Multidetector Computed Tomography With Cardiac Magnetic Resonance Imaging. American Journal of Cardiology, 2014, 113, 731-738.	0.7	29
76	National trends in emergency room diagnosis of pulmonary embolism, 2001â€“2010: a cross-sectional study. Respiratory Research, 2015, 16, 44.	1.4	29
77	Nuclear cardiology practice and associated radiation doses in Europe: results of the IAEA Nuclear Cardiology Protocols Study (INCAPS) for the 27 European countries. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 718-728.	3.3	29
78	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.	1.4	28
79	Impact of Early Revascularization on Major Adverse Cardiovascular Events inÂRelation to Automatically QuantifiedÂIschemia. JACC: Cardiovascular Imaging, 2021, 14, 644-653.	2.3	28
80	Radiation Protection of Patients Undergoing Cardiac Computed Tomographic Angiography. JAMA - Journal of the American Medical Association, 2009, 301, 545.	3.8	27
81	Contemporary Cardiac SPECT Imagingâ€”Innovations and Best Practices: An Information Statement from the American Society of Nuclear Cardiology. Journal of Nuclear Cardiology, 2018, 25, 1847-1860.	1.4	27
82	Preprint manuscripts and servers in the era of coronavirus disease 2019. Journal of Evaluation in Clinical Practice, 2021, 27, 16-21.	0.9	26
83	Determining a minimum set of variables for machine learning cardiovascular event prediction: results from REFINE SPECT registry. Cardiovascular Research, 2022, 118, 2152-2164.	1.8	26
84	Development of Receptor for Advanced Glycation End Productsâ€“Directed Imaging of Atherosclerotic Plaque in a Murine Model of Spontaneous Atherosclerosis. Circulation: Cardiovascular Imaging, 2008, 1, 212-219.	1.3	24
85	Safety of coronary CT angiography and functional testing for stable chest pain in the PROMISE trial: A randomized comparison of test complications, incidental findings, and radiation dose. Journal of Cardiovascular Computed Tomography, 2017, 11, 373-382.	0.7	24
86	3D Printing and Heart Failure. JACC: Heart Failure, 2019, 7, 132-142.	1.9	24
87	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document onÂOptimal Use of Ionizing Radiation inÂCardiovascular Imagingâ€”Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and RadiationÂBiology. Journal of the American College of Cardiology, 2018, 71, 2811-2828.	1.2	23
88	Impact of train/test sample regimen on performance estimate stability of machine learning in cardiovascular imaging. Scientific Reports, 2021, 11, 14490.	1.6	23
89	Practical considerations for optimizing cardiac computed tomography protocols for comprehensive acquisition prior to transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2016, 10, 364-374.	0.7	22
90	A Novel Monoclonal Antibody for RAGE-Directed Imaging Identifies Accelerated Atherosclerosis in Diabetes. Journal of Nuclear Medicine, 2010, 51, 92-97.	2.8	21

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91	Patient radiation exposure tracking: Worldwide programs and needsâ€“â€“Results from the first IAEA survey. European Journal of Radiology, 2012, 81, e968-e976.	1.2	21
92	Increased Regional Epicardial Fat Volume Associated with Reversible Myocardial Ischemia in Patients with Suspected Coronary Artery Disease. Journal of Nuclear Cardiology, 2015, 22, 325-333.	1.4	21
93	Meta-Analysis of the Relation of Baseline Right Ventricular Function to Response to Cardiac Resynchronization Therapy. American Journal of Cardiology, 2016, 117, 1315-1321.	0.7	21
94	Transient ischaemic dilation and post-stress wall motion abnormality increase risk in patients with less than moderate ischaemia: analysis of the REFINE SPECT registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 567-575.	0.5	21
95	Diagnostic safety of a machine learning-based automatic patient selection algorithm for stress-only myocardial perfusion SPECT. Journal of Nuclear Cardiology, 2022, 29, 2295-2307.	1.4	21
96	Worldwide Disparities in Recovery of Cardiac Testing 1 Year Into COVID-19. Journal of the American College of Cardiology, 2022, 79, 2001-2017.	1.2	21
97	Breaking America's Dependence on Imported Molybdenum. JACC: Cardiovascular Imaging, 2009, 2, 369-371.	2.3	20
98	Tracking patient radiation exposure: Challenges to integrating nuclear medicine with other modalities. Journal of Nuclear Cardiology, 2012, 19, 895-900.	1.4	20
99	Estimating Effective Dose of Radiation From Pediatric Cardiac CT Angiography Using a 64-MDCT Scanner: New Conversion Factors Relating Dose-Length Product to Effective Dose. American Journal of Roentgenology, 2017, 208, 585-594.	1.0	20
100	Technology Insight: magnetic resonance angiography for the evaluation of patients with peripheral artery disease. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, 677-687.	3.3	19
101	Comparison of Image Quality and Radiation Dose of Coronary Computed Tomographic Angiography Between Conventional Helical Scanning and a Strategy Incorporating Sequential Scanning. American Journal of Cardiology, 2009, 104, 1343-1350.	0.7	19
102	Comparison of Radiation Dose and Image Quality of Triple-Rule-Out Computed Tomography Angiography Between Conventional Helical Scanning and a Strategy Incorporating Sequential Scanning. American Journal of Cardiology, 2011, 107, 1093-1098.	0.7	19
103	A comparison of coronary CTA and stress testing using high-efficiency SPECT MPI for the evaluation of chest pain in the emergency department. Journal of Nuclear Cardiology, 2014, 21, 305-318.	1.4	19
104	Comparison of Radiation Doses and Best-Practice Use for Myocardial Perfusion Imaging in US and Non-US Laboratories. JAMA Internal Medicine, 2016, 176, 266.	2.6	19
105	Myocardial perfusion imaging: Lessons learned and work to be doneâ€”update. Journal of Nuclear Cardiology, 2018, 25, 39-52.	1.4	19
106	Aminophylline shortage and current recommendations for reversal of vasodilator stress: An ASNC information statement endorsed by SCMR. Journal of Nuclear Cardiology, 2019, 26, 1007-1014.	1.4	17
107	Impact of COVID-19 on the imaging diagnosis of cardiac disease in Europe. Open Heart, 2021, 8, e001681.	0.9	17
108	Diagnostic reference levels and median doses for common clinical indications of CT: findings from an international registry. European Radiology, 2022, 32, 1971-1982.	2.3	17

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109	Multiple opportunities to reduce radiation dose from myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 649-651.	3.3	16
110	Role of Vasodilator Testing in Pulmonary Hypertension. Progress in Cardiovascular Diseases, 2016, 58, 425-433.	1.6	16
111	TAGâ€"Is It It?. Journal of the American College of Cardiology, 2013, 61, 1280-1282.	1.2	14
112	Opportunities for improvement on current nuclear cardiology practices and radiation exposure in Latin America: Findings from the 65-country IAEA Nuclear Cardiology Protocols cross-sectional Study (INCAPS). Journal of Nuclear Cardiology, 2017, 24, 851-859.	1.4	14
113	Impact of imaging approach on radiation dose and associated cancer risk in children undergoing cardiac catheterization. Catheterization and Cardiovascular Interventions, 2017, 89, 888-897.	0.7	14
114	Contemporary Cardiac SPECT Imagingâ€"Innovations and Best Practices: An Information Statement from the American Society of Nuclear Cardiology. Circulation: Cardiovascular Imaging, 2018, 11, e000020.	1.3	14
115	Comparison of the Effectiveness of Single-Component and Multicomponent Interventions for Reducing Radiation Doses in Patients Undergoing Computed Tomography. JAMA Internal Medicine, 2020, 180, 666.	2.6	14
116	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry. Computers in Biology and Medicine, 2022, 145, 105449.	3.9	14
117	The evolving practice of nuclear cardiology: Results from the 2011 ASNC member survey. Journal of Nuclear Cardiology, 2012, 19, 1170-1175.	1.4	13
118	Gender Differences in Radiation Dose FromÂNuclear Cardiology Studies AcrossÂtheÂWorld. JACC: Cardiovascular Imaging, 2016, 9, 376-384.	2.3	13
119	Radiation Dose Reduction in Coronary CTÂAngiography. JACC: Cardiovascular Imaging, 2015, 8, 897-899.	2.3	12
120	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imaging: Best Practices for Safety and Effectiveness. Catheterization and Cardiovascular Interventions, 2018, 92, E35-E97.	0.7	12
121	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.	0.4	12
122	Applications of computed tomography and magnetic resonance imaging in percutaneous ablation therapy for atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2009, 26, 47-57.	0.6	11
123	ASNC Announcement. Journal of Nuclear Cardiology, 2009, 16, 329.	1.4	11
124	Usefulness of Magnetic Resonance Imaging to Guide Referral for Pulmonary Valve Replacement in Repaired Tetralogy of Fallot. American Journal of Cardiology, 2014, 114, 1406-1411.	0.7	11
125	Mucosal Healing and the Risk of Ischemic Heart Disease or Atrial Fibrillation in Patients with Celiac Disease; A Population-Based Study. PLoS ONE, 2015, 10, e0117529.	1.1	11
126	Can Physicians Identify Inappropriate Nuclear Stress Tests?. Circulation: Cardiovascular Quality and Outcomes, 2015, 8, 23-29.	0.9	10

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127	Reduction of cardiac imaging tests during the COVID-19 pandemic: The case of Italy. Findings from the IAEA Non-invasive Cardiology Protocol Survey on COVID-19 (INCAPS COVID). International Journal of Cardiology, 2021, 341, 100-106.	0.8	10
128	Impact of COVID-19 on Diagnostic Cardiac Procedural Volume in Oceania: The IAEA Non-Invasive Cardiology Protocol Survey on COVID-19 (INCAPS COVID). Heart Lung and Circulation, 2021, 30, 1477-1486.	0.2	10
129	Worldwide Diagnostic Reference Levels for Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2021, 14, 657-665.	2.3	9
130	Worldwide Variation in the Use of Nuclear Cardiology Camera Technology, Reconstruction Software, and ImagingÂProtocols. JACC: Cardiovascular Imaging, 2021, 14, 1819-1828.	2.3	9
131	An Image Qualityâ€“informed Framework for CT Characterization. Radiology, 2022, 302, 380-389.	3.6	9
132	Nuclear Cardiology Practice in Asia: Analysis of Radiation Exposure and Best Practice for Myocardial Perfusion Imagingã€€â€• Results From the IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS) â€•. Circulation Journal, 2017, 81, 501-510.	0.7	8
133	ASNC Announcement. Journal of Nuclear Cardiology, 2009, 16, 161.	1.4	7
134	High Radiation Doses From SPECT Myocardial Perfusion Imaging in the United States. Circulation: Cardiovascular Imaging, 2018, 11, e008383.	1.3	7
135	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imagingâ€”Best Practices for Safety and Effectiveness, Part 1: Radiation Physics and Radiation Biology. Catheterization and Cardiovascular Interventions, 2018, 92, 203-221.	0.7	7
136	Cardiovascular CT in Cyanotic Congenital Heart Disease. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.4	7
137	Estimating cancer risk from 99mTc pyrophosphate imaging for transthyretin cardiac amyloidosis. Journal of Nuclear Cardiology, 2020, 27, 215-224.	1.4	7
138	Medical Radiation Exposure to the U.S. Population: The Turning Tide. Radiology, 2020, 295, 428-429.	3.6	7
139	Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification. Journal of Nuclear Medicine, 2021, 62, 1582-1590.	2.8	7
140	Mining Concepts for a COVID Interface Terminology for Annotation of EHRs. , 2020, , .		7
141	Machine learning to predict abnormal myocardial perfusion from pre-test features. Journal of Nuclear Cardiology, 2022, 29, 2393-2403.	1.4	7
142	2018 ACC/HRS/NASCI/SCAI/SCCT Expert Consensus Document on Optimal Use of Ionizing Radiation in Cardiovascular Imagingâ€”Best Practices for Safety and Effectiveness, Part 2: Radiological Equipment Operation, Doseâ€Sparing Methodologies, Patient and Medical Personnel Protection. Catheterization and Cardiovascular Interventions, 2018, 92, 222-246.	0.7	6
143	Inter-reader variability of SPECT MPI readings in low- and middle-income countries: Results from the IAEA-MPI Audit Project (I-MAP). Journal of Nuclear Cardiology, 2020, 27, 465-478.	1.4	6
144	Recommendations for risk stratified use of cardiac computed tomography for congenital heart disease during the COVID-19 pandemic. Journal of Cardiovascular Computed Tomography, 2020, 14, 291-293.	0.7	6

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145	Radiation risk from cardiac CT and nuclear cardiology: Addressing concerns with innovative solutions. Journal of Nuclear Cardiology, 2011, 18, 561.	1.4	5
146	Nuclear Cardiology Practices and Radiation Exposure in the Oceania Region: Results From the IAEA Nuclear Cardiology Protocols Study (INCAPS). Heart Lung and Circulation, 2017, 26, 25-34.	0.2	5
147	Sample size requirements for estimating effective dose from computed tomography using solid-state metal-oxide-semiconductor field-effect transistor dosimetry. Medical Physics, 2014, 41, 042102.	1.6	4
148	Pediatric coronary CTA using phenylephrine to lower heart rate. Journal of Cardiovascular Computed Tomography, 2016, 10, 339-340.	0.7	4
149	Nuclear Cardiology: Are We Using the Right Protocols and Tracers the Right Way?. American Journal of Cardiovascular Drugs, 2017, 17, 441-446.	1.0	4
150	Calibration and error analysis of metalâ€oxideâ€semiconductor fieldâ€effect transistor dosimeters for computed tomography radiation dosimetry. Medical Physics, 2017, 44, 6589-6602.	1.6	4
151	Coronary calcium scoring of CT attenuation correction scans: Automatic, manual, or visual?. Journal of Nuclear Cardiology, 2018, 25, 2144-2147.	1.4	4
152	Aminophylline shortage and current recommendations for reversal of vasodilator stress: an ASNC information statement endorsed by SCMR. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 87.	1.6	4
153	Reply to: CT and PET/CT Surveillance in Stage IIIA-D Melanoma Results in More False-Positive Than True-Positive Findings and Should Not be Routinely Recommended, by Nicholas Taylor et al.. Annals of Surgical Oncology, 2021, 28, 819-820.	0.7	4
154	Nuclear cardiology practices and radiation exposure in Africa: results from the IAEA Nuclear Cardiology Protocols Study (INCAPS). Cardiovascular Journal of Africa, 2017, 28, 229-234.	0.2	4
155	Biologic effects of radiation from cardiac imaging: New insights from proteomic and genomic analyses. Journal of Nuclear Cardiology, 2016, 23, 754-757.	1.4	3
156	Differences in Nephrotoxicity between Modes of Iodinated Contrast Material Administration in Patients Suspected of Having Coronary Artery Disease. Radiology, 2019, 292, 673-675.	3.6	2
157	High correlation between radiation dose estimates for 256â€slice CT obtained by highly parallelized hybrid Monte Carlo computation and solidâ€state metalâ€oxide semiconductor fieldâ€effect transistor measurements in physical anthropomorphic phantoms. Medical Physics, 2019, 46, 5216-5226.	1.6	2
158	The importance of SPECT cardiac reconstruction for accurate 99mTc-pyrophosphate interpretation in TTR amyloidosis. Journal of Nuclear Cardiology, 2022, 29, 1478-1480.	1.4	2
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