

# Juhani Knuuti

## List of Publications by Year in descending order

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678  
papers

174,710  
citations

1296

112  
h-index

52

406  
g-index

721  
all docs

721  
docs citations

721  
times ranked

101668  
citing authors

#	ARTICLE	IF	CITATIONS
1	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Heart Journal, 2016, 37, 2129-2200.	1.0	13,008
2	2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. European Heart Journal, 2018, 39, 119-177.	1.0	7,100
3	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	1.0	6,826
4	2013 ESH/ESC Guidelines for the management of arterial hypertension. European Heart Journal, 2013, 34, 2159-2219.	1.0	5,681
5	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Journal of Heart Failure, 2016, 18, 891-975.	2.9	5,272
6	European Guidelines on cardiovascular disease prevention in clinical practice (version 2012): The Fifth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of nine societies and by invited experts) * Developed with the special contribution of the European Association for Cardiovascular Prevention & Rehabilitation (EACPR). European Heart Journal, 2012, 33, 1635-1701.	1.0	5,247
7	ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2012: The Task Force for the Diagnosis and Treatment of Acute and Chronic Heart Failure 2012 of the European Society of Cardiology. Developed in collaboration with the Heart Failure Association (HFA) of the ESC. European Heart Journal, 2012, 33, 1787-1847.	1.0	5,233
8	2017 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2017, 38, 2739-2791.	1.0	5,142
9	ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. European Heart Journal, 2012, 33, 2569-2619.	1.0	5,034
10	2018 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2019, 40, 87-165.	1.0	4,537
11	2013 ESH/ESC Guidelines for the management of arterial hypertension. Journal of Hypertension, 2013, 31, 1281-1357.	0.3	4,251
12	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	1.0	4,210
13	2014 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2014, 35, 2541-2619.	1.0	4,141
14	2013 ESC guidelines on the management of stable coronary artery disease. European Heart Journal, 2013, 34, 2949-3003.	1.0	3,915
15	2014 ESC Guidelines on the diagnosis and treatment of aortic diseases. European Heart Journal, 2014, 35, 2873-2926.	1.0	3,549
16	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy. European Heart Journal, 2014, 35, 2733-2779.	1.0	3,469
17	Guidelines on the management of valvular heart disease (version 2012). European Heart Journal, 2012, 33, 2451-2496.	1.0	3,465
18	2012 focused update of the ESC Guidelines for the management of atrial fibrillation. European Heart Journal, 2012, 33, 2719-2747.	1.0	3,144

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19	ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation: The Task Force for the management of acute coronary syndromes (ACS) in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2011, 32, 2999-3054.	1.0	2,995
20	ESC/EAS Guidelines for the management of dyslipidaemias: The Task Force for the management of dyslipidaemias of the European Society of Cardiology (ESC) and the European Atherosclerosis Society (EAS). <i>European Heart Journal</i> , 2011, 32, 1769-1818.	1.0	2,767
21	Third Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2012, 126, 2020-2035.	1.6	2,722
22	Guidelines on myocardial revascularization: The Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). <i>European Heart Journal</i> , 2010, 31, 2501-2555.	1.0	2,649
23	Guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , 2008, 29, 2276-2315.	1.0	2,645
24	Third universal definition of myocardial infarction. <i>Nature Reviews Cardiology</i> , 2012, 9, 620-633.	6.1	2,615
25	2014 ESC Guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , 2014, 35, 3033-3080.	1.0	2,591
26	Third Universal Definition of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1581-1598.	1.2	2,558
27	Third universal definition of myocardial infarction. <i>European Heart Journal</i> , 2012, 33, 2551-2567.	1.0	2,447
28	2012 focused update of the ESC Guidelines for the management of atrial fibrillation. <i>Europace</i> , 2012, 14, 1385-1413.	0.7	2,319
29	ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2012. <i>European Journal of Heart Failure</i> , 2012, 14, 803-869.	2.9	2,307
30	2017 ESC Guidelines on the Diagnosis and Treatment of Peripheral Arterial Diseases, in collaboration with the European Society for Vascular Surgery (ESVS). <i>European Heart Journal</i> , 2018, 39, 763-816.	1.0	2,305
31	2017 ESC focused update on dual antiplatelet therapy in coronary artery disease developed in collaboration with EACTS. <i>European Heart Journal</i> , 2018, 39, 213-260.	1.0	2,246
32	2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , 2013, 34, 2281-2329.	1.0	2,176
33	2014 ESC/EACTS Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 517-592.	0.6	2,164
34	Consensus Nomenclature for in vivo Imaging of Reversibly Binding Radioligands. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1533-1539.	2.4	1,840
35	ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. <i>European Heart Journal</i> , 2013, 34, 3035-3087.	1.0	1,758
36	ESC Guidelines on the management of cardiovascular diseases during pregnancy: The Task Force on the Management of Cardiovascular Diseases during Pregnancy of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2011, 32, 3147-3197.	1.0	1,694

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37	2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy. <i>European Heart Journal</i> , 2018, 39, 3165-3241.	1.0	1,396
38	ESC Guidelines on the diagnosis and treatment of peripheral artery diseases: Document covering atherosclerotic disease of extracranial carotid and vertebral, mesenteric, renal, upper and lower extremity arteries * The Task Force on the Diagnosis and Treatment of Peripheral Artery Diseases of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2011, 32, 2851-2906.	1.0	1,394
39	Guidelines on the management of valvular heart disease (version 2012). <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, S1-S44.	0.6	1,313
40	2014 ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management. <i>European Heart Journal</i> , 2014, 35, 2383-2431.	1.0	1,253
41	2018 ESC Guidelines for the diagnosis and management of syncope. <i>European Heart Journal</i> , 2018, 39, 1883-1948.	1.0	1,200
42	2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy: The Task Force on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC). Developed in collaboration with the European Heart Rhythm Association (EHRA). <i>Europace</i> , 2013, 15, 1070-1118.	0.7	908
43	Editor's Choice " 2017 ESC Guidelines on the Diagnosis and Treatment of Peripheral Arterial Diseases, in collaboration with the European Society for Vascular Surgery (ESVS). <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 55, 305-368.	0.8	734
44	2017 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 616-664.	0.6	510
45	Anatomic Versus Physiologic Assessment of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1639-1653.	1.2	495
46	Cardiac computed tomography: indications, applications, limitations, and training requirements: Report of a Writing Group deployed by the Working Group Nuclear Cardiology and Cardiac CT of the European Society of Cardiology and the European Council of Nuclear Cardiology. <i>European Heart Journal</i> , 2008, 29, 531-556.	1.0	487
47	EANM/ESC procedural guidelines for myocardial perfusion imaging in nuclear cardiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 855-897.	3.3	467
48	ASNC imaging guidelines/SNMML procedure standard for positron emission tomography (PET) nuclear cardiology procedures. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 1187-1226.	1.4	450
49	Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2153-2167.	1.2	437
50	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , 2011, 32, 1316-1330.	1.0	427
51	Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, S1-S52.	0.6	405
52	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 4-90.	0.6	402
53	European Guidelines on cardiovascular disease prevention in clinical practice (version 2012). <i>European Journal of Preventive Cardiology</i> , 2012, 19, 585-667.	0.8	359
54	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>Blood Pressure</i> , 2013, 22, 193-278.	0.7	355

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55	Cardiac Positron Emission Tomography/Computed Tomography Imaging Accurately Detects Anatomically and Functionally Significant Coronary Artery Disease. <i>Circulation</i> , 2010, 122, 603-613.	1.6	341
56	2014 ESC/ESA Guidelines on non-cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2014, 31, 517-573.	0.7	335
57	Comparison of Coronary CT Angiography, SPECT, PET, and Hybrid Imaging for Diagnosis of Ischemic Heart Disease Determined by Fractional Flow Reserve. <i>JAMA Cardiology</i> , 2017, 2, 1100.	3.0	324
58	The performance of non-invasive tests to rule-in and rule-out significant coronary artery stenosis in patients with stable angina: a meta-analysis focused on post-test disease probability. <i>European Heart Journal</i> , 2018, 39, 3322-3330.	1.0	321
59	New ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management. <i>European Heart Journal</i> , 2014, 35, 2344-2345.	1.0	302
60	The appropriate and justified use of medical radiation in cardiovascular imaging: a position document of the ESC Associations of Cardiovascular Imaging, Percutaneous Cardiovascular Interventions and Electrophysiology. <i>European Heart Journal</i> , 2014, 35, 665-672.	1.0	301
61	Myocardial Triglyceride Content and Epicardial Fat Mass in Human Obesity: Relationship to Left Ventricular Function and Serum Free Fatty Acid Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4689-4695.	1.8	296
62	Revascularisation versus medical treatment in patients with stable coronary artery disease: network meta-analysis. <i>BMJ</i> , The, 2014, 348, g3859-g3859.	3.0	291
63	Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	286
64	Comparison of Coronary Computed Tomography Angiography, Fractional Flow Reserve, and Perfusion Imaging for Ischemia Diagnosis. <i>Journal of the American College of Cardiology</i> , 2019, 73, 161-173.	1.2	266
65	Glucose-free fatty acid cycle operates in human heart and skeletal muscle in vivo.. <i>Journal of Clinical Investigation</i> , 1992, 89, 1767-1774.	3.9	261
66	2017 ESC focused update on dual antiplatelet therapy in coronary artery disease developed in collaboration with EACTS. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 34-78.	0.6	261
67	Glucose Uptake and Perfusion in Subcutaneous and Visceral Adipose Tissue during Insulin Stimulation in Nonobese and Obese Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3902-3910.	1.8	259
68	Quantitative Assessment of Myocardial Perfusion in the Detection of Significant Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1464-1475.	1.2	253
69	2014 ESC/EACTS Guidelines on myocardial revascularization. <i>EuroIntervention</i> , 2015, 10, 1024-1094.	1.4	251
70	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ</i> , The, 2012, 344, e3485-e3485.	3.0	225
71	Trimetazidine, a Metabolic Modulator, Has Cardiac and Extracardiac Benefits in Idiopathic Dilated Cardiomyopathy. <i>Circulation</i> , 2008, 118, 1250-1258.	1.6	222
72	Effects of intracoronary injection of mononuclear bone marrow cells on left ventricular function, arrhythmia risk profile, and restenosis after thrombolytic therapy of acute myocardial infarction. <i>European Heart Journal</i> , 2008, 29, 2723-2732.	1.0	221

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73	Free Fatty Acid Depletion Acutely Decreases Cardiac Work and Efficiency in Cardiomyopathic Heart Failure. <i>Circulation</i> , 2006, 114, 2130-2137.	1.6	212
74	Myocardial efficiency during levosimendan infusion in congestive heart failure. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 68, 522-531.	2.3	206
75	Prospective Analysis of Accuracy of Positron Emission Tomography, Computed Tomography, and Endoscopic Ultrasonography in Staging of Adenocarcinoma of the Esophagus and the Esophagogastric Junction. <i>Annals of Surgical Oncology</i> , 2003, 10, 954-960.	0.7	206
76	Quantification of Absolute Myocardial Perfusion in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1546-1555.	1.2	206
77	Gender and Insulin Sensitivity in the Heart and in Skeletal Muscles: Studies Using Positron Emission Tomography. <i>Diabetes</i> , 1995, 44, 31-36.	0.3	203
78	I-123-mIBG myocardial imaging for assessment of risk for a major cardiac event in heart failure patients: insights from a retrospective European multicenter study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 535-546.	3.3	199
79	Early impairment of coronary flow reserve in young men with borderline hypertension. <i>Journal of the American College of Cardiology</i> , 1998, 32, 147-153.	1.2	195
80	Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2168-2182.	1.2	193
81	ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD – Summary. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 133-173.	0.9	173
82	Imaging techniques for the assessment of myocardial hibernation Report of a Study Group of the European Society of Cardiology. <i>European Heart Journal</i> , 2004, 25, 815-836.	1.0	170
83	Myocardial Energetics and Efficiency. <i>Circulation</i> , 2007, 115, 918-927.	1.6	168
84	Coronary Flow Reserve Is Impaired in Young Men With Familial Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 1996, 28, 1705-1711.	1.2	167
85	Hybrid cardiac imaging: SPECT/CT and PET/CT. A joint position statement by the European Association of Nuclear Medicine (EANM), the European Society of Cardiac Radiology (ESCR) and the European Council of Nuclear Cardiology (ECNC). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 201-212.	3.3	163
86	<sup>123</sup> I- <sup>123</sup> I-IBG Scintigraphy to Predict Inducibility of Ventricular Arrhythmias on Cardiac Electrophysiology Testing. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 131-140.	1.3	161
87	Coronary flow reserve: measurement with transthoracic Doppler echocardiography is reproducible and comparable with positron emission tomography. <i>Clinical Physiology</i> , 2001, 21, 114-122.	0.7	156
88	Clinical Value of Absolute Quantification of Myocardial Perfusion With <sup>15</sup> O-Water in Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 678-684.	1.3	156
89	Liver steatosis coexists with myocardial insulin resistance and coronary dysfunction in patients with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E282-E290.	1.8	149
90	Practical Instructions for the 2018 ESC Guidelines for the diagnosis and management of syncope. <i>European Heart Journal</i> , 2018, 39, e43-e80.	1.0	149

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91	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT angiOgraphy iN daily practice in 2017 (PROTECTION VI). European Heart Journal, 2018, 39, 3715-3723.	1.0	149
92	Rosiglitazone but Not Metformin Enhances Insulin- and Exercise-Stimulated Skeletal Muscle Glucose Uptake in Patients With Newly Diagnosed Type 2 Diabetes. Diabetes, 2002, 51, 3479-3485.	0.3	146
93	Evaluation of $^{18}\text{F}$ -Galacto-RGD for Imaging of Vascular Inflammation in Atherosclerotic Mice. Circulation: Cardiovascular Imaging, 2009, 2, 331-338.	1.3	145
94	Differential Effects of Rosiglitazone and Metformin on Adipose Tissue Distribution and Glucose Uptake in Type 2 Diabetic Subjects. Diabetes, 2003, 52, 283-290.	0.3	144
95	High intensity exercise decreases global brain glucose uptake in humans. Journal of Physiology, 2005, 568, 323-332.	1.3	144
96	Fatty Acid Metabolism in the Liver, Measured by Positron Emission Tomography, Is Increased in Obese Individuals. Gastroenterology, 2010, 139, 846-856.e6.	0.6	144
97	Quantification of Myocardial Blood Flow in Absolute Terms Using $^{82}\text{Rb}$ PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127.	2.3	144
98	Role of blood flow in regulating insulin-stimulated glucose uptake in humans. Studies using bradykinin, [ $^{15}\text{O}$ ]water, and [ $^{18}\text{F}$ ]fluoro-deoxy-glucose and positron emission tomography.. Journal of Clinical Investigation, 1996, 97, 1741-1747.	3.9	141
99	Multimodality imaging in patients with heart failure and preserved ejection fraction: an expert consensus document of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, e34-e61.	0.5	140
100	Impact of a decreasing pre-test probability on the performance of diagnostic tests for coronary artery disease. European Heart Journal Cardiovascular Imaging, 2019, 20, 1198-1207.	0.5	136
101	Local heating, but not indirect whole body heating, increases human skeletal muscle blood flow. Journal of Applied Physiology, 2011, 111, 818-824.	1.2	135
102	The Adrenergic-Fatty Acid Load in Heart Failure. Journal of the American College of Cardiology, 2009, 54, 1637-1646.	1.2	133
103	Performance of the new generation of whole-body PET/CT scanners: Discovery STE and Discovery VCT. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 1683-1692.	3.3	132
104	Pathophysiological Mechanisms of Chronic Reversible Left Ventricular Dysfunction due to Coronary Artery Disease (Hibernating Myocardium). Circulation, 1997, 96, 3205-3214.	1.6	132
105	Myocardial perfusion quantitation with $^{15}\text{O}$ -labelled water PET: high reproducibility of the new cardiac analysis software (Carimas <sup>®</sup> ). European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1594-1602.	3.3	131
106	Vascular Endothelial Growth Factor-B Acts as a Coronary Growth Factor in Transgenic Rats Without Inducing Angiogenesis, Vascular Leak, or Inflammation. Circulation, 2010, 122, 1725-1733.	1.6	129
107	$\text{VEGF}$ -induced vascular growth leads to metabolic reprogramming and ischemia resistance in the heart. EMBO Molecular Medicine, 2014, 6, 307-321.	3.3	127
108	PET myocardial perfusion and metabolism clinical imaging. Journal of Nuclear Cardiology, 2009, 16, 651.	1.4	125

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109	Adolescence Risk Factors Are Predictive of Coronary Artery Calcification at Middle Age. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1364-1370.	1.2	125
110	Comprehensive multi-modality imaging approach in arrhythmogenic cardiomyopathy—an expert consensus document of the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 237-253.	0.5	123
111	Cardiac computed tomography and myocardial perfusion scintigraphy for risk stratification in asymptomatic individuals without known cardiovascular disease: a position statement of the Working Group on Nuclear Cardiology and Cardiac CT of the European Society of Cardiology. <i>European Heart Journal</i> , 2011, 32, 1986-1993.	1.0	122
112	Glucose Uptake in the Chronically Dysfunctional but Viable Myocardium. <i>Circulation</i> , 1996, 93, 1658-1666.	1.6	121
113	The effects of cardiac resynchronization therapy on left ventricular function, myocardial energetics, and metabolic reserve in patients with dilated cardiomyopathy and heart failure. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1027-1033.	1.2	115
114	Insulin resistance of glucose uptake in skeletal muscle cannot be ameliorated by enhancing endothelium-dependent blood flow in obesity.. <i>Journal of Clinical Investigation</i> , 1998, 101, 1156-1162.	3.9	114
115	Enhanced oxygen extraction and reduced flow heterogeneity in exercising muscle in endurance-trained men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E1015-E1021.	1.8	113
116	Myocardial and skeletal muscle glucose uptake during exercise in humans. <i>Journal of Physiology</i> , 2002, 542, 403-412.	1.3	111
117	Adenoviral intramyocardial VEGF-D <sup>18</sup> N <sup>13</sup> C gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. <i>European Heart Journal</i> , 2017, 38, 2547-2555.	1.0	109
118	Effects of Low and High Plasma Concentrations of Dexmedetomidine on Myocardial Perfusion and Cardiac Function in Healthy Male Subjects. <i>Anesthesiology</i> , 2006, 105, 902-910.	1.3	108
119	Myocardial viability: Fluorine-18-deoxyglucose positron emission tomography in prediction of wall motion recovery after revascularization. <i>American Heart Journal</i> , 1994, 127, 785-796.	1.2	101
120	In Vivo Detection of Vascular Adhesion Protein-1 in Experimental Inflammation. <i>American Journal of Pathology</i> , 2000, 157, 463-471.	1.9	101
121	Contribution of Glucose Tolerance and Gender to Cardiac Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4472-4482.	1.8	101
122	Myocardial efficiency during calcium sensitization with levosimendan: A noninvasive study with positron emission tomography and echocardiography in healthy volunteers*. <i>Clinical Pharmacology and Therapeutics</i> , 1997, 61, 596-607.	2.3	100
123	Myocardial Oxygen Consumption Is Unchanged but Efficiency Is Reduced in Patients With Essential Hypertension and Left Ventricular Hypertrophy. <i>Circulation</i> , 1999, 100, 2425-2430.	1.6	100
124	Human adipose tissue glucose uptake determined using [ 18 F]-fluoro-deoxy-glucose ([ 18 F]FDG) and PET in combination with microdialysis. <i>Diabetologia</i> , 2001, 44, 2171-2179.	2.9	99
125	Increased Fat Mass Compensates for Insulin Resistance in Abdominal Obesity and Type 2 Diabetes: A Positron-Emitting Tomography Study. <i>Diabetes</i> , 2005, 54, 2720-2726.	0.3	99
126	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. <i>BMJ: British Medical Journal</i> , 2019, 365, l1945.	2.4	99



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127	In Vivo Low Density Lipoprotein Oxidation Relates to Coronary Reactivity in Young Men. <i>Journal of the American College of Cardiology</i> , 1997, 30, 97-102.	1.2	98
128	Coronary Flow Reserve in Young Men With Familial Combined Hyperlipidemia. <i>Circulation</i> , 1999, 99, 1678-1684.	1.6	98
129	Skeletal muscle blood flow and oxygen uptake at rest and during exercise in humans: a pet study with nitric oxide and cyclooxygenase inhibition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1510-H1517.	1.5	95
130	Multicentre multi-device hybrid imaging study of coronary artery disease: results from the EVAluation of INTEgrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 951-960.	0.5	95
131	Rosiglitazone Improves Myocardial Glucose Uptake in Patients With Type 2 Diabetes and Coronary Artery Disease: A 16-Week Randomized, Double-Blind, Placebo-Controlled Study. <i>Diabetes</i> , 2005, 54, 2787-2794.	0.3	92
132	Decreased Myocardial Free Fatty Acid Uptake in Patients With Idiopathic Dilated Cardiomyopathy: Evidence of Relationship With Insulin Resistance and Left Ventricular Dysfunction. <i>Journal of Cardiac Failure</i> , 2006, 12, 644-652.	0.7	92
133	Cardiac Imaging and Stress Testing Asymptomatic Athletes to Identify Those at Risk of Sudden Cardiac Death. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 993-1007.	2.3	90
134	Incorporating Coronary Calcification Into Pre-Test Assessment of the Likelihood of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2421-2432.	1.2	90
135	Lumped constant for [ <sup>18</sup> F]fluorodeoxyglucose in skeletal muscles of obese and nonobese humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E1122-E1130.	1.8	89
136	Exercise training improves biventricular oxidative metabolism and left ventricular efficiency in patients with dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2003, 41, 460-467.	1.2	89
137	American society of nuclear cardiology practice guidelines PET myocardial glucose metabolism and perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 543-556.	1.4	88
138	Enhancement of insulin-stimulated myocardial glucose uptake in patients with Type 2 diabetes treated with rosiglitazone. <i>Diabetic Medicine</i> , 2004, 21, 1280-1287.	1.2	87
139	Low STAT3 expression sensitizes to toxic effects of $\beta^2$ -adrenergic receptor stimulation in peripartum cardiomyopathy. <i>European Heart Journal</i> , 2017, 38, ehw086.	1.0	87
140	Muscle blood flow and flow heterogeneity during exercise studied with positron emission tomography in humans. <i>European Journal of Applied Physiology</i> , 2000, 83, 395-401.	1.2	86
141	Risks and benefits of cardiac imaging: an analysis of risks related to imaging for coronary artery disease. <i>European Heart Journal</i> , 2014, 35, 633-638.	1.0	82
142	Insulin Improves Myocardial Blood Flow in Patients With Type 2 Diabetes and Coronary Artery Disease. <i>Diabetes</i> , 2006, 55, 511-516.	0.3	80
143	Quantification of myocardial blood flow will reform the detection of CAD. <i>Journal of Nuclear Cardiology</i> , 2009, 16, 497-506.	1.4	80
144	Multimodality MR Imaging Assessment of Myocardial Viability: Combination of First-Pass and Late Contrast Enhancement to Wall Motion Dynamics and Comparison with FDG PETâ€™ Initial Experience. <i>Radiology</i> , 2000, 217, 729-736.	3.6	79

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