

Juhani Knuuti

List of Publications by Year in descending order

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Version: 2024-02-01

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	82Rb-PET MPQ: Do normal values exist?. Journal of Nuclear Cardiology, 2022, 29, 474-475.	1.4	3
2	Characterization of myocardial oxidative metabolism and myocardial external efficiency in high-risk alcohol cardiotoxicity and alcoholic cardiomyopathy via dynamic 11C-Acetate positron emission tomography. Journal of Nuclear Cardiology, 2022, 29, 278-288.	1.4	9
3	Prognostic implications of cardiac damage classification based on computed tomography in severe aortic stenosis. European Heart Journal Cardiovascular Imaging, 2022, 23, 578-585.	0.5	8
4	Stress myocardial blood flow and revascularization in chronic coronary artery disease. Journal of Nuclear Cardiology, 2022, 29, 1900-1902.	1.4	0
5	Quantitative myocardial perfusion response to adenosine and regadenoson in patients with suspected coronary artery disease. Journal of Nuclear Cardiology, 2022, 29, 24-36.	1.4	8
6	Factors for heterogeneous outcomes of angina and myocardial ischemia without obstructive coronary atherosclerosis. Journal of Internal Medicine, 2022, 291, 197-206.	2.7	3
7	Sex differences in left ventricular remodelling in patients with severe aortic valve stenosis. European Heart Journal Cardiovascular Imaging, 2022, 23, 781-789.	0.5	5
8	Standing time and daily proportion of sedentary time are associated with pain-related disability in a one-month accelerometer measurement in adults with overweight or obesity. Scandinavian Journal of Pain, 2022, 22, 317-324.	0.5	1
9	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
10	Association between cardiorespiratory fitness and metabolic health in overweight and obese adults. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.4	3
11	Comparison of Pretest Probability Models of Obstructive Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 173-175.	2.3	1
12	Exploiting Glutamine Consumption in Atherosclerotic Lesions by Positron Emission Tomography Tracer (2S,4R)-4-18F-Fluoroglutamine. Frontiers in Immunology, 2022, 13, 821423.	2.2	1
13	Coronary volume to left ventricular mass ratio in patients with diabetes mellitus. Journal of Cardiovascular Computed Tomography, 2022, 16, 319-326.	0.7	3
14	Improvement in quantitative myocardial perfusion metrics after revascularization in chronic coronary artery disease. European Heart Journal Cardiovascular Imaging, 2022, 23, 753-754.	0.5	2
15	AAV2-VEGF-B gene therapy failed to induce angiogenesis in ischemic porcine myocardium due to inflammatory responses. Gene Therapy, 2022, 29, 643-652.	2.3	7
16	Artificial Intelligence to Improve Risk Prediction with Nuclear Cardiac Studies. Current Cardiology Reports, 2022, 24, 307-316.	1.3	4
17	Classification of ischemia from myocardial polar maps in 15Oâ€H2O cardiac perfusion imaging using a convolutional neural network. Scientific Reports, 2022, 12, 2839.	1.6	5
18	Converging on the distribution profile of coronary artery disease. European Heart Journal Cardiovascular Imaging, 2022, , .	0.5	0

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19	Computed tomography angiography versus Agatston score for diagnosis of coronary artery disease in patients with stable chest pain: individual patient data meta-analysis of the international COME-CCT Consortium. <i>European Radiology</i> , 2022, 32, 5233-5245.	2.3	6
20	The Quantity of Epicardial Adipose Tissue in Patients Having Ablation for Atrial Fibrillation With and Without Heart Failure. <i>American Journal of Cardiology</i> , 2022, 172, 54-61.	0.7	3
21	Effects of reduced sedentary time on cardiometabolic health in adults with metabolic syndrome: A three-month randomized controlled trial. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 579-585.	0.6	7
22	Prognostic implications of staging cardiac remodeling in patients undergoing cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , 2022, 355, 65-71.	0.8	6
23	Oxidative metabolism and cardiac work in different heart failure phenotypes. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 338-339.	0.5	0
24	Detailed behaviour of endothelial wall shear stress across coronary lesions from non-invasive imaging with coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1708-1716.	0.5	3
25	Interaction between sex and left ventricular reverse remodeling and its association with outcomes after transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1973-1985.	0.2	2
26	Implications of the 2021 AHA/ACC/ASE/CHEST/SAEM/SCCT/SCMR Chest Pain Guideline for Cardiovascular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 912-926.	2.3	9
27	Comment on Association of guideline-directed medical therapy adherence with outcomes after fractional flow reserve-based deferral of revascularization. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 609-610.	1.4	1
28	Atherosclerotic plaque characteristics on quantitative coronary computed tomography angiography associated with ischemia on positron emission tomography in diabetic patients. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1639-1650.	0.2	0
29	Functional stress imaging to predict abnormal coronary fractional flow reserve: the PACIFIC 2 study. <i>European Heart Journal</i> , 2022, 43, 3118-3128.	1.0	26
30	Assessment of myocardial viability with [15O]water PET: A validation study in experimental myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1271-1280.	1.4	19
31	¹⁸ F-FDG positron emission tomography/computed tomography of cardiac implantable electronic device infections. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2992-3003.	1.4	13
32	Computed tomography coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE-HF 1C). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1083-1090.	0.5	9
33	Left ventricular myocardial work in the culprit vessel territory and impact on left ventricular remodelling in patients with ST-segment elevation myocardial infarction after primary percutaneous coronary intervention. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 339-347.	0.5	23
34	Impact of Coronavirus Disease 2019 (COVID-19) Outbreak on Acute Admissions at the Emergency and Cardiology Departments Across Europe. <i>American Journal of Medicine</i> , 2021, 134, 482-489.	0.6	53
35	Cardiac Sympathetic Innervation Imaging with PET Radiotracers. <i>Current Cardiology Reports</i> , 2021, 23, 4.	1.3	4
36	Global and segmental absolute stress myocardial blood flow in prediction of cardiac events: [15O] water positron emission tomography study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1434-1444.	3.3	7

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37	Validation of the European Society of Cardiology pre-test probability model for obstructive coronary artery disease. <i>European Heart Journal</i> , 2021, 42, 1401-1411.	1.0	33
38	Quantification of Myocardial Blood Flow by Machine Learning Analysis of Modified Dual Bolus MRI Examination. <i>Annals of Biomedical Engineering</i> , 2021, 49, 653-662.	1.3	2
39	First-in-Humans Study of ⁶⁸ Ga-DOTA-Siglec-9, a PET Ligand Targeting Vascular Adhesion Protein 1. <i>Journal of Nuclear Medicine</i> , 2021, 62, 577-583.	2.8	13
40	Positron emission tomography study of effects of two pressure-relieving support surfaces on pressure ulcer development. <i>Journal of Wound Care</i> , 2021, 30, 54-62.	0.5	2
41	Efficacy and tolerability of folate-aminopterin therapy in a rat focal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2021, 18, 30.	3.1	6
42	Assessing myocardial perfusion in suspected coronary artery disease: rationale and design of the second phase 3, open-label multi-center study of flurpiridaz (F-18) injection for positron emission tomography (PET) imaging. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1105-1116.	1.4	10
43	Non-Invasive Prediction of Site-Specific Coronary Atherosclerotic Plaque Progression using Lipidomics, Blood Flow, and LDL Transport Modeling. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1976.	1.3	14
44	Sex differences in coronary plaque changes assessed by serial computed tomography angiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2311-2321.	0.7	6
45	Global Left Ventricular Myocardial Work Efficiency and Long-Term Prognosis in Patients After ST-Segmentâ€Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012072.	1.3	33
46	Body Adiposity, But Not Elements of Objectively Measured Sedentary Behavior or Physical Activity, Is Associated With Circulating Liver Enzymes in Adults With Overweight and Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 655756.	1.5	5
47	Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer ⁶⁸ Ga-NODAGA-exendin-4. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E989-E998.	1.8	5
48	Quantitative PET Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1035-1037.	2.3	0
49	Cardiac perfusion by positron emission tomography. <i>Clinical Physiology and Functional Imaging</i> , 2021, 41, 385-400.	0.5	4
50	Influence of the Duration and Timing of Data Collection on Accelerometer-Measured Physical Activity, Sedentary Time and Associated Insulin Resistance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4950.	1.2	4
51	Selecting the right cohorts and endpoints for the validation of pre-test probability models for obstructive coronary artery disease. <i>European Heart Journal</i> , 2021, 42, 4402-4403.	1.0	0
52	Prognostic Implications of a Novel Algorithm to Grade Secondary Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1085-1095.	2.3	46
53	Machine learning in defining computed tomography-derived fractional flow reserve. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1007-1008.	0.5	3
54	Association between [68Ga]NODAGA-RGDyK uptake and dynamics of angiogenesis in a human cell-based 3D model. <i>Molecular Biology Reports</i> , 2021, 48, 5347-5353.	1.0	1

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55	Improving patient identification for advanced cardiac imaging through machine learning-integration of clinical and coronary CT angiography data. <i>International Journal of Cardiology</i> , 2021, 335, 130-136.	0.8	6
56	Coronary Computed Tomographic Angiography for Complete Assessment of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2021, 78, 713-736.	1.2	66
57	Standing is associated with insulin sensitivity in adults with metabolic syndrome. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 1255-1260.	0.6	6
58	Relationship of Endothelial Shear Stress with Plaque Features with Coronary CT Angiography and Vasodilating Capability with PET. <i>Radiology</i> , 2021, 300, 549-556.	3.6	13
59	Influence of Heart Rate on Image Quality and Radiation Dose Exposure in Coronary CT Angiography. <i>Radiology</i> , 2021, 300, 701-703.	3.6	6
60	Extensive and balanced reduction of myocardial blood flow in patients with suspected obstructive coronary artery disease: 15O-water PET study. <i>International Journal of Cardiology</i> , 2021, 338, 1-7.	0.8	7
61	Changes in Global Left Ventricular Myocardial Work Indices and Stunning Detection 3 Months After ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021, 157, 15-21.	0.7	10
62	Prevalence and Long-term Outcomes of Patients with Coronary Artery Ectasia Presenting with Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021, 156, 9-15.	0.7	19
63	Learning to Denoise Gated Cardiac PET Images Using Convolutional Neural Networks. <i>IEEE Access</i> , 2021, 9, 145886-145899.	2.6	3
64	Subclinical leaflet thrombosis after transcatheter aortic valve implantation: no association with left ventricular reverse remodeling at 1-year follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2021, , 1.	0.7	0
65	PET imaging in diabetic cardiomyopathy. , 2021, , .		0
66	A specific plasma lipid signature associated with high triglycerides and low HDL cholesterol identifies residual CAD risk in patients with chronic coronary syndrome. <i>Atherosclerosis</i> , 2021, 339, 1-11.	0.4	7
67	Evaluation of [68Ga]Ga-NODAGA-RGD for PET Imaging of Rat Autoimmune Myocarditis. <i>Frontiers in Medicine</i> , 2021, 8, 783596.	1.2	2
68	Association of Circulating Heme Oxygenase-1, Lipid Profile and Coronary Disease Phenotype in Patients with Chronic Coronary Syndrome. <i>Antioxidants</i> , 2021, 10, 2002.	2.2	2
69	Glucagon-like peptide-1 receptor expression after myocardial infarction: Imaging study using 68Ga-NODAGA-exendin-4 positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2386-2397.	1.4	12
70	How accurate is the accuracy?. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1967-1969.	1.4	3
71	Impact of scan quality on the diagnostic performance of CCTA, SPECT, and PET for diagnosing myocardial ischemia defined by fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 60-67.	0.7	6
72	68Ga-DOTA chelate, a novel imaging agent for assessment of myocardial perfusion and infarction detection in a rodent model. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 891-898.	1.4	10

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73	Software reproducibility of myocardial blood flow and flow reserve quantification in ischemic heart disease: A ¹³ N-ammonia PET study. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1225-1233.	1.4	14
74	Machine learning in the integration of simple variables for identifying patients with myocardial ischemia. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 147-155.	1.4	40
75	Adverse Plaque Characteristics Relate More Strongly With Hyperemic Fractional Flow Reserve and Instantaneous Wave-Free Ratio Than With Resting Instantaneous Wave-Free Ratio. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 746-756.	2.3	27
76	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. <i>European Heart Journal</i> , 2020, 41, 407-477.	1.0	4,210
77	Deep Learning in Quantitative PET Myocardial Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 180-182.	2.3	27
78	Anatomical and functional coronary imaging to predict long-term outcome in patients with suspected coronary artery disease: the EVINCI-outcome study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1273-1282.	0.5	40
79	Prognostic value of [¹⁵ O]H ₂ O positron emission tomography-derived global and regional myocardial perfusion. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 777-786.	0.5	54
80	The year in cardiology: imaging. <i>European Heart Journal</i> , 2020, 41, 739-747.	1.0	7
81	OUTSMART HF. <i>Circulation</i> , 2020, 141, 818-827.	1.6	19
82	Intolerance to aspirin in patients undergoing percutaneous coronary intervention in the setting of chronic coronary syndromes: perspectives from the ESC 2019 Chronic Coronary Syndromes guidelines. <i>European Heart Journal</i> , 2020, 41, 483-484.	1.0	2
83	Anti-ischæmic medication must be adapted to each patient's characteristics and preferences in patients with chronic coronary syndromes. <i>European Heart Journal</i> , 2020, 41, 480-481.	1.0	8
84	Pilot study of the multicentre DISCHARGE Trial: image quality and protocol adherence results of computed tomography and invasive coronary angiography. <i>European Radiology</i> , 2020, 30, 1997-2009.	2.3	3
85	Incremental prognostic value of hybrid [¹⁵ O]H ₂ O positron emission tomography-computed tomography: combining myocardial blood flow, coronary stenosis severity, and high-risk plaque morphology. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1105-1113.	0.5	14
86	From fallacies to reality: Focus on fractional flow reserve. <i>International Journal of Cardiology</i> , 2020, 319, 61.	0.8	0
87	Synthetic mRNA Encoding VEGF-A in Patients Undergoing Coronary Artery Bypass Grafting: Design of a Phase 2a Clinical Trial. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 464-472.	1.8	76
88	Phase-III Clinical Trial of Fluorine-18 Flurpiridaz Positron Emission Tomography for Evaluation of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 391-401.	1.2	69
89	GLOBAL LEFT VENTRICULAR MYOCARDIAL WORK EFFICIENCY AND LONG-TERM PROGNOSIS IN PATIENTS AFTER ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1754.	1.2	1
90	Simulation of atherosclerotic plaque growth using computational biomechanics and patient-specific data. <i>Scientific Reports</i> , 2020, 10, 17409.	1.6	22

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91	Radiosynthesis and preclinical evaluation of [68Ga]Ga-NOTA-folate for PET imaging of folate receptor β^2 -positive macrophages. <i>Scientific Reports</i> , 2020, 10, 13593.	1.6	10
92	Estimation of optimal number of gates in dual gated 18F-FDG cardiac PET. <i>Scientific Reports</i> , 2020, 10, 19362.	1.6	3
93	Both sedentary time and physical activity are associated with cardiometabolic health in overweight adults in a 1-month accelerometer measurement. <i>Scientific Reports</i> , 2020, 10, 20578.	1.6	26
94	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
95	ESC 2019 guidelines for the diagnosis and management of chronic coronary syndromes. <i>Herz</i> , 2020, 45, 409-420.	0.4	53
96	Health-related quality of life, angina type and coronary artery disease in patients with stable chest pain. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 140.	1.0	14
97	NEMA-2008 and In-Vivo Animal and Plant Imaging Performance of the Large FOV Preclinical Digital PET/CT System Discoverist 180. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 622-629.	2.7	15
98	15O-Water PET MPI: Current Status and Future Perspectives. <i>Seminars in Nuclear Medicine</i> , 2020, 50, 238-247.	2.5	19
99	Therapeutic Antibody Against Phosphorylcholine Preserves Coronary Function and Attenuates Vascular 18F-FDG Uptake in Atherosclerotic Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 360-373.	1.9	9
100	Impact of Clinical Characteristics and Statins on Coronary Plaque Progression by Serial Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009750.	1.3	37
101	Folate Receptor β^2 -Targeted PET Imaging of Macrophages in Autoimmune Myocarditis. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1643-1649.	2.8	31
102	Effects of dipeptidyl peptidase 4 inhibition on inflammation in atherosclerosis: A 18F-fluorodeoxyglucose study of a mouse model of atherosclerosis and type 2 diabetes. <i>Atherosclerosis</i> , 2020, 305, 64-72.	0.4	6
103	Comparison Between the Performance of Quantitative Flow Ratio and Perfusion Imaging for Diagnosing Myocardial Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1976-1985.	2.3	13
104	Myocardial tissue and metabolism characterization in men with alcohol consumption by cardiovascular magnetic resonance and 11C-acetate PET/CT. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 23.	1.6	7
105	Evaluation of image quality with four positron emitters and three preclinical PET/CT systems. <i>EJNMMI Research</i> , 2020, 10, 155.	1.1	12
106	Myocardial perfusion reserve of kidney transplant patients is well preserved. <i>EJNMMI Research</i> , 2020, 10, 9.	1.1	3
107	Guidelines in review: Comparison of ESC and AHA guidance for the diagnosis and management of infective endocarditis in adults. Are the differences clinically relevant? The European perspective. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 309-312.	1.4	7
108	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Heart Journal</i> , 2019, 40, 87-165.	1.0	4,537

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109	2018 ESC/EACTS Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 4-90.	0.6	402
110	Cardiac troponin elevations in marathon runners. Role of coronary atherosclerosis and skeletal muscle injury. The MaraCat Study. <i>International Journal of Cardiology</i> , 2019, 295, 25-28.	0.8	19
111	Cost-effectiveness analysis of stand-alone or combined non-invasive imaging tests for the diagnosis of stable coronary artery disease: results from the EVINCI study. <i>European Journal of Health Economics</i> , 2019, 20, 1437-1449.	1.4	23
112	Myocardial Blood Flow and Metabolic Rate of Oxygen Measurement in the Right and Left Ventricles at Rest and During Exercise Using 15O-Labeled Compounds and PET. <i>Frontiers in Physiology</i> , 2019, 10, 741.	1.3	4
113	Quantification of porcine myocardial perfusion with modified dual bolus MRI – a prospective study with a PET reference. <i>BMC Medical Imaging</i> , 2019, 19, 58.	1.4	4
114	The association of coronary lumen volume to left ventricle mass ratio with myocardial blood flow and fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 179-187.	0.7	17
115	Imaging in ESC clinical guidelines: chronic coronary syndromes. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1187-1197.	0.5	67
116	Characterization of functionally significant coronary artery disease by a coronary computed tomography angiography-based index: a comparison with positron emission tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 897-905.	0.5	18
117	Data on the impact of scan quality on the diagnostic performance of CCTA, SPECT, and PET for diagnosing myocardial ischemia defined by fractional flow reserve on a per vessel level. <i>Data in Brief</i> , 2019, 27, 104584.	0.5	0
118	Absolute Stress Myocardial Blood Flow After Coronary CT Angiography Guides Referral to Invasive Angiography. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2266-2267.	2.3	6
119	Safety Study of Single-Dose Intravenously Administered DOTA-Siglec-9 Peptide in Sprague Dawley Rats. <i>International Journal of Toxicology</i> , 2019, 38, 4-11.	0.6	1
120	Coronary calcium and mortality: expanding the range of fatal outcomes. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 383-384.	0.5	1
121	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
122	Primer in artificial intelligence in cardiovascular medicine. <i>Netherlands Heart Journal</i> , 2019, 27, 392-402.	0.3	44
123	Effects of short-term sprint interval and moderate-intensity continuous training on liver fat content, lipoprotein profile, and substrate uptake: a randomized trial. <i>Journal of Applied Physiology</i> , 2019, 126, 1756-1768.	1.2	11
124	Phase analysis of gated PET in the evaluation of mechanical ventricular synchrony: A narrative overview. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1904-1913.	1.4	15
125	NEMA NU 4-2008 and <i>in vivo</i> imaging performance of RAYCAN trans-PET/CT X5 small animal imaging system. <i>Physics in Medicine and Biology</i> , 2019, 64, 115014.	1.6	8
126	Impact of a decreasing pre-test probability on the performance of diagnostic tests for coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1198-1207.	0.5	136

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127	Molecular Imaging to Monitor Left Ventricular Remodeling in Heart Failure. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.4	3
128	Amyloid-Targeting PET Tracer [18F]Flutemetamol Accumulates in Atherosclerotic Plaques. <i>Molecules</i> , 2019, 24, 1072.	1.7	9
129	Machine Learning in the Evaluation of Myocardial Ischemia Through Nuclear Cardiology. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.4	17
130	Folate receptor-targeted positron emission tomography of experimental autoimmune encephalomyelitis in rats. <i>Journal of Neuroinflammation</i> , 2019, 16, 252.	3.1	10
131	Diagnostic value of longitudinal flow gradient for the presence of haemodynamically significant coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 21-30.	0.5	12
132	Impact of individualized segmentation on diagnostic performance of quantitative positron emission tomography for haemodynamically significant coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 525-532.	0.5	14
133	The Year in Cardiology 2018: imaging. <i>European Heart Journal</i> , 2019, 40, 508-517.	1.0	14
134	Free PAPP-A as a biomarker: heparin-induced release is not related to coronary atherosclerotic burden. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e155-e158.	1.4	0
135	Determinants of Myocardial Strain in Experimental Chronic Myocardial Infarction. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 568-578.	0.7	3
136	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
137	Hybrid coronary computed tomography angiography and positron emission tomography myocardial perfusion imaging in evaluation of recurrent symptoms after coronary artery bypass grafting. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1298-1304.	0.5	8
138	Noninvasive CT-based hemodynamic assessment of coronary lesions derived from fast computational analysis: a comparison against fractional flow reserve. <i>European Radiology</i> , 2019, 29, 2117-2126.	2.3	28
139	Increase of Glucose Uptake in Human Bone Marrow With Increasing Exercise Intensity. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 254-258.	1.0	4
140	Diagnostic Value of Transluminal Attenuation Gradient for the Presence of Ischemia as Defined by Fractional Flow Reserve and Quantitative Positron Emission Tomography. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 323-333.	2.3	19
141	Automated SPECT analysis compared with expert visual scoring for the detection of FFR-defined coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1091-1100.	3.3	16
142	Adventures in radiosynthesis of clinical grade [⁶⁸ Ga]Ga-DOTA-Siglec-9. <i>RSC Advances</i> , 2018, 8, 8051-8056.	1.7	5
143	Questions and Answers on Diagnosis and Management of Patients with Peripheral Arterial Diseases: A Companion Document of the 2017 ESC Guidelines for 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. 457-464.	0.8	16
144	Evaluation of coronary artery disease after computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 378-379.	0.5	1

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145	The year in cardiology 2017: imaging. <i>European Heart Journal</i> , 2018, 39, 275-285.	1.0	5
146	Impact of Revascularization on Absolute Myocardial Blood Flow as Assessed by Serial [¹⁵ O]H ₂ O Positron Emission Tomography Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007417.	1.3	41
147	Applicability and accuracy of pretest probability calculations implemented in the NICE clinical guideline for decision making about imaging in patients with chest pain of recent onset. <i>European Radiology</i> , 2018, 28, 4006-4017.	2.3	2
148	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
149	PET myocardial perfusion quantification: anatomy of a spreading functional technique. <i>Clinical and Translational Imaging</i> , 2018, 6, 47-60.	1.1	9
150	2018 ESC Guidelines for the diagnosis and management of syncope. <i>European Heart Journal</i> , 2018, 39, 1883-1948.	1.0	1,200
151	Evaluation of ⁶⁸ Ga-labeled peptide tracer for detection of gelatinase expression after myocardial infarction in rat. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1114-1123.	1.4	9
152	Protection of coronary circulation: Evaluation by PET perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 897-899.	1.4	0
153	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
154	2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. <i>European Heart Journal</i> , 2018, 39, 119-177.	1.0	7,100
155	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
156	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
157	Questions and answers on diagnosis and management of patients with Peripheral Arterial Diseases: a companion document of the 2017 ESC Guidelines for 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, e35-e41.	1.0	16
158	Short-term interval training alters brain glucose metabolism in subjects with insulin resistance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1828-1838.	2.4	21
159	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
160	SPECT but not PET remains as the working horse of the state of the art nuclear cardiac imaging laboratory: Con. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 198-202.	1.4	0
161	The Accuracy of Left Ventricular and Left Atrial Volumetry Using 64-Slice Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 754-759.	0.5	2
162	Evaluation of [⁶⁸ Ga]Ga-DOTA-TCTP-1 for the Detection of Metalloproteinase 2/9 Expression in Mouse Atherosclerotic Plaques. <i>Molecules</i> , 2018, 23, 3168.	1.7	13

#	ARTICLE	IF	CITATIONS
163	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). <i>European Heart Journal</i> , 2018, 39, 286-296.	1.0	44
164	The machine learning horizon in cardiac hybrid imaging. <i>European Journal of Hybrid Imaging</i> , 2018, 2, .	0.6	30
165	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
166	Positron Emission Tomography Imaging of Macrophages in Atherosclerosis with ¹⁸ F-GE-180, a Radiotracer for Translocator Protein (TSPO). <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.4	27
167	Aluminum fluoride-18 labeled folate enables in vivo detection of atherosclerotic plaque inflammation by positron emission tomography. <i>Scientific Reports</i> , 2018, 8, 9720.	1.6	39
168	15-O-water myocardial flow reserve PET and CT angiography by full hybrid PET/CT as a potential alternative to invasive angiography. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 2011-2022.	0.7	4
169	Muscle Free Fatty-Acid Uptake Associates to Mechanical Efficiency During Exercise in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 1171.	1.3	4
170	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018, 39, 3021-3104.	1.0	6,826
171	2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy. <i>European Heart Journal</i> , 2018, 39, 3165-3241.	1.0	1,396
172	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). <i>European Heart Journal</i> , 2018, 39, 3715-3723.	1.0	149
173	2017 ESC GUIDELINES ON THE DIAGNOSIS AND TREATMENT OF PERIPHERAL ARTERIAL DISEASES, IN COLLABORATION WITH THE EUROPEAN SOCIETY FOR VASCULAR SURGERY (ESVS). <i>Russian Journal of Cardiology</i> , 2018, , 164-221.	0.4	58
174	The year 2017 in cardiology: imaging. <i>Cardiologia Croatica</i> , 2018, 13, 110-126.	0.0	0
175	Non-invasive functional evaluation. , 2018, , 1343-1348.		0
176	Assessment of coronary artery disease: nuclear myocardial perfusion imaging in specific patient populations. , 2018, , 593-600.		0
177	Assessment of coronary artery disease: imaging-guided management and therapy. , 2018, , 585-589.		0
178	Integration of stress nuclear imaging in the diagnostic and management algorithms of stable coronary artery disease. , 2018, , 589-593.		0
179	Preoperative evaluation: non-invasive testing. , 2018, , 2646-2650.		0
180	Future potential. , 2018, , 608-612.		0

#	ARTICLE	IF	CITATIONS
181	Assessment of coronary artery disease: chronic stable angina. , 2018, , 582-585.		0
182	Low STAT3 expression sensitizes to toxic effects of Î²-adrenergic receptor stimulation in peripartum cardiomyopathy. European Heart Journal, 2017, 38, ehw086.	1.0	87
183	18F-FDG positron emission tomography/computed tomography in infective endocarditis. Journal of Nuclear Cardiology, 2017, 24, 195-206.	1.4	64
184	Comprehensive multi-modality imaging approach in arrhythmogenic cardiomyopathyâ€”an expert consensus document of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, 237-253.	0.5	123
185	Association Between Posterior Left Atrial Adipose Tissue Mass and Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	31
186	Effects of atorvastatin and diet interventions on atherosclerotic plaque inflammation and [18F]FDG uptake in Ldlr ^{-/-} /Apob mice. Atherosclerosis, 2017, 263, 369-376.	0.4	18
187	Coronary computed tomography angiography derived risk score in predicting cardiac events. Journal of Cardiovascular Computed Tomography, 2017, 11, 274-280.	0.7	8
188	PET imaging in heart failure: the role of new tracers. Heart Failure Reviews, 2017, 22, 501-511.	1.7	16
189	Adverse events while awaiting myocardial revascularization: a systematic review and meta-analysis. European Journal of Cardio-thoracic Surgery, 2017, 52, 206-217.	0.6	39
190	Prognostic Value of Coronary CT Angiography With Selective PET Perfusion Imaging in Coronary Artery Disease. JACC: Cardiovascular Imaging, 2017, 10, 1361-1370.	2.3	63
191	Long-Term Prognosis of Patients With Intramural Course of Coronary Arteries Assessed With CT Angiography. JACC: Cardiovascular Imaging, 2017, 10, 1451-1458.	2.3	17
192	Exercise Training Reduces Intrathoracic Fat Regardless of Defective Glucose Tolerance. Medicine and Science in Sports and Exercise, 2017, 49, 1313-1322.	0.2	25
193	Decreased insulinâ€”stimulated brown adipose tissue glucose uptake after shortâ€”term exercise training in healthy middleâ€”aged men. Diabetes, Obesity and Metabolism, 2017, 19, 1379-1388.	2.2	46
194	Two weeks of moderate-intensity continuous training, but not high-intensity interval training, increases insulin-stimulated intestinal glucose uptake. Journal of Applied Physiology, 2017, 122, 1188-1197.	1.2	17
195	2017 ESC/EACTS Guidelines for the management of valvular heart disease. European Journal of Cardio-thoracic Surgery, 2017, 52, 616-664.	0.6	510
196	Effects of linagliptin intervention on atherosclerotic plaque inflammation and 18F-FDG uptake in a mouse model of type 2 diabetes. Atherosclerosis, 2017, 263, e119-e120.	0.4	0
197	2017 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2017, 38, 2739-2791.	1.0	5,142
198	Adenoviral intramyocardial VEGF-D ¹ N ¹ C gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. European Heart Journal, 2017, 38, 2547-2555.	1.0	109

#	ARTICLE	IF	CITATIONS
199	Sprint interval training decreases left-ventricular glucose uptake compared to moderate-intensity continuous training in subjects with type 2 diabetes or prediabetes. <i>Scientific Reports</i> , 2017, 7, 10531.	1.6	10
200	Frequency and angiographic characteristics of coronary microvascular dysfunction in stable angina: a hybrid imaging study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1206-1213.	0.5	25
201	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
202	Positron emission tomography tracer [68GA]NODAGA-EXENDIN-4 detects glucagon-like peptide-1 receptor expression in mouse atherosclerotic vascular lesions. <i>Atherosclerosis</i> , 2017, 263, e55-e56.	0.4	1
203	Variability of radiation doses of cardiac diagnostic imaging tests: the RADIO-EVINCI study (RADiationDose subproject of the EVINCI study). <i>BMC Cardiovascular Disorders</i> , 2017, 17, 63.	0.7	21
204	Accuracy of echocardiographic area-length method in chronic myocardial infarction: comparison with cardiac CT in pigs. <i>Cardiovascular Ultrasound</i> , 2017, 15, 1.	0.5	12
205	Imaging of $\alpha_v\beta_3$ integrin expression in experimental myocardial ischemia with [68Ga]NODAGA-RGD positron emission tomography. <i>Journal of Translational Medicine</i> , 2017, 15, 144.	1.8	22
206	Computed tomography versus invasive coronary angiography: design and methods of the pragmatic randomised multicentre DISCHARGE trial. <i>European Radiology</i> , 2017, 27, 2957-2968.	2.3	33
207	18-kDa translocator protein ligand 18F-FEMPA: Biodistribution and uptake into atherosclerotic plaques in mice. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 862-871.	1.4	39
208	Intensity of 18F-FDG PET Uptake in Culture-Negative and Culture-Positive Cases of Chronic Osteomyelitis. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-9.	0.4	10
209	Comparison of 68Ga-DOTA-Siglec-9 and 18F-Fluorodeoxyribose-Siglec-9: Inflammation Imaging and Radiation Dosimetry. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.4	7
210	A Novel Positron Emission Tomography (PET) Approach to Monitor Cardiac Metabolic Pathway Remodeling in Response to Sunitinib Malate. <i>PLoS ONE</i> , 2017, 12, e0169964.	1.1	26
211	Systemic Dosing of Thymosin Beta 4 before and after Ischemia Does Not Attenuate Global Myocardial Ischemia-Reperfusion Injury in Pigs. <i>Frontiers in Pharmacology</i> , 2016, 7, 115.	1.6	8
212	ASNC imaging guidelines/SNMMI procedure standard for positron emission tomography (PET) nuclear cardiology procedures. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 1187-1226.	1.4	450
213	AdVEGF-B ₁₈₆ and AdVEGF-D ¹²⁵ induce angiogenesis and increase perfusion in porcine myocardium. <i>Heart</i> , 2016, 102, 1716-1720.	1.2	30
214	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Heart Journal</i> , 2016, 37, 2129-2200.	1.0	13,008
215	Multimodality Imaging in the Assessment of the Physiological Significance of Myocardial Bridging. <i>Current Cardiology Reports</i> , 2016, 18, 2.	1.3	8
216	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

#	ARTICLE	IF	CITATIONS
217	Elevated Glucose Oxidation, Reduced Insulin Secretion, and a Fatty Heart May Be Protective Adaptions in Ischemic CAD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2701-2710.	1.8	9
218	Nuclear cardiology practice and associated radiation doses in Europe: results of the IAEA Nuclear Cardiology Protocols Study (INCAPS) for the 27 European countries. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 718-728.	3.3	29
219	Influence of triple disease modifying anti-rheumatic drug therapy on carotid artery inflammation in drug-naive patients with recent onset of rheumatoid arthritis. <i>Rheumatology</i> , 2016, 55, 1777-1785.	0.9	10
220	Life-course risk factor levels and coronary artery calcification. The Cardiovascular Risk in Young Finns Study. <i>International Journal of Cardiology</i> , 2016, 225, 23-29.	0.8	17
221	Incidence of persistent renal dysfunction after contrast enhanced coronary CT angiography in patients with suspected coronary artery disease. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1567-1575.	0.7	11
222	Left ventricular vascular and metabolic adaptations to high intensity interval and moderate intensity continuous training: a randomized trial in healthy middle-aged men. <i>Journal of Physiology</i> , 2016, 594, 7127-7140.	1.3	21
223	2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. <i>European Journal of Heart Failure</i> , 2016, 18, 891-975.	2.9	5,272
224	The role of nuclear cardiac imaging in risk stratification of sudden cardiac death. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 1380-1398.	1.4	5
225	Intramyocardial Gene Therapy Directed to Hibernating Heart Muscle Using a Combination of Electromechanical Mapping and Positron Emission Tomography. <i>Human Gene Therapy</i> , 2016, 27, 830-834.	1.4	16
226	Leukocyte trafficking-associated vascular adhesion protein 1 is expressed and functionally active in atherosclerotic plaques. <i>Scientific Reports</i> , 2016, 6, 35089.	1.6	30
227	Evaluation of motion-correction methods for dual-gated cardiac positron emission tomography/computed tomography imaging. <i>Nuclear Medicine Communications</i> , 2016, 37, 956-968.	0.5	5
228	Type 2 diabetes enhances arterial uptake of choline in atherosclerotic mice: an imaging study with positron emission tomography tracer 18F-fluoromethylcholine. <i>Cardiovascular Diabetology</i> , 2016, 15, 26.	2.7	27
229	18F-Labeling of Mannan for Inflammation Research with Positron Emission Tomography. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 826-830.	1.3	11
230	Linear relation between spirometric volume and the motion of cardiac structures: MRI and clinical PET study. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 475-485.	1.4	5
231	Cardiac rehabilitation improves coronary endothelial function in patients with heart failure due to dilated cardiomyopathy: A positron emission tomography study. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 129-136.	0.8	20
232	Value of Coronary Computed Tomography Angiography in Tailoring Aspirin Therapy for Primary Prevention of Atherosclerotic Events in Patients at High Risk With Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2016, 117, 887-893.	0.7	15
233	Effect of levosimendan therapy on myocardial infarct size and left ventricular function after acute coronary occlusion. <i>Heart</i> , 2016, 102, 465-471.	1.2	7
234	Segmental quantitative myocardial perfusion with PET for the detection of significant coronary artery disease in patients with stable angina. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1522-1529.	3.3	18

#	ARTICLE	IF	CITATIONS
235	Effect of Coronary Atherosclerosis and Myocardial Ischemia on Plasma Levels of High-Sensitivity Troponin T and NT-proBNP in Patients With Stable Angina. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 757-764.	1.1	42
236	Two-Dimensional Speckle-Tracking during Dobutamine Stress Echocardiography in the Detection of Myocardial Ischemia in Patients with Suspected Coronary Artery Disease. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 470-479.e3.	1.2	55
237	Comparison of Somatostatin Receptor 2-Targeting PET Tracers in the Detection of Mouse Atherosclerotic Plaques. <i>Molecular Imaging and Biology</i> , 2016, 18, 99-108.	1.3	48
238	Myocardial glucose uptake in patients with the m.3243A→G mutation in mitochondrial DNA. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 67-74.	1.7	10
239	[¹⁸ F]FDG Accumulation in Early Coronary Atherosclerotic Lesions in Pigs. <i>PLoS ONE</i> , 2015, 10, e0131332.	1.1	5
240	Enabling [¹⁸ F]-bicyclo[6.1.0]nonyne for oligonucleotide conjugation for positron emission tomography applications: [¹⁸ F]-anti-microRNA-21 as an example. <i>Chemical Communications</i> , 2015, 51, 9821-9824.	2.2	16
241	Effect of spinal cord stimulation on myocardial perfusion reserve in patients with refractory angina pectoris. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 449-455.	0.5	21
242	Coronary heart disease risk factors, coronary artery calcification and epicardial fat volume in the Young Finns Study. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1256-1263.	0.5	21
243	The year 2014 in the <i>European Heart Journal - Cardiovascular Imaging</i> . Part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 712-718.	0.5	4
244	A New Integrated Clinical-Biohumoral Model to Predict Functionally Significant Coronary Artery Disease in Patients With Chronic Chest Pain. <i>Canadian Journal of Cardiology</i> , 2015, 31, 709-716.	0.8	19
245	Limitations of Chest Pain Categorization Models to Predict Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2015, 116, 504-507.	0.7	12
246	Dynamic perfusion CT: what is normal myocardial blood flow?. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 288-289.	0.5	3
247	2014 ESC/EACTS Guidelines on Myocardial Revascularization. <i>Revista Espanola De Cardiologia (English)</i> Tj ETQq1 1 0,784314 rgBT /O 0,4 26	1.0	26
248	Reporting nuclear cardiology: a joint position paper by the European Association of Nuclear Medicine (EANM) and the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 272-279.	0.5	26
249	Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	286
250	The Functional Effects of Intramural Course of Coronary Arteries and its Relation to Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 697-704.	2.3	48
251	Age-, Sex- and glucose-dependent correlation of plasma soluble vascular adhesion protein-1 concentration with cardiovascular risk factors and subclinical atherosclerosis. <i>Atherosclerosis</i> , 2015, 241, e153.	0.4	0
252	Perfusion imaging and coronary anatomy. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 966-7.	0.5	2

#	ARTICLE	IF	CITATIONS
253	Cardiac remodeling in a new pig model of chronic heart failure: Assessment of left ventricular functional, metabolic, and structural changes using PET, CT, and echocardiography. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 655-665.	1.4	19
254	Relative Flow Reserve Derived From Quantitative Perfusion Imaging May Not Outperform Stress Myocardial Blood Flow for Identification of Hemodynamically Significant Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	64
255	Optimizing FDG-PET/CT imaging of inflammation in atherosclerosis. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 480-482.	1.4	3
256	The year 2014 in the <i>European Heart Journal</i> – Cardiovascular Imaging: part II: Figure 1. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1180-1184.	0.5	2
257	C-11 acetate has excellent reproducibility for quantification of myocardial oxidative metabolism. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 500-506.	0.5	20
258	The radiation reduction methods in imaging need more attention. <i>European Heart Journal</i> , 2015, 36, 1649-1650.	1.0	2
259	2014 ESC/EACTS Guidelines on myocardial revascularization. <i>EuroIntervention</i> , 2015, 10, 1024-1094.	1.4	251
260	Autonomic PET-CT Imaging in Heart Failure. , 2015, , 255-262.		0
261	Hybrid imaging: combination of PET, SPECT, CT, and MRI. , 2015, , 89-98.		0
262	Combined anatomical and functional CT imaging for the detection of coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 106-107.	0.5	2
263	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
264	NACP 2014 and the Turku PET symposium: The interaction between therapy and imaging. <i>Acta Oncologica</i> , 2014, 53, 993-996.	0.8	2
265	Feasibility of experimental BT4C glioma models for somatostatin receptor 2-targeted therapies. <i>Acta Oncologica</i> , 2014, 53, 1125-1134.	0.8	5
266	CardioPulse Articles. <i>European Heart Journal</i> , 2014, 35, 599-604.	1.0	23
267	New ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management. <i>European Heart Journal</i> , 2014, 35, 2344-2345.	1.0	302
268	Comparison of clinical non-commercial tools for automated quantification of myocardial blood flow using oxygen-15-labelled water PET/CT. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 431-441.	0.5	44
269	Prognosis of non-obstructive coronary plaques with high-risk CT morphology. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 255-256.	0.5	2
270	CardioPulse Articles. <i>European Heart Journal</i> , 2014, 35, 2781-2788.	1.0	1

#	ARTICLE	IF	CITATIONS
271	2014 ESC/EACTS Guidelines on myocardial revascularization. European Journal of Cardio-thoracic Surgery, 2014, 46, 517-592.	0.6	2,164
272	2014 ESC/ESA Guidelines on non-cardiac surgery: cardiovascular assessment and management. European Heart Journal, 2014, 35, 2383-2431.	1.0	1,253
273	2014 ESC/ESA Guidelines on non-cardiac surgery. European Journal of Anaesthesiology, 2014, 31, 517-573.	0.7	335
274	ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD – Summary. Diabetes and Vascular Disease Research, 2014, 11, 133-173.	0.9	173
275	The year 2013 in the European Heart Journal - Cardiovascular Imaging: Part II. European Heart Journal Cardiovascular Imaging, 2014, 15, 837-841.	0.5	2
276	VE™O2peak, Myocardial Hypertrophy, and Myocardial Blood Flow in Endurance-Trained Men. Medicine and Science in Sports and Exercise, 2014, 46, 1498-1505.	0.2	11
277	Recent Developments in Imaging of Myocardial Angiotensin Receptors. Current Cardiovascular Imaging Reports, 2014, 7, 1.	0.4	0
278	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. European Heart Journal, 2014, 35, 665-672.	1.0	301
279	Absolute flow or myocardial flow reserve for the detection of significant coronary artery disease?. European Heart Journal Cardiovascular Imaging, 2014, 15, 659-665.	0.5	67
280	Organ-Specific Physiological Responses to Acute Physical Exercise and Long-Term Training in Humans. Physiology, 2014, 29, 421-436.	1.6	75
281	[¹⁸ F]Fluorodeoxyglucose Uptake in Atherosclerotic Plaques Is Associated With Reduced Coronary Flow Reserve in Mice. Journal of Ultrasound in Medicine, 2014, 33, 1941-1948.	0.8	1
282	Quantification of Myocardial Blood Flow in Absolute Terms Using 82Rb PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127.	2.3	144
283	VEGF-induced vascular growth leads to metabolic reprogramming and ischemia resistance in the heart. EMBO Molecular Medicine, 2014, 6, 307-321.	3.3	127
284	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy. European Heart Journal, 2014, 35, 2733-2779.	1.0	3,469
285	Dimeric [68Ga]DOTA-RGD Peptide Targeting $\alpha_v\beta_3$ Integrin Reveals Extracellular Matrix Alterations after Myocardial Infarction. Molecular Imaging and Biology, 2014, 16, 793-801.	1.3	26
286	2014 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2014, 35, 2541-2619.	1.0	4,141
287	2014 ESC Guidelines on the diagnosis and treatment of aortic diseases. European Heart Journal, 2014, 35, 2873-2926.	1.0	3,549
288	Circulating N-terminal brain natriuretic peptide and cardiac function in response to acute systemic hypoxia in healthy humans. Journal of Translational Medicine, 2014, 12, 189.	1.8	13

#	ARTICLE	IF	CITATIONS
289	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
290	Myocardial blood flow and its transit time, oxygen utilization, and efficiency of highly endurance-trained human heart. <i>Basic Research in Cardiology</i> , 2014, 109, 413.	2.5	33
291	Reply to "Letter to the editor: Deconstructing the dogma of sympathetic restraint and its role in the cardiovascular response to exercise". <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H464-H464.	1.5	0
292	The year 2013 in the <i>European Heart Journal - Cardiovascular Imaging</i> . Part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 730-735.	0.5	2
293	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
294	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
295	Pharmacological Activation of the Melanocortin System Limits Plaque Inflammation and Ameliorates Vascular Dysfunction in Atherosclerotic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1346-1354.	1.1	21
296	Vertebral bone marrow glucose uptake is inversely associated with bone marrow fat in diabetic and healthy pigs: [18F]FDG-PET and MRI study. <i>Bone</i> , 2014, 61, 33-38.	1.4	21
297	2013 ESC Guidelines on Cardiac Pacing and Cardiac Resynchronization Therapy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 58.	0.4	54
298	Using 5-deoxy-5-[18F]fluororibose to glycosylate peptides for positron emission tomography. <i>Nature Protocols</i> , 2014, 9, 138-145.	5.5	22
299	Capacity and Hypoxic Response of Subcutaneous Adipose Tissue Blood Flow in Humans. <i>Circulation Journal</i> , 2014, 78, 1501-1506.	0.7	18
300	Myocardial Blood Flow Heterogeneity In Highly Endurance-trained Athletes And Untrained Control Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 341.	0.2	1
301	Effect of nitric oxide synthase inhibition on the exchange of glucose and fatty acids in human skeletal muscle. <i>Nutrition and Metabolism</i> , 2013, 10, 43.	1.3	19
302	Validation of [18F]fluorodeoxyglucose and positron emission tomography (PET) for the measurement of intestinal metabolism in pigs, and evidence of intestinal insulin resistance in patients with morbid obesity. <i>Diabetologia</i> , 2013, 56, 893-900.	2.9	37
303	The year 2012 in the <i>European Heart Journal - Cardiovascular Imaging</i> . Part II. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 613-617.	0.5	4
304	Anatomic Versus Physiologic Assessment of Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1639-1653.	1.2	495
305	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
306	Computed tomographic coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE HF Project 1-C). <i>Trials</i> , 2013, 14, 443.	0.7	7

#	ARTICLE	IF	CITATIONS
307	Alternative Imaging Modalities in Ischemic Heart Failure (AIMI-HF) IMAGE HF Project I-A: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 218.	0.7	51
308	Hybrid CT angiography and quantitative 15O-water PET for assessment of coronary artery disease: comparison with quantitative coronary angiography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1894-1904.	3.3	32
309	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
310	Tissue specificity in fasting glucose utilization in slightly obese diabetic patients submitted to bariatric surgery. <i>Obesity</i> , 2013, 21, E175-81.	1.5	8
311	Pulmonary blood flow and its distribution in highly trained endurance athletes and healthy control subjects. <i>Journal of Applied Physiology</i> , 2013, 114, 329-334.	1.2	6
312	Guía de práctica clínica sobre el tratamiento de las valvulopatías (versión 2012). <i>Revista Espanola De Cardiologia</i> , 2013, 66, 131.e1-131.e42.	0.6	2
313	Actualización detallada de las guías de la ESC para el manejo de la fibrilación auricular de 2012. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 54.e1-54.e24.	0.6	14
314	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>Blood Pressure</i> , 2013, 22, 193-278.	0.7	355
315	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2013, 34, 2159-2219.	1.0	5,681
316	Combined functional and anatomical imaging for the detection and guiding the therapy of coronary artery disease. <i>European Heart Journal</i> , 2013, 34, 1954-1957.	1.0	3
317	2013 ESC guidelines on the management of stable coronary artery disease. <i>European Heart Journal</i> , 2013, 34, 2949-3003.	1.0	3,915
318	The association between coronary flow reserve and development of coronary calcifications: a follow-up study for 11 years in healthy young men. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 812-818.	0.5	6
319	The year 2012 in the <i>European Heart Journal - Cardiovascular Imaging</i> : Part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 509-514.	0.5	2
320	Is cardiac magnetic resonance imaging causing DNA damage?. <i>European Heart Journal</i> , 2013, 34, 2337-2339.	1.0	26
321	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
322	The bottleneck stent model for chronic myocardial ischemia and heart failure in pigs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1297-H1308.	1.5	30
323	Inhibition of β -adrenergic tone disturbs the distribution of blood flow in the exercising human limb. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H163-H172.	1.5	47
324	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>Journal of Hypertension</i> , 2013, 31, 1281-1357.	0.3	4,251

#	ARTICLE	IF	CITATIONS
325	Bone blood flow and metabolism in humans: Effect of muscular exercise and other physiological perturbations. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1068-1074.	3.1	38
326	2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. <i>European Heart Journal</i> , 2013, 34, 2281-2329.	1.0	2,176
327	Gene transfer using vavmin induces robust angiogenesis and increases ejection fraction in ischemic porcine myocardium. <i>European Heart Journal</i> , 2013, 34, 3678-3678.	1.0	0
328	Routine versus selective cardiac magnetic resonance in non-ischemic heart failure – OUTSMART-HF: study protocol for a randomized controlled trial (IMAGE-HF (heart failure) project 1-B). <i>Trials</i> , 2013, 14, 332.	0.7	5
329	Pravastatin-induced improvement in coronary reactivity and circulating ATP and ADP levels in young adults with type 1 diabetes. <i>Frontiers in Physiology</i> , 2012, 3, 338.	1.3	8
330	Effects of adenosine, exercise, and moderate acute hypoxia on energy substrate utilization of human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R385-R390.	0.9	33
331	Third Universal Definition of Myocardial Infarction. <i>Circulation</i> , 2012, 126, 2020-2035.	1.6	2,722
332	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. <i>European Heart Journal</i> , 2012, 33, 1787-1847.	1.0	5,233
333	Effects of Acute and One-Week Fatty Acid Lowering on Cardiac Function and Insulin Sensitivity in Relation with Myocardial and Muscle Fat and Adiponectin Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3277-3284.	1.8	26
334	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ, The</i> , 2012, 344, e3485-e3485.	3.0	225
335	ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. <i>European Heart Journal</i> , 2012, 33, 2569-2619.	1.0	5,034
336	Third universal definition of myocardial infarction. <i>European Heart Journal</i> , 2012, 33, 2551-2567.	1.0	2,447
337	Both BMI and Waist Circumference Are Associated with Coronary Vasoreactivity in Overweight and Obese Men. <i>Obesity Facts</i> , 2012, 5, 693-699.	1.6	7
338	Novel CT-based imaging markers for high-risk coronary plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 633-634.	0.5	4
339	Cardiac hybrid imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 51-60.	0.5	46
340	Cardiac imaging: does radiation matter?. <i>European Heart Journal</i> , 2012, 33, 573-578.	1.0	64
341	Resting coronary flow velocity in the functional evaluation of coronary artery stenosis: study on sequential use of computed tomography angiography and transthoracic Doppler echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 79-85.	0.5	6
342	Regulation of subcutaneous adipose tissue blood flow during exercise in humans. <i>Journal of Applied Physiology</i> , 2012, 112, 1059-1063.	1.2	44

#	ARTICLE	IF	CITATIONS
343	CMR versus SPECT for diagnosis of coronary heart disease. <i>Lancet</i> , The, 2012, 379, 2145.	6.3	7
344	Trimetazidine Reduces Endogenous Free Fatty Acid Oxidation and Improves Myocardial Efficiency in Obese Humans. <i>Cardiovascular Therapeutics</i> , 2012, 30, 333-341.	1.1	34
345	The effect of acute exercise with increasing workloads on inactive muscle blood flow and its heterogeneity in humans. <i>European Journal of Applied Physiology</i> , 2012, 112, 3503-3509.	1.2	20
346	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). <i>European Heart Journal</i> , 2012, 33, 1635-1701.	1.0	5,247
347	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) Tj ETQq1 1 0.784314 rgBT /Ovrd Prevention & Rehabilitation (EACPR). [Eur Heart J 2012;33:1635-1701. doi: 10.1093/eurheartj/ehs092]. <i>European Heart Journal</i> , 2012, 33, 2126-2126.	1.0	79
348	2012 focused update of the ESC Guidelines for the management of atrial fibrillation. <i>Europace</i> , 2012, 14, 1385-1413.	0.7	2,319
349	Guidelines on the management of valvular heart disease (version 2012). <i>European Heart Journal</i> , 2012, 33, 2451-2496.	1.0	3,465
350	Myocardial Perfusion by CT Versus Hybrid Imaging. <i>Cardiology Clinics</i> , 2012, 30, 135-146.	0.9	1
351	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
352	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
353	Evaluation of 68Ga-labeled tracers for PET imaging of myocardial perfusion in pigs. <i>Nuclear Medicine and Biology</i> , 2012, 39, 715-723.	0.3	20
354	Third universal definition of myocardial infarction. <i>Nature Reviews Cardiology</i> , 2012, 9, 620-633.	6.1	2,615
355	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
356	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
357	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
358	Third Universal Definition of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1581-1598.	1.2	2,558
359	F-18 fluorodeoxyglucose uptake and water-perfusible tissue fraction in assessment of myocardial viability. <i>Annals of Nuclear Medicine</i> , 2012, 26, 644-655.	1.2	13
360	PET: Is myocardial flow quantification a clinical reality?. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 1044-1059.	1.4	69

#	ARTICLE	IF	CITATIONS
361	Reply to Letter to the Editor (JNC-12-151-LE) regarding "PET: Is myocardial flow quantification a clinical reality?" Journal of Nuclear Cardiology, 2012, 19, 1245.	1.4	0
362	Guía de práctica clínica de la ESC sobre diagnóstico y tratamiento de la insuficiencia cardiaca aguda y crónica 2012. Revista Espanola De Cardiología, 2012, 65, 938.e1-938.e59.	0.6	31
363	Similar patterns of myocardial metabolism and perfusion in patients with type 2 diabetes and heart disease of ischaemic and non-ischaemic origin. Diabetologia, 2012, 55, 2494-2500.	2.9	6
364	2012 focused update of the ESC Guidelines for the management of atrial fibrillation. European Heart Journal, 2012, 33, 2719-2747.	1.0	3,144
365	Increasing Exercise Intensity Reduces Heterogeneity of Glucose Uptake in Human Skeletal Muscles. PLoS ONE, 2012, 7, e52191.	1.1	36
366	Cardiac Function, Perfusion, Metabolism, and Innervation following Autologous Stem Cell Therapy for Acute ST-Elevation Myocardial Infarction. A FINCELL-INSIGHT Sub-Study with PET and MRI. Frontiers in Physiology, 2012, 3, 6.	1.3	13
367	Advances in clinical application of quantitative myocardial perfusion imaging. Journal of Nuclear Cardiology, 2012, 19, 643-646.	1.4	8
368	Diet intervention reduces uptake of ^{18}F integrin-targeted PET tracer 18F-galacto-RGD in mouse atherosclerotic plaques. Journal of Nuclear Cardiology, 2012, 19, 775-784.	1.4	33
369	Novel electrophilic synthesis of 6-[^{18}F]fluorodopamine and comprehensive biological evaluation. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 800-810.	3.3	13
370	Cardiac PET, CT, and MR: What Are the Advantages of Hybrid Imaging?. Current Cardiology Reports, 2012, 14, 24-31.	1.3	19
371	Nuclear-Based Imaging: Description of Technology and Protocols. , 2012, , 63-70.		0
372	Experimental Pig Model of Old Myocardial Infarction with Long Survival Leading to Chronic Left Ventricular Dysfunction and Remodeling as Evaluated by PET. Journal of Nuclear Medicine, 2011, 52, 761-768.	2.8	29
373	Skeletal muscle blood flow and oxygen uptake at rest and during exercise in humans: a pet study with nitric oxide and cyclooxygenase inhibition. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1510-H1517.	1.5	95
374	Are Coronary Plaque Characteristics on Computed Tomography Angiography Associated With Myocardial Perfusion?. Journal of the American College of Cardiology, 2011, 58, 1817-1818.	1.2	2
375	Effects of Age, Diet, and Type 2 Diabetes on the Development and FDG Uptake of Atherosclerotic Plaques. JACC: Cardiovascular Imaging, 2011, 4, 1294-1301.	2.3	41
376	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). European Heart Journal, 2011, 32, 2999-3054.	1.0	2,995
377	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). European Heart Journal, 2011, 32, 3147-3197.	1.0	1,694
378	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). European Heart Journal, 2011, 32, 1769-1818.	1.0	2,767

#	ARTICLE	IF	CITATIONS
379	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
380	Guidelines on myocardial revascularization. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2011, 30, 951.	0.2	7
381	The Effect Of Nitric Oxide Synthase Inhibition On Exchange Of Glucose And Free Fatty Acids In Human Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 594-595.	0.2	1
382	Local heating, but not indirect whole body heating, increases human skeletal muscle blood flow. <i>Journal of Applied Physiology</i> , 2011, 111, 818-824.	1.2	135
383	Uptake of 68gallium in atherosclerotic plaques in LDLR-/ApoB100/100 mice. <i>EJNMMI Research</i> , 2011, 1, 14.	1.1	26
384	Cold Pressor Test Safety—The Incidence of Vasovagal Reactions. <i>American Journal of Cardiology</i> , 2011, 107, 492-493.	0.7	0
385	Relationship between obstructive coronary artery disease and abnormal stress testing in patients with paroxysmal or persistent atrial fibrillation. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 777-785.	0.7	24
386	Effects of intracoronary injection of autologous bone marrow-derived stem cells on natriuretic peptides and inflammatory markers in patients with acute ST-elevation myocardial infarction. <i>Clinical Research in Cardiology</i> , 2011, 100, 317-325.	1.5	8
387	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
388	Hybrid SPECT-CT and PET-CT: Current Concepts and Developments. <i>Current Cardiovascular Imaging Reports</i> , 2011, 4, 468-475.	0.4	1
389	Intrapericardial, But Not Extrapericardial, Fat Is an Independent Predictor of Impaired Hyperemic Coronary Perfusion in Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 211-218.	1.1	29
390	Clinical Value of Absolute Quantification of Myocardial Perfusion With ¹⁵ O-Water in Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 678-684.	1.3	156
391	Increased B-Type Natriuretic Peptide Concentration Is Associated with Reduced Coronary Vasoreactivity in Patients with Dilated Cardiomyopathy but Not in Healthy Young Subjects. <i>ISRN Cardiology</i> , 2011, 2011, 1-5.	1.6	0
392	The Effect of Revascularization of Atherosclerotic Renal Artery Stenosis on Coronary Flow Reserve and Peripheral Endothelial Function. <i>Nephron Clinical Practice</i> , 2011, 118, c241-c248.	2.3	23
393	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
394	Detection of Hypoxia by [¹⁸ F]EF5 in Atherosclerotic Plaques in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1011-1015.	1.1	36
395	Ionizing radiation risks of cardiac imaging: estimates of the immeasurable. <i>European Heart Journal</i> , 2011, 32, 269-271.	1.0	26
396	Metabolic remodelling in human heart failure. <i>Cardiovascular Research</i> , 2011, 90, 251-257.	1.8	68

#	ARTICLE	IF	CITATIONS
397	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
398	Human obesity is characterized by defective fat storage and enhanced muscle fatty acid oxidation, and trimetazidine gradually counteracts these abnormalities. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E105-E112.	1.8	26
399	Comparison of exogenous adenosine and voluntary exercise on human skeletal muscle perfusion and perfusion heterogeneity. <i>Journal of Applied Physiology</i> , 2010, 108, 378-386.	1.2	56
400	The Regulation Of Subcutaneous Adipose Tissue Blood Flow During Exercise In Humans. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 55.	0.2	0
401	Dual-gated cardiac PET—Clinical feasibility study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 505-516.	3.3	63
402	Dual gated PET/CT imaging of small targets of the heart: Method description and testing with a dynamic heart phantom. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 71-84.	1.4	24
403	ICA Based Automatic Segmentation of Dynamic <math>H_{2}^{15}O</math> Cardiac PET Images. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010, 14, 795-802.	3.6	19
404	Perfusion heterogeneity does not explain excess muscle oxygen uptake during variable intensity exercise. <i>Clinical Physiology and Functional Imaging</i> , 2010, 30, 241-249.	0.5	7
405	Determinants of functional recovery after myocardial infarction of patients treated with bone marrow-derived stem cells after thrombolytic therapy. <i>Heart</i> , 2010, 96, 362-367.	1.2	43
406	Vascular Endothelial Growth Factor-B Acts as a Coronary Growth Factor in Transgenic Rats Without Inducing Angiogenesis, Vascular Leak, or Inflammation. <i>Circulation</i> , 2010, 122, 1725-1733.	1.6	129
407	Uptake of ¹¹ C-Choline in Mouse Atherosclerotic Plaques. <i>Journal of Nuclear Medicine</i> , 2010, 51, 798-802.	2.8	53
408	Guidelines on myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, S1-S52.	0.6	405
409	Regulation of human skeletal muscle perfusion and its heterogeneity during exercise in moderate hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R72-R79.	0.9	53
410	Fatty Acid Metabolism in the Liver, Measured by Positron Emission Tomography, Is Increased in Obese Individuals. <i>Gastroenterology</i> , 2010, 139, 846-856.e6.	0.6	144
411	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
412	Effects of intracoronary infusion of bone marrow-derived stem cells on pulmonary artery pressure and diastolic function after myocardial infarction. <i>International Journal of Cardiology</i> , 2010, 145, 631-633.	0.8	12
413	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
414	Hybrid Imaging: PET—CT and SPECT—CT. , 2010, , 89-99.		5

#	ARTICLE	IF	CITATIONS
415	Assessment of Myocardial Viability with Positron Emission Tomography. , 2010, , 608-621.		1
416	Cardiopulmonary involvement in Fabry's disease. Acta Cardiologica, 2010, 65, 185-192.	0.3	14
417	Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia (ARVC/D). , 2010, , 473-483.		0
418	The Effect Of Acute Exercise With Increasing Intensities On Inactive Muscle Blood Flow And Its Heterogeneity. Medicine and Science in Sports and Exercise, 2010, 42, 45.	0.2	0
419	Evaluation of ^{18}F -Galacto-RGD for Imaging of Vascular Inflammation in Atherosclerotic Mice. Circulation: Cardiovascular Imaging, 2009, 2, 331-338.	1.3	145
420	Prevalence of Coronary Artery Disease Assessed by Multislice Computed Tomography Coronary Angiography in Patients With Paroxysmal or Persistent Atrial Fibrillation. Circulation: Cardiovascular Imaging, 2009, 2, 100-106.	1.3	61
421	Integrated positron emission tomography/computed tomography (PET/CT) in coronary disease. Heart, 2009, 95, 1457-1463.	1.2	17
422	Response to Letter Regarding Article, "Trimetazidine, a Metabolic Modulator, Has Cardiac and Extracardiac Benefits in Idiopathic Dilated Cardiomyopathy". Circulation, 2009, 119, .	1.6	1
423	Contribution of Glucose Tolerance and Gender to Cardiac Adiposity. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4472-4482.	1.8	101
424	The Pro12Ala polymorphism of the PPAR β gene is associated with hepatic glucose uptake during hyperinsulinemia in subjects with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2009, 58, 541-546.	1.5	8
425	Effect of Caloric Restriction on Myocardial Fatty Acid Uptake, Left Ventricular Mass, and Cardiac Work in Obese Adults. American Journal of Cardiology, 2009, 103, 1721-1726.	0.7	70
426	Fractal scaling properties of heart rate dynamics and myocardial efficiency in dilated cardiomyopathy. Clinical Research in Cardiology, 2009, 98, 725-730.	1.5	5
427	Comparison of current density viability imaging at rest with FDG-PET in patients after myocardial infarction. Computerized Medical Imaging and Graphics, 2009, 33, 1-6.	3.5	4
428	PET myocardial perfusion and metabolism clinical imaging. Journal of Nuclear Cardiology, 2009, 16, 651.	1.4	125
429	Quantification of myocardial blood flow will reform the detection of CAD. Journal of Nuclear Cardiology, 2009, 16, 497-506.	1.4	80
430	Imaging of vulnerable plaque: Potential breakthrough or pipe dream?. Current Cardiovascular Imaging Reports, 2009, 2, 167-175.	0.4	1
431	Uptake of inflammatory cell marker [11C]PK11195 into mouse atherosclerotic plaques. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 73-80.	3.3	48
432	Non-invasive diagnosis of acute mesenteric ischaemia using PET. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1338-1345.	3.3	6

#	ARTICLE	IF	CITATIONS
433	Non-invasive estimation of hepatic glucose uptake from [18F]FDG PET images using tissue-derived input functions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 2014-2026.	3.3	23
434	Myocardial perfusion quantitation with 15O-labelled water PET: high reproducibility of the new cardiac analysis software (Carimas [®]). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1594-1602.	3.3	131
435	The effect of right ventricular pacing on myocardial oxidative metabolism and efficiency: relation with left ventricular dyssynchrony. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 2042-2048.	3.3	7
436	68Ga-DOTA-RGD peptide: biodistribution and binding into atherosclerotic plaques in mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 2058-2067.	3.3	57
437	Low radiation dose imaging of myocardial perfusion and coronary angiography with a hybrid PET/CT scanner. <i>Clinical Physiology and Functional Imaging</i> , 2009, 29, 81-88.	0.5	43
438	Synthesis, 68Ga labeling and preliminary evaluation of DOTA peptide binding vascular adhesion protein-1: a potential PET imaging agent for diagnosing osteomyelitis. <i>Nuclear Medicine and Biology</i> , 2009, 36, 631-641.	0.3	40
439	The Adrenergic-Fatty Acid Load in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1637-1646.	1.2	133
440	Increased basal myocardial perfusion in patients with chronic kidney disease without symptomatic coronary artery disease. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2773-2779.	0.4	25
441	Cardiovascular Drug Development Using Radiopharmaceuticals. <i>Current Pharmaceutical Design</i> , 2009, 15, 935-942.	0.9	2
442	The Effect Of Adenosine, Hypoxia, And Exercise On Local Skeletal Muscle Blood Flow And Metabolism In Humans. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 49.	0.2	0
443	Twenty-four-month Î±-galactosidase A replacement therapy in Fabry disease has only minimal effects on symptoms and cardiovascular parameters. <i>Journal of Inherited Metabolic Disease</i> , 2008, 31, 432-441.	1.7	40
444	Cardiac hybrid imaging with low radiation dose. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 743-744.	1.4	3
445	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
446	Should we use more PET-CT in clinical cardiology?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 887-888.	3.3	3
447	Non-invasive estimation of hepatic blood perfusion from H2 15O PET images using tissue-derived arterial and portal input functions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1899-1911.	3.3	29
448	Present and future of clinical cardiovascular PET imaging in Europe—a position statement by the European Council of Nuclear Cardiology (ECNC). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1709-1724.	3.3	42
449	Myocardial fatty acid metabolism and cardiac performance in heart failure. <i>Current Cardiology Reports</i> , 2008, 10, 142-148.	1.3	37
450	Cardiac neuronal imaging: Application in the evaluation of cardiac disease. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 442-455.	1.4	53

#	ARTICLE	IF	CITATIONS
451	Guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , 2008, 29, 2276-2315.	1.0	2,645
452	Myocardial blood flow and adenosine A _{2A} receptor density in endurance athletes and untrained men. <i>Journal of Physiology</i> , 2008, 586, 5193-5202.	1.3	32
453	Severe coronary artery stenoses and reduced coronary flow velocity reserve in atherosclerotic mouse model. <i>Atherosclerosis</i> , 2008, 200, 89-94.	0.4	15
454	Trimetazidine, a Metabolic Modulator, Has Cardiac and Extracardiac Benefits in Idiopathic Dilated Cardiomyopathy. <i>Circulation</i> , 2008, 118, 1250-1258.	1.6	222
455	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
456	Effects of CRT on myocardial innervation, perfusion and metabolism. <i>Europace</i> , 2008, 10, iii114-iii117.	0.7	8
457	Correction of Respiratory Motion in Dual Gated Cardiac Imaging in PET/CT. , 2008, , .		4
458	Spirometry based respiratory gating method for cardiac PET and MRI imaging. , 2008, , .		8
459	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
460	Amino-acid-based peritoneal dialysis solution improves amino-acid transport into skeletal muscle. <i>Kidney International</i> , 2008, 73, S131-S136.	2.6	22
461	The lowering of hepatic fatty acid uptake improves liver function and insulin sensitivity without affecting hepatic fat content in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E413-E419.	1.8	38
462	Positron emission tomography and molecular imaging. <i>Heart</i> , 2008, 94, 360-367.	1.2	66
463	¹²³ I- <i>m</i> IBC Scintigraphy to Predict Inducibility of Ventricular Arrhythmias on Cardiac Electrophysiology Testing. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 131-140.	1.3	161
464	Pancreatic Glucose Uptake in Vivoin Men with Newly Diagnosed Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1909-1914.	1.8	8
465	Recommendations or mere prose?: reply. <i>European Heart Journal</i> , 2008, 29, 1473-1474.	1.0	0
466	Abstract 5820: The Clinical Value of Absolute Quantification of Myocardial Perfusion in The Detection of Coronary Artery Disease. A Study Using Positron Emission Tomography to Detect Multi-vessel Disease. <i>Circulation</i> , 2008, 118, .	1.6	4
467	Myocardial perfusion during exercise in endurance-trained and untrained humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R837-R843.	0.9	35
468	Improvement of myocardial blood flow by lipid-lowering therapy with pravastatin is modulated by apolipoprotein E genotype. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2007, 67, 723-734.	0.6	10

#	ARTICLE	IF	CITATIONS
469	Dual gating method for eliminating motion-related inaccuracies in cardiac PET. , 2007, , .		5
470	A moving heart phantom for dual gated cardiac PET/CT studies. , 2007, , .		5
471	Response to Letters Regarding Article, "Free Fatty Acid Depletion Acutely Decreases Cardiac Work and Efficiency in Cardiomyopathic Heart Failure". Circulation, 2007, 115, .	1.6	0
472	Myocardial Energetics and Efficiency. Circulation, 2007, 115, 918-927.	1.6	168
473	Coronary artery flow velocity profile measured by transthoracic Doppler echocardiography predicts myocardial viability after acute myocardial infarction. Heart, 2007, 93, 456-457.	1.2	27
474	Diagnostic and clinical perspectives of fusion imaging in cardiology: is the total greater than the sum of its parts?. Heart, 2007, 93, 16-22.	1.2	32
475	Role of adenosine in regulating the heterogeneity of skeletal muscle blood flow during exercise in humans. Journal of Applied Physiology, 2007, 103, 2042-2048.	1.2	54
476	High plasma levels of CD40 are associated with low coenzyme Q and vitamin E content of low-density lipoprotein in healthy men. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 115-122.	0.6	10
477	Angiotensin-converting enzyme gene polymorphism and coronary reactivity in young men. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 596-603.	0.6	1
478	Low serum adiponectin is associated with high circulating oxidized low-density lipoprotein in patients with type 2 diabetes mellitus and coronary artery disease. Metabolism: Clinical and Experimental, 2007, 56, 881-886.	1.5	58
479	Quantification of Liver Glucose Metabolism by Positron Emission Tomography: Validation Study in Pigs. Gastroenterology, 2007, 132, 531-542.	0.6	61
480	Imaging of the Failing Heart. Scandinavian Journal of Surgery, 2007, 96, 96-101.	1.3	1
481	Alignment of 3-dimensional cardiac structures in O-15-labeled water PET emission images with mutual information. Journal of Nuclear Cardiology, 2007, 14, 82-91.	1.4	5
482	Myocardial perfusion, oxidative metabolism, and free fatty acid uptake in patients with hypertrophic cardiomyopathy attributable to the Asp175Asn mutation in the β -tropomyosin gene: A positron emission tomography study. Journal of Nuclear Cardiology, 2007, 14, 354-365.	1.4	35
483	Increased physical activity decreases hepatic free fatty acid uptake: a study in human monozygotic twins. Journal of Physiology, 2007, 578, 347-358.	1.3	50
484	Consensus Nomenclature for in vivo Imaging of Reversibly Binding Radioligands. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1533-1539.	2.4	1,840
485	Cardiac MRI: accuracy of simultaneous measurement of left and right ventricular parameters using three different sequences. Clinical Physiology and Functional Imaging, 2007, 27, 385-393.	0.5	24
486	Effect of Estradiol-Drospirenone Hormone Treatment on Myocardial Perfusion Reserve in Postmenopausal Women With Angina Pectoris. American Journal of Cardiology, 2007, 99, 1648-1652.	0.7	27

#	ARTICLE	IF	CITATIONS
487	Coronary reactivity, homocysteine and methylenetetrahydrofolate reductase gene variation in young men during pravastatin therapy. <i>Vascular Pharmacology</i> , 2007, 47, 113-117.	1.0	8
488	Simultaneous evaluation of myocardial blood flow, cardiac function and lung water content using [15O]H2O and positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 563-572.	3.3	7
489	Performance of the new generation of whole-body PET/CT scanners: Discovery STE and Discovery VCT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1683-1692.	3.3	132
490	PET Imaging of Heart and Skeletal Muscle. , 2007, , 319-324.		1
491	Biodistribution of the fatty acid analogue 18F-FTHA: plasma and tissue partitioning between lipid pools during fasting and hyperinsulinemia. <i>Journal of Nuclear Medicine</i> , 2007, 48, 455-62.	2.8	21
492	Genetic variant of the SREBF-1 gene is significantly related to cholesterol synthesis in man. <i>Atherosclerosis</i> , 2006, 185, 206-209.	0.4	32
493	The influence of hepatic lipase C-480T polymorphism on coronary flow reserve in young men is independent of the plasma cholesterol level. <i>Atherosclerosis</i> , 2006, 188, 391-397.	0.4	7
494	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
495	Positive family history of coronary artery disease is associated with reduced myocardial vasoreactivity in healthy men. <i>International Journal of Cardiology</i> , 2006, 112, 289-294.	0.8	2
496	[11C]palmitate kinetics across the splanchnic bed in arterial, portal and hepatic venous plasma during fasting and euglycemic hyperinsulinemia. <i>Nuclear Medicine and Biology</i> , 2006, 33, 521-528.	0.3	18
497	Relationship between local perfusion and FFA uptake in human skeletal muscle—no effect of increased physical activity and aerobic fitness. <i>Journal of Applied Physiology</i> , 2006, 101, 1303-1311.	1.2	17
498	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
499	The association between muscle EMG and perfusion in knee extensor muscles. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 99-105.	0.5	11
500	The effect of 12-month enzyme replacement therapy on myocardial perfusion in patients with Fabry disease. <i>Journal of Inherited Metabolic Disease</i> , 2006, 29, 112-118.	1.7	68
501	Effect of pravastatin on plasma sterols and oxysterols in men. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 9-14.	0.8	29
502	Non-specific binding of [18F]FDG to calcifications in atherosclerotic plaques: experimental study of mouse and human arteries. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 1461-1467.	3.3	40
503	The future of cardiovascular imaging and non-invasive diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 955-959.	3.3	1
504	The regulatory background of nuclear cardiology in Europe: a survey by the European Council of Nuclear Cardiology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 1508-1512.	3.3	9

#	ARTICLE	IF	CITATIONS
505	Comparison of MRI and positron emission tomography for measuring myocardial perfusion reserve in healthy humans. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 772-779.	1.9	56
506	Free Fatty Acid Depletion Acutely Decreases Cardiac Work and Efficiency in Cardiomyopathic Heart Failure. <i>Circulation</i> , 2006, 114, 2130-2137.	1.6	212
507	The future of cardiovascular imaging and non-invasive diagnosis: A joint statement from the European Association of Echocardiography, the Working Groups on Cardiovascular Magnetic Resonance, Computers in Cardiology, and Nuclear Cardiology of the European Society of Cardiology, the European Association of Nuclear Medicine and the Association for European Paediatric Cardiology.	2.3	13
508	The future of cardiovascular imaging and non-invasive diagnosis: A joint statement from the European Association of Echocardiography, the Working Groups on Cardiovascular Magnetic Resonance, Computers in Cardiology, and Nuclear Cardiology, of the European Society of Cardiology, the European Association of Nuclear Medicine, and the Association for European Paediatric Cardiology. <i>European Heart Journal</i> , 2006, 27, 1750-1753.	1.0	44
509	Exercise Restores Skeletal Muscle Glucose Delivery But Not Insulin-Mediated Glucose Transport and Phosphorylation in Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3394-3403.	1.8	14
510	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
511	Short-term changes in inflammatory response protein (hsCRP) do not parallel with changes in coronary vasoreactivity in obese men. <i>International Journal of Obesity</i> , 2006, 30, 460-467.	1.6	0
512	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
513	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
514	The Effect of PPAR γ -Agonism on LDL Subclass Profile in Patients with Type 2 Diabetes and Coronary Artery Disease. <i>Review of Diabetic Studies</i> , 2006, 3, 31-31.	0.5	12
515	^{18}F -FDG assessment of glucose disposal and production rates during fasting and insulin stimulation: a validation study. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1016-22.	2.8	33
516	Relationship between muscle blood flow and oxygen uptake during exercise in endurance-trained and untrained men. <i>Journal of Applied Physiology</i> , 2005, 98, 380-383.	1.2	50
517	The Effect of the Ala12Allele of the Peroxisome Proliferator-Activated Receptor- γ 2 Gene on Skeletal Muscle Glucose Uptake Depends on Obesity: A Positron Emission Tomography Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4249-4254.	1.8	31
518	Lifetime glycaemic exposure predicts reduced coronary vasoreactivity in Type 1 diabetic subjects. <i>Diabetic Medicine</i> , 2005, 22, 45-51.	1.2	4
519	High intensity exercise decreases global brain glucose uptake in humans. <i>Journal of Physiology</i> , 2005, 568, 323-332.	1.3	144
520	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
521	Motion detection and correction for dynamic ^{15}O -water myocardial perfusion PET studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 1378-1383.	3.3	29
522	Efficacy of Ciprofloxacin-Releasing Bioabsorbable Osteoconductive Bone Defect Filler for Treatment of Experimental Osteomyelitis Due to <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1502-1508.	1.4	57

#	ARTICLE	IF	CITATIONS
523	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
524	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
525	Single Nucleotide Polymorphisms in the Peroxisome Proliferator-Activated Receptor α Gene Are Associated With Skeletal Muscle Glucose Uptake. <i>Diabetes</i> , 2005, 54, 3587-3591.	0.3	57
526	Increased lipoprotein(a) is associated with reduced myocardial vasoreactivity in young healthy men. <i>Atherosclerosis</i> , 2005, 179, 185-191.	0.4	3
527	An autoradiographic study of [18F]FDG uptake to islets of Langerhans in NOD mouse. <i>Diabetes Research and Clinical Practice</i> , 2005, 70, 217-224.	1.1	22
528	Efficacy of bioabsorbable antibiotic containing bone screw in the prevention of biomaterial-related infection due to <i>Staphylococcus aureus</i> . <i>Bone</i> , 2005, 36, 292-299.	1.4	48
529	Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2153-2167.	1.2	437
530	Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2168-2182.	1.2	193
531	C-peptide improves adenosine-induced myocardial vasodilation in type 1 diabetes patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E14-E19.	1.8	48
532	Insulin induced increase in coronary flow reserve is abolished by dexamethasone in young men with uncomplicated type 1 diabetes. <i>Heart</i> , 2004, 90, 270-276.	1.2	20
533	Defective Liver Disposal of Free Fatty Acids in Patients with Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3496-3502.	1.8	36
534	Effect of Training Status on Regional Disposal of Circulating Free Fatty Acids in the Liver and Skeletal Muscle During Physiological Hyperinsulinemia. <i>Diabetes Care</i> , 2004, 27, 2172-2177.	4.3	25
535	Effect of Pravastatin on Low-Density Lipoprotein Oxidation and Myocardial Perfusion in Young Adults With Type 1 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1303-1308.	1.1	19
536	Myeloperoxidase Gene Variation and Coronary Flow Reserve in Young Healthy Men. <i>Journal of Biomedical Science</i> , 2004, 11, 59-64.	2.6	0
537	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
538	Myocardial perfusion after marathon running. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2004, 14, 208-214.	1.3	21
539	Myocardial perfusion reserve and peripheral endothelial function in patients with idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 2004, 93, 64-68.	0.7	49
540	Myeloperoxidase gene variation and coronary flow reserve in young healthy men. <i>Journal of Biomedical Science</i> , 2004, 11, 59-64.	2.6	20

#	ARTICLE	IF	CITATIONS
541	Estrogen receptor genotype modulates myocardial perfusion in young men. <i>Journal of Molecular Medicine</i> , 2004, 82, 821-825.	1.7	17
542	Diabetic background retinopathy is associated with impaired coronary vasoreactivity in people with Type 1 diabetes. <i>Diabetologia</i> , 2004, 47, 725-731.	2.9	22
543	Non-esterified fatty acids impair insulin-mediated glucose uptake and disposition in the liver. <i>Diabetologia</i> , 2004, 47, 1149-1156.	2.9	43
544	High-sensitivity C-reactive protein and impaired coronary vasoreactivity in young men with uncomplicated type 1 diabetes. <i>Diabetologia</i> , 2004, 47, 1888-1894.	2.9	17
545	Assessment of right ventricular oxidative metabolism by PET in patients with idiopathic dilated cardiomyopathy undergoing cardiac resynchronisation therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1592-1598.	3.3	26
546	Peter Ell: portrait of an Editor. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 3-4.	3.3	2
547	Clinical cardiac PET in the future. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 467-468.	3.3	3
548	Adenocarcinoma of the esophagus and the esophagogastric junction: positron emission tomography improves staging and prediction of survival in distant but not in locoregional disease. <i>Journal of Gastrointestinal Surgery</i> , 2004, 8, 988-996.	0.9	43
549	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
550	Myocardial perfusion reserve and oxidative metabolism contribute to exercise capacity in patients with dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2004, 10, 132-140.	0.7	29
551	Blood transit time heterogeneity is associated to oxygen extraction in exercising human skeletal muscle. <i>Microvascular Research</i> , 2004, 67, 125-132.	1.1	25
552	Positron emission tomography molecular imaging of biological processes. <i>International Congress Series</i> , 2004, 1265, 248-254.	0.2	4
553	The effect of mannan-binding lectin variant alleles on coronary artery reactivity in healthy young men. <i>International Journal of Cardiology</i> , 2004, 97, 317-318.	0.8	9
554	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
555	Comparative 18F-FDG PET of experimental <i>Staphylococcus aureus</i> osteomyelitis and normal bone healing. <i>Journal of Nuclear Medicine</i> , 2004, 45, 1406-11.	2.8	56
556	Liver uptake of free fatty acids in vivo in humans as determined with 14(R,S)-[18F]fluoro-6-thia-heptadecanoic acid and PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1160-1164.	3.3	22
557	Pet myocardial perfusion and glucose metabolism imaging: part 2 guidelines for interpretation and reporting. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 557-571.	1.4	71
558	High Serum Leptin Is Associated with Attenuated Coronary Vasoreactivity. <i>Obesity</i> , 2003, 11, 776-782.	4.0	38

#	ARTICLE	IF	CITATIONS
559	Insulin and Exercise Stimulated Skeletal Muscle Blood Flow and Glucose Uptake in Obese Men. <i>Obesity</i> , 2003, 11, 257-265.	4.0	35
560	Muscle fractal vascular branching pattern and microvascular perfusion heterogeneity in endurance-trained and untrained men. <i>Journal of Physiology</i> , 2003, 546, 529-535.	1.3	7
561	Insulin Signalling and Resistance in Patients with Chronic Heart Failure. <i>Journal of Physiology</i> , 2003, 550, 305-315.	1.3	55
562	Exercise training improves insulin-stimulated myocardial glucose uptake in patients with dilated cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 447-455.	1.4	19
563	A 3-D model-based registration approach for the PET, MR and MCG cardiac data fusion. <i>Medical Image Analysis</i> , 2003, 7, 377-389.	7.0	50
564	Positron emission tomography (PET) cannot replace computed tomography (CT) and endoscopic ultrasonography (EUS) in the staging of adenocarcinoma of the esophagus and the esophagogastric junction. <i>Gastroenterology</i> , 2003, 124, A807.	0.6	0
565	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
566	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
567	Exercise training improves insulin stimulated skeletal muscle glucose uptake independent of changes in perfusion in patients with dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2003, 9, 286-295.	0.7	20
568	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
569	Correlation of transthoracic Doppler echocardiography and magnetic resonance imaging in measuring left anterior descending artery flow velocity and time-course of dipyridamole-induced coronary flow increase. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2003, 63, 65-72.	0.6	18
570	Plasma asymmetric dimethylarginine modifies the effect of pravastatin on myocardial blood flow in young adults. <i>Vascular Medicine</i> , 2003, 8, 185-189.	0.8	39
571	Effects of Metformin and Rosiglitazone Monotherapy on Insulin-Mediated Hepatic Glucose Uptake and Their Relation to Visceral Fat in Type 2 Diabetes. <i>Diabetes Care</i> , 2003, 26, 2069-2074.	4.3	56
572	Differential Effects of Rosiglitazone and Metformin on Adipose Tissue Distribution and Glucose Uptake in Type 2 Diabetic Subjects. <i>Diabetes</i> , 2003, 52, 283-290.	0.3	144
573	Insulin-Mediated Hepatic Glucose Uptake Is Impaired in Type 2 Diabetes: Evidence for a Relationship with Glycemic Control. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2055-2060.	1.8	73
574	Case report: Remodeling of the tibia after grafting of a large cavity with particulate bioactive glass-hydroxylapatite treatment of fibrous dysplasia with 13 years follow-up. <i>Acta Orthopaedica</i> , 2003, 74, 766-770.	1.4	16
575	Interleukin-1B genotype modulates the improvement of coronary artery reactivity by lipid-lowering therapy with pravastatin. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 633-639.	5.7	22
576	Skeletal Muscle Glucose Uptake Response to Exercise in Trained and Untrained Men. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 777-783.	0.2	54

#	ARTICLE	IF	CITATIONS
577	Skeletal muscle blood flow and flow heterogeneity during dynamic and isometric exercise in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H979-H986.	1.5	75
578	Insulin and myocardial blood flow. <i>Cardiovascular Research</i> , 2003, 57, 312-319.	1.8	50
579	Blunted Coronary Vasoreactivity to Insulin Is an Early Alteration in Hypertension. <i>Journal of Vascular Research</i> , 2003, 40, 58-67.	0.6	2
580	Muscle oxygen extraction and perfusion heterogeneity during continuous and intermittent static exercise. <i>Journal of Applied Physiology</i> , 2003, 94, 953-958.	1.2	28
581	Insulin stimulates liver glucose uptake in humans: an 18F-FDG PET Study. <i>Journal of Nuclear Medicine</i> , 2003, 44, 682-9.	2.8	64
582	Rosiglitazone but Not Metformin Enhances Insulin- and Exercise-Stimulated Skeletal Muscle Glucose Uptake in Patients With Newly Diagnosed Type 2 Diabetes. <i>Diabetes</i> , 2002, 51, 3479-3485.	0.3	146
583	Increased Coronary Vascular Resistance Cannot Be Reduced by Inhibiting Sympathetic Overactivity in Hypertension. <i>Journal of Vascular Research</i> , 2002, 39, 456-462.	0.6	4
584	Dose-Dependent Vasodilating Effects of Insulin on Adenosine-Stimulated Myocardial Blood Flow. <i>Diabetes</i> , 2002, 51, 1125-1130.	0.3	68
585	Myocardial perfusion and perfusion reserve in endurance-trained men. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 948-953.	0.2	20
586	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
587	Plasma asymmetric dimethylarginine and hyperemic myocardial blood flow in young subjects with borderline hypertension or familial hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2002, 40, 1241-1247.	1.2	46
588	Early impairment of coronary flow reserve is not associated with Chlamydia pneumoniae antibodies. <i>Annals of Medicine</i> , 2002, 34, 284-290.	1.5	4
589	The effects of irradiation and hyperbaric oxygen on bone formation during rabbit mandibular distraction. <i>Archives of Oral Biology</i> , 2002, 47, 701-707.	0.8	23
590	Endothelial nitric oxide synthase genotype modulates the improvement of coronary blood flow by pravastatin: a placebo-controlled PET study. <i>Journal of Molecular Medicine</i> , 2002, 80, 802-807.	1.7	26
591	The effects of insulin and short-term hyperglycaemia on myocardial blood flow in young men with uncomplicated Type I diabetes. <i>Diabetologia</i> , 2002, 45, 775-782.	2.9	47
592	The need for standardisation of cardiac FDG PET imaging in the evaluation of myocardial viability in patients with chronic ischaemic left ventricular dysfunction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1257-1266.	3.3	73
593	Osteoblastic activity of the rabbit temporomandibular joint during distraction osteogenesis assessed by [18 F]fluoride positron emission tomography. <i>European Journal of Oral Sciences</i> , 2002, 110, 144-148.	0.7	12
594	Oestrogen receptor gene variation is a determinant of coronary reactivity in healthy young men. <i>European Journal of Clinical Investigation</i> , 2002, 32, 400-404.	1.7	21

#	ARTICLE	IF	CITATIONS
595	High oxidized LDL and elevated plasma homocysteine contribute to the early reduction of myocardial flow reserve in healthy adults. <i>European Journal of Clinical Investigation</i> , 2002, 32, 795-802.	1.7	14
596	Myocardial and skeletal muscle glucose uptake during exercise in humans. <i>Journal of Physiology</i> , 2002, 542, 403-412.	1.3	111
597	Obesity Affects Myocardial Vasoreactivity and Coronary Flow Response to Insulin. <i>Obesity</i> , 2002, 10, 617-624.	4.0	36
598	Amino acid uptake in the skeletal muscle measured using [¹¹ C]methylaminoisobutyrate (MEAIB) and PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1485-1491.	3.3	11
599	¹⁴ (R,S)-[¹⁸ F]Fluoro-6-thia-heptadecanoic acid as a tracer of free fatty acid uptake and oxidation in myocardium and skeletal muscle. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1617-1622.	3.3	35
600	Reduced myocardial flow reserve relates to increased carotid intima-media thickness in healthy young men. <i>Atherosclerosis</i> , 2001, 156, 469-475.	0.4	27
601	Use of [¹¹ C]acetate and [¹⁵ O]O ₂ PET for the assessment of myocardial oxygen utilization in patients with chronic myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001, 28, 334-339.	2.2	16
602	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
603	Kinetic modeling of [¹⁸ F]FDG in skeletal muscle by PET: a four-compartment five-rate-constant model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E524-E536.	1.8	73
604	Effect of Lipid-Lowering Therapy with Pravastatin on Myocardial Blood Flow in Young Mildly Hypercholesterolemic Adults. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 38, 561-568.	0.8	43
605	Paraoxonase genotype modifies the effect of pravastatin on high-density lipoprotein cholesterol. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 625-633.	5.7	49
606	Myocardial fatty acid oxidation in patients with impaired glucose tolerance. <i>Diabetologia</i> , 2001, 44, 184-187.	2.9	53
607	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
608	Hepatic lipase gene variation is related to coronary reactivity in healthy young men. <i>European Journal of Clinical Investigation</i> , 2001, 31, 574-580.	1.7	25
609	Effects of pravastatin therapy on serum lipids and coronary reactivity are not associated with SREBP cleavage-activating protein polymorphism in healthy young men. <i>Clinical Genetics</i> , 2001, 60, 319-321.	1.0	22
610	Global myocardial blood flow and global flow reserve measurements by MRI and PET are comparable. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 361-366.	1.9	45
611	Paraoxonase gene polymorphisms and coronary reactivity in young healthy men. <i>Journal of Molecular Medicine</i> , 2001, 79, 449-456.	1.7	24
612	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

#	ARTICLE	IF	CITATIONS
613	Perfusion heterogeneity in human skeletal muscle: fractal analysis of PET data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001, 28, 450-456.	2.2	28
614	Effect of pravastatin in mildly hypercholesterolemic young men on serum matrix metalloproteinases. <i>American Journal of Cardiology</i> , 2001, 88, 173-175.	0.7	31
615	Current-density estimation of exercise-induced ischemia in patients with multivessel coronary artery disease. <i>Journal of Electrocardiology</i> , 2001, 34, 37-42.	0.4	23
616	A New Method for the Registration of Cardiac PET and MR Images Using Deformable Model Based Segmentation of the Main Thorax Structures. <i>Lecture Notes in Computer Science</i> , 2001, , 557-564.	1.0	9
617	Evidence for Spatial Heterogeneity in Insulin- and Exercise-Induced Increases in Glucose Uptake: Studies in Normal Subjects and Patients with Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5525-5533.	1.8	13
618	Assessing Coronary Sinus Blood Flow in Patients with Coronary Artery Disease. <i>American Journal of Roentgenology</i> , 2001, 177, 1161-1166.	1.0	33
619	A 3-D Model-Based Approach for the PET-Functional and MR-Anatomical Cardiac Imaging Data Fusion. <i>Lecture Notes in Computer Science</i> , 2001, , 83-90.	1.0	1
620	The development of nuclear medicine in Finland: a review on the occasion of the 40th anniversary of the Finnish Society of Nuclear Medicine. <i>Clinical Physiology</i> , 2000, 20, 317-329.	0.7	1
621	Myocardial efficiency during levosimendan infusion in congestive heart failure. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 68, 522-531.	2.3	206
622	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
623	Lumped constant for [¹⁸ 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
624	Multimodality MR Imaging Assessment of Myocardial Viability: Combination of First-Pass and Late Contrast Enhancement to Wall Motion Dynamics and Comparison with FDG PET—Initial Experience. <i>Radiology</i> , 2000, 217, 729-736.	3.6	79
625	Assessment of Coronary Flow Reserve Using Fast Velocity-Encoded Cine MR Imaging. <i>American Journal of Roentgenology</i> , 2000, 175, 1029-1033.	1.0	34
626	Insulin-Induced Increment of Coronary Flow Reserve Is Not Abolished by Dexamethasone in Healthy Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1868-1873.	1.8	42
627	In Vivo Detection of Vascular Adhesion Protein-1 in Experimental Inflammation. <i>American Journal of Pathology</i> , 2000, 157, 463-471.	1.9	101
628	Heterogeneity of glucose metabolism at rest and during exercise in obesity as measured using [18F]-FDG and PET. <i>Diabetes Research and Clinical Practice</i> , 2000, 50, 163.	1.1	0
629	Insulin and exercise stimulated glucose uptake and its heterogeneity in subjects with type 1 diabetes. In vivo studies using [15O]-H ₂ O, [15O]-O ₂ , [18F]-FDG and PET. <i>Diabetes Research and Clinical Practice</i> , 2000, 50, 164.	1.1	0
630	Insulin resistance of human adipose tissue in obesity measured with [18F]FDG and PET. <i>Diabetes Research and Clinical Practice</i> , 2000, 50, 186.	1.1	0

#	ARTICLE	IF	CITATIONS
631	Insulin-induced increment of coronary flow reserve is abolished by dexamethasone in young men with uncomplicated insulin-dependent diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2000, 50, 374.	1.1	0
632	Insulin-Induced Increment of Coronary Flow Reserve Is Not Abolished by Dexamethasone in Healthy Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1868-1873.	1.8	27
633	Myocardial blood flow, oxygen consumption, and fatty acid uptake in endurance athletes during insulin stimulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E585-E590.	1.8	14
634	Insulin action on heart and skeletal muscle glucose uptake in weight lifters and endurance athletes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E706-E711.	1.8	33
635	Impaired free fatty acid uptake in skeletal muscle but not in myocardium in patients with impaired glucose tolerance: studies with PET and 14(R,S)-[18F]fluoro-6-thia-heptadecanoic acid. <i>Diabetes</i> , 1999, 48, 1245-1250.	0.3	63
636	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
637	Coronary Flow Reserve in Young Men With Familial Combined Hyperlipidemia. <i>Circulation</i> , 1999, 99, 1678-1684.	1.6	98
638	Sodium nitroprusside increases human skeletal muscle blood flow, but does not change flow distribution or glucose uptake. <i>Journal of Physiology</i> , 1999, 521, 729-737.	1.3	29
639	Uncoupling of fatty acid and glucose metabolism in malignant lymphoma: a PET study. <i>British Journal of Cancer</i> , 1999, 80, 513-518.	2.9	17
640	Cardiac positron emission tomography imaging with [11c]hydroxyephedrine, a specific tracer for sympathetic nerve endings, and its functional correlates in congestive heart failure. <i>American Journal of Cardiology</i> , 1999, 84, 568-574.	0.7	58
641	Reduced myocardial flow reserve does not impair exercise capacity in asymptomatic men. <i>American Journal of Cardiology</i> , 1999, 84, 1253-1255.	0.7	6
642	PET as a cardiovascular and metabolic research tool. <i>Annals of Medicine</i> , 1999, 31, 450-456.	1.5	9
643	PET in drug discovery and development: an introduction. <i>Annals of Medicine</i> , 1999, 31, 430-431.	1.5	4
644	Decreased blood flow but unaltered insulin sensitivity of glucose uptake in skeletal muscle of chronic smokers. <i>Metabolism: Clinical and Experimental</i> , 1999, 48, 239-244.	1.5	14
645	Labelling lymphocytes with technetium99m-hexamethyl propyleneamine oxime for scintigraphy: an improved labelling procedure. <i>Journal of Immunological Methods</i> , 1998, 214, 187-197.	0.6	11
646	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
647	Preserved Relative Dispersion but Blunted Stimulation of Mean Flow, Absolute Dispersion, and Blood Volume by Insulin in Skeletal Muscle of Patients With Essential Hypertension. <i>Circulation</i> , 1998, 97, 2146-2153.	1.6	28
648	Left ventricular hypertrophy induced by essential hypertension increases myocardial oxygen consumption and leads to reduced efficiency. <i>Clinical Physiology</i> , 1998, 18, 272-273.	0.7	0

#	ARTICLE	IF	CITATIONS
649	Coronary reactivity in young men with familial combined hyperlipidaemia. <i>Clinical Physiology</i> , 1998, 18, 272-272.	0.7	0
650	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
651	Effects of Insulin on Blood Flow and Volume in Skeletal Muscle of Patients With IDDM: Studies Using [15O]H ₂ O, [15O]CO, and Positron Emission Tomography. <i>Diabetes</i> , 1997, 46, 2017-2021.	0.3	19
652	Myocardial Glucose Uptake in Patients with NIDDM and Stable Coronary Artery Disease. <i>Diabetes</i> , 1997, 46, 1491-1496.	0.3	29
653	Comparison of [18F]FDG-PET, [99mTc]-HMPAO-SPECT, and [123I]-iomazenil-SPECT in localising the epileptogenic cortex. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997, 63, 743-748.	0.9	25
654	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
655	Fatty acid uptake is preserved in chronically dysfunctional but viable myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H2473-H2480.	1.5	21
656	Influence of Cardiovascular Risk Status on Coronary Flow Reserve in Healthy Young Men. <i>American Journal of Cardiology</i> , 1997, 79, 1690-1692.	0.7	60
657	Acute effects of celiprolol on muscle blood flow and insulin sensitivity: studies using [15O]-water, [18F]-fluorodeoxyglucose and positron emission tomography. <i>European Journal of Clinical Pharmacology</i> , 1997, 52, 19-26.	0.8	11
658	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
659	Pathophysiological Mechanisms of Chronic Reversible Left Ventricular Dysfunction due to Coronary Artery Disease (Hibernating Myocardium). <i>Circulation</i> , 1997, 96, 3205-3214.	1.6	132
660	Abnormalities of cardiac autonomic function and 11C-hydroxyephedrine PET coincide in heart failure. <i>Journal of the American College of Cardiology</i> , 1996, 27, 406.	1.2	1
661	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
662	Evidence for Dissociation of Insulin Stimulation of Blood Flow and Glucose Uptake in Human Skeletal Muscle: Studies Using [15O]H ₂ O, [18F]fluoro-2-deoxy-D-glucose, and Positron Emission Tomography. <i>Diabetes</i> , 1996, 45, 1471-1477.	0.3	63
663	Glucose Uptake in the Chronically Dysfunctional but Viable Myocardium. <i>Circulation</i> , 1996, 93, 1658-1666.	1.6	121
664	Role of blood flow in regulating insulin-stimulated glucose uptake in humans. Studies using bradykinin, [15O]water, and [18F]fluoro-deoxy-glucose and positron emission tomography.. <i>Journal of Clinical Investigation</i> , 1996, 97, 1741-1747.	3.9	141
665	Insulin increases blood volume in human skeletal muscle: studies using [15O]CO and positron emission tomography. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1995, 269, E1000-E1005.	1.8	33
666	Imaging of the Heart by MRI and PET. <i>Annals of Medicine</i> , 1995, 27, 35-45.	1.5	23

#	ARTICLE	IF	CITATIONS
667	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
668	The Effect of Insulin and FFA on Myocardial Glucose Uptake. <i>Journal of Molecular and Cellular Cardiology</i> , 1995, 27, 1359-1367.	0.9	60
669	Insulin action on heart and skeletal muscle glucose uptake in essential hypertension.. <i>Journal of Clinical Investigation</i> , 1995, 96, 1003-1009.	3.9	72
670	Effect of antilipolysis on heart and skeletal muscle glucose uptake in overnight fasted humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1994, 267, E941-E946.	1.8	56
671	In vivo effects of insulin on tumor and skeletal muscle glucose metabolism in patients with lymphoma. <i>Cancer</i> , 1994, 73, 1490-1498.	2.0	43
672	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
673	Differential effects of dobutamine and nitroprusside on cardiac performance and efficiency as assessed with positron emission tomography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1994, 8, 60.	0.6	0
674	Different alterations in the insulin-stimulated glucose uptake in the athlete's heart and skeletal muscle.. <i>Journal of Clinical Investigation</i> , 1994, 93, 2267-2274.	3.9	45
675	Insulin resistance is localized to skeletal but not heart muscle in type 1 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1993, 264, E756-E762.	1.8	46
676	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
677	Acute and long-term effects on myocardial ischemia of intermittent and continuous transdermal nitrate therapy in stable angina. <i>American Journal of Cardiology</i> , 1992, 69, 1525-1532.	0.7	26
678	Positron Emission Tomography in Metabolic Research. , 0, , 223-235.		0