

James H F Rudd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

8,748
citations

49
h-index

92
g-index

135
ext. papers

10,552
ext. citations

6.6
avg, IF

5.85
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 124 | Intravascular Fluorescence Molecular Imaging of Atherosclerosis.. <i>Methods in Molecular Biology</i> , 2022 , 2419, 853-872 | 1.4 | |
| 123 | Systematically evaluating DOTATATE and FDG as PET immuno-imaging tracers of cardiovascular inflammation.. <i>Scientific Reports</i> , 2022 , 12, 6185 | 4.9 | 1 |
| 122 | Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. <i>Nature Machine Intelligence</i> , 2021 , 3, 199-217 | 22.5 | 200 |
| 121 | Atherosclerosis imaging using PET: Insights and applications. <i>British Journal of Pharmacology</i> , 2021 , 178, 2186-2203 | 8.6 | 6 |
| 120 | Pattern of arterial inflammation and inflammatory markers in people living with HIV compared with uninfected people. <i>Journal of Nuclear Cardiology</i> , 2021 , 1 | 2.1 | 3 |
| 119 | Assessing robustness of carotid artery CT angiography radiomics in the identification of culprit lesions in cerebrovascular events. <i>Scientific Reports</i> , 2021 , 11, 3499 | 4.9 | 7 |
| 118 | PET Imaging of Post-infarct Myocardial Inflammation. <i>Current Cardiology Reports</i> , 2021 , 23, 99 | 4.2 | 2 |
| 117 | Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis. <i>European Heart Journal Open</i> , 2021 , 1, oeab019 | | 1 |
| 116 | Carotid Atheroinflammation Is Associated With Cerebral Small Vessel Disease Severity. <i>Frontiers in Neurology</i> , 2021 , 12, 690935 | 4.1 | 0 |
| 115 | Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2021 , 144, 1396-1408 | 16.7 | 9 |
| 114 | Innate Lymphoid Cells Promote Recovery of Ventricular Function After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1127-1142 | 15.1 | 9 |
| 113 | Novel Approach to Imaging Active Takayasu Arteritis Using Somatostatin Receptor Positron Emission Tomography/Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010389 | 3.9 | 8 |
| 112 | Positron emission tomography imaging in cardiovascular disease. <i>Heart</i> , 2020 , 106, 1712-1718 | 5.1 | 5 |
| 111 | Dual-Tracer Positron-Emission Tomography for Identification of Culprit Carotid Plaques and Pathophysiology In Vivo. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e009539 | 3.9 | 8 |
| 110 | Greater aortic inflammation and calcification in abdominal aortic aneurysmal disease than atherosclerosis: a prospective matched cohort study. <i>Open Heart</i> , 2020 , 7, e001141 | 3 | 4 |
| 109 | Novel Positron Emission Tomography Tracers for Imaging Vascular Inflammation. <i>Current Cardiology Reports</i> , 2020 , 22, 119 | 4.2 | 11 |
| 108 | Vascular Positron Emission Tomography and Restenosis in Symptomatic Peripheral Arterial Disease: A Prospective Clinical Study. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1008-1017 | 8.4 | 21 |

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| 107 | Cardiovascular disease risk prediction using automated machine learning: A prospective study of 423,604 UK Biobank participants. <i>PLoS ONE</i> , 2019 , 14, e0213653 | 3.7 | 133 |
| 106 | Ga-DOTATATE PET Identifies Residual Myocardial Inflammation and Bone Marrow Activation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2489-2491 | 15.1 | 21 |
| 105 | A zero coronary artery calcium score in patients with stable chest pain is associated with a good prognosis, despite risk of non-calcified plaques. <i>Open Heart</i> , 2019 , 6, e000945 | 3 | 18 |
| 104 | F-Fluoride Positron Emission Tomographic Imaging of Penile Arteries and Erectile Dysfunction. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1386-1394 | 15.1 | 8 |
| 103 | Detection and Prediction of Bioprosthetic Aortic Valve Degeneration. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1107-1119 | 15.1 | 52 |
| 102 | Alcohol use disorders and the heart. <i>Addiction</i> , 2019 , 114, 1670-1678 | 4.6 | 34 |
| 101 | In vivo alpha-V beta-3 integrin expression in human aortic atherosclerosis. <i>Heart</i> , 2019 , 105, 1868-1875 | 5.1 | 15 |
| 100 | Imaging as a surrogate marker of drug efficacy in cardiovascular disease. <i>Heart</i> , 2019 , 105, 567-578 | 5.1 | 5 |
| 99 | Response to "Re. Abdominal Aortic Aneurysm Calcification: Are Biochemical Markers a Missing Piece of the Puzzle?". <i>European Journal of Vascular and Endovascular Surgery</i> , 2018 , 55, 900-901 | 2.3 | |
| 98 | Vascular inflammation and aortic stiffness: potential mechanisms of increased vascular risk in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2018 , 19, 100 | 7.3 | 14 |
| 97 | F-FDG Uptake on PET/CT in Symptomatic versus Asymptomatic Carotid Disease: a Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018 , 56, 172-179 | 2.3 | 31 |
| 96 | The p38 mitogen activated protein kinase inhibitor losmapimod in chronic obstructive pulmonary disease patients with systemic inflammation, stratified by fibrinogen: A randomised double-blind placebo-controlled trial. <i>PLoS ONE</i> , 2018 , 13, e0194197 | 3.7 | 19 |
| 95 | Low-dose interleukin-2 in patients with stable ischaemic heart disease and acute coronary syndromes (LILACS): protocol and study rationale for a randomised, double-blind, placebo-controlled, phase I/II clinical trial. <i>BMJ Open</i> , 2018 , 8, e022452 | 3 | 44 |
| 94 | Molecular imaging of atherosclerosis with integrated PET imaging. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 938-943 | 2.1 | 11 |
| 93 | Detection of Atherosclerotic Inflammation by Ga-DOTATATE PET Compared to [F]FDG PET Imaging. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1774-1791 | 15.1 | 210 |
| 92 | Cardiac Integrin expression following acute myocardial infarction in humans. <i>Heart</i> , 2017 , 103, 607-615 | 5.1 | 57 |
| 91 | Vascular Imaging With F-Fluorodeoxyglucose Positron Emission Tomography Is Influenced by Hypoxia. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1873-1874 | 15.1 | 25 |
| 90 | F-Fluoride and F-Fluorodeoxyglucose Positron Emission Tomography After Transient Ischemic Attack or Minor Ischemic Stroke: Case-Control Study. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10, | 3.9 | 62 |

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|----|--|------|-----|
| 89 | PET imaging of the neurovascular interface in cerebrovascular disease. <i>Nature Reviews Neurology</i> , 2017 , 13, 676-688 | 15 | 28 |
| 88 | Coronary CT angiography features of ruptured and high-risk atherosclerotic plaques: Correlation with intra-vascular ultrasound. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 455-461 | 2.8 | 31 |
| 87 | Short-term changes in arterial inflammation predict long-term changes in atherosclerosis progression. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 141-150 | 8.8 | 16 |
| 86 | Lower limb arterial calcification (LLAC) scores in patients with symptomatic peripheral arterial disease are associated with increased cardiac mortality and morbidity. <i>PLoS ONE</i> , 2017 , 12, e0182952 | 3.7 | 25 |
| 85 | Thresholds for Arterial Wall Inflammation Quantified by F-FDG PET Imaging: Implications for Vascular Interventional Studies. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1198-1207 | 8.4 | 63 |
| 84 | Imaging Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 750-69 | 15.7 | 160 |
| 83 | Does Vascular Calcification Accelerate Inflammation?: A Substudy of the dal-PLAQUE Trial. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 69-78 | 15.1 | 34 |
| 82 | Noninvasive Molecular Imaging of Disease Activity in Atherosclerosis. <i>Circulation Research</i> , 2016 , 119, 330-40 | 15.7 | 89 |
| 81 | High Structural Stress and Presence of Intraluminal Thrombus Predict Abdominal Aortic Aneurysm 18F-FDG Uptake: Insights From Biomechanics. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, | 3.9 | 17 |
| 80 | An unusual finding in a 57-year-old woman with new onset hypertension and a diastolic murmur. <i>Heart</i> , 2016 , 102, 1762 | 5.1 | 1 |
| 79 | Optimization and Reproducibility of Aortic Valve 18F-Fluoride Positron Emission Tomography in Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, | 3.9 | 49 |
| 78 | Coronary Plaque Morphology and the Anti-Inflammatory Impact of Atorvastatin: A Multicenter 18F-Fluorodeoxyglucose Positron Emission Tomographic/Computed Tomographic Study. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, | 3.9 | 37 |
| 77 | GM-CSF Enhances Macrophage Glycolytic Activity In Vitro and Improves Detection of Inflammation In Vivo. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1428-35 | 8.9 | 10 |
| 76 | PET Imaging of Atherosclerotic Disease: Advancing Plaque Assessment from Anatomy to Pathophysiology. <i>Current Atherosclerosis Reports</i> , 2016 , 18, 30 | 6 | 58 |
| 75 | The vanishing atrial mass. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 1189 | 4.1 | 1 |
| 74 | PET imaging of atherosclerosis. <i>Future Cardiology</i> , 2015 , 11, 115-31 | 1.3 | 11 |
| 73 | A phase 2 randomized, double-blind, placebo-controlled study of the effect of VIA-2291, a 5-lipoxygenase inhibitor, on vascular inflammation in patients after an acute coronary syndrome. <i>Atherosclerosis</i> , 2015 , 240, 53-60 | 3.1 | 37 |
| 72 | FDG-PET imaging for oxidized LDL in stable atherosclerotic disease: a phase II study of safety, tolerability, and anti-inflammatory activity. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 493-494 | 8.4 | 48 |

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| 71 | Techniques for noninvasive molecular imaging of atherosclerotic plaque. <i>Nature Reviews Cardiology</i> , 2015 , 12, 79 | 14.8 | 12 |
| 70 | HIF-1 α and PFKFB3 Mediate a Tight Relationship Between Proinflammatory Activation and Anaerobic Metabolism in Atherosclerotic Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1463-71 | 9.4 | 111 |
| 69 | Systemic Atherosclerotic Inflammation Following Acute Myocardial Infarction: Myocardial Infarction Begets Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015 , 4, e001956 | 6 | 58 |
| 68 | Identifying active vascular microcalcification by (18)F-sodium fluoride positron emission tomography. <i>Nature Communications</i> , 2015 , 6, 7495 | 17.4 | 285 |
| 67 | Predicting Aortic Aneurysm Expansion by PET. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 971-3 | 8.9 | 4 |
| 66 | Valvular (18)F-Fluoride and (18)F-Fluorodeoxyglucose Uptake Predict Disease Progression and Clinical Outcome in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1200-1 | 15.1 | 62 |
| 65 | Impact of bariatric surgery on carotid artery inflammation and the metabolic activity in different adipose tissues. <i>Medicine (United States)</i> , 2015 , 94, e725 | 1.8 | 20 |
| 64 | Splenic metabolic activity predicts risk of future cardiovascular events: demonstration of a cardiosplenic axis in humans. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 121-30 | 8.4 | 146 |
| 63 | Predictors of change in carotid atherosclerotic plaque inflammation and burden as measured by 18-FDG-PET and MRI, respectively, in the dal-PLAQUE study. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 571-82 | 2.5 | 18 |
| 62 | CT signal heterogeneity of abdominal aortic aneurysm as a possible predictive biomarker for expansion. <i>Atherosclerosis</i> , 2014 , 233, 510-517 | 3.1 | 33 |
| 61 | Effect of treatment for 12 weeks with rilapladiB, a lipoprotein-associated phospholipase A2 inhibitor, on arterial inflammation as assessed with 18F-fluorodeoxyglucose-positron emission tomography imaging. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 86-8 | 15.1 | 65 |
| 60 | 18F-fluoride positron emission tomography for identification of ruptured and high-risk coronary atherosclerotic plaques: a prospective clinical trial. <i>Lancet, The</i> , 2014 , 383, 705-13 | 40 | 581 |
| 59 | PET imaging of inflammation in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2014 , 11, 443-57 | 14.8 | 229 |
| 58 | 18F-sodium fluoride uptake is a marker of active calcification and disease progression in patients with aortic stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 371-8 | 3.9 | 152 |
| 57 | Reply: is it not timely to consider how to balance cardiorenometabolic benefits and risks of statins?. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2881 | 15.1 | 1 |
| 56 | Dual-energy computed tomography imaging to determine atherosclerotic plaque composition: a prospective study with tissue validation. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 230-7 ^{2.8} | | 53 |
| 55 | Arterial and fat tissue inflammation are highly correlated: a prospective 18F-FDG PET/CT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 41, 934-45 | 8.8 | 37 |
| 54 | Optimizing 18F-FDG PET/CT imaging of vessel wall inflammation: the impact of 18F-FDG circulation time, injected dose, uptake parameters, and fasting blood glucose levels. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 41, 369-83 | 8.8 | 81 |

53 Positron Emission Tomography Evaluation of Aortic Stenosis **2014**, 189-196

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|----|--|------|-----|
| 52 | Advances in Molecular Imaging: Plaque Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2013 , 6, 358-368. | 7 | 2 |
| 51 | Intensification of statin therapy results in a rapid reduction in atherosclerotic inflammation: results of a multicenter fluorodeoxyglucose-positron emission tomography/computed tomography feasibility study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 909-17 | 15.1 | 297 |
| 50 | The Progression and Early detection of Subclinical Atherosclerosis (PESA) study: rationale and design. <i>American Heart Journal</i> , 2013 , 166, 990-8 | 4.9 | 68 |
| 49 | Advances in imaging vascular inflammation. <i>Clinical and Translational Imaging</i> , 2013 , 1, 305-314 | 2 | 2 |
| 48 | The complementary roles of dynamic contrast-enhanced MRI and 18F-fluorodeoxyglucose PET/CT for imaging of carotid atherosclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013 , 40, 1884-93 | 8.8 | 48 |
| 47 | High-dose atorvastatin reduces periodontal inflammation: a novel pleiotropic effect of statins. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2382-2391 | 15.1 | 85 |
| 46 | Relationship of serum inflammatory biomarkers with plaque inflammation assessed by FDG PET/CT: the dal-PLAQUE study. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 1087-1094 | 8.4 | 52 |
| 45 | Imaging of inflammation and calcification in aortic stenosis. <i>Current Cardiology Reports</i> , 2013 , 15, 320 | 4.2 | 6 |
| 44 | Atherosclerotic plaque composition and classification identified by coronary computed tomography: assessment of computed tomography-generated plaque maps compared with virtual histology intravascular ultrasound and histology. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 655-64 | 3.9 | 80 |
| 43 | What can we learn about valvular heart disease from PET/CT?. <i>Future Cardiology</i> , 2013 , 9, 657-67 | 1.3 | 10 |
| 42 | Critical mechanical conditions around neovessels in carotid atherosclerotic plaque may promote intraplaque hemorrhage. <i>Atherosclerosis</i> , 2012 , 223, 321-6 | 3.1 | 50 |
| 41 | Impact of noninsulin-dependent type 2 diabetes on carotid wall 18F-fluorodeoxyglucose positron emission tomography uptake. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 2080-8 | 15.1 | 48 |
| 40 | Coronary arterial 18F-sodium fluoride uptake: a novel marker of plaque biology. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1539-48 | 15.1 | 358 |
| 39 | Correlation between arterial FDG uptake and biomarkers in peripheral artery disease. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 38-45 | 8.4 | 43 |
| 38 | Feasibility of [18F]-2-Fluoro-A85380-PET imaging of human vascular nicotinic acetylcholine receptors in vivo. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 528-36 | 8.4 | 22 |
| 37 | Regression of inflammation in atherosclerosis by the LXR agonist R211945: a noninvasive assessment and comparison with atorvastatin. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 819-28 | 8.4 | 59 |
| 36 | Effects of p38 mitogen-activated protein kinase inhibition on vascular and systemic inflammation in patients with atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 911-22 | 8.4 | 105 |

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| 35 | Assessment of valvular calcification and inflammation by positron emission tomography in patients with aortic stenosis. <i>Circulation</i> , 2012 , 125, 76-86 | 16.7 | 205 |
| 34 | Anti-tumor necrosis factor- α therapy reduces aortic inflammation and stiffness in patients with rheumatoid arthritis. <i>Circulation</i> , 2012 , 126, 2473-80 | 16.7 | 163 |
| 33 | Non-invasive imaging of atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2012 , 13, 205-18 | 14.1 | 41 |
| 32 | Pioglitazone modulates vascular inflammation in atherosclerotic rabbits noninvasive assessment with FDG-PET-CT and dynamic contrast-enhanced MR imaging. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 1100-9 | 8.4 | 66 |
| 31 | Prevalence and risk factors of carotid vessel wall inflammation in coronary artery disease patients: FDG-PET and CT imaging study. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 1195-205 | 8.4 | 49 |
| 30 | Rationale and design of dal-PLAQUE: a study assessing efficacy and safety of dalcetrapib on progression or regression of atherosclerosis using magnetic resonance imaging and 18F-fluorodeoxyglucose positron emission tomography/computed tomography. <i>American Heart Journal</i> , 2011 , 142, 211-221 | 4.9 | 48 |
| 29 | Safety and efficacy of dalcetrapib on atherosclerotic disease using novel non-invasive multimodality imaging (dal-PLAQUE): a randomised clinical trial. <i>Lancet, The</i> , 2011 , 378, 1547-59 | 4.0 | 407 |
| 28 | Molecular imaging of atherosclerosis in translational medicine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 969-75 | 8.8 | 15 |
| 27 | FDG PET imaging and cardiovascular inflammation. <i>Current Cardiology Reports</i> , 2011 , 13, 43-8 | 4.2 | 25 |
| 26 | (18)FDG PET imaging can quantify increased cellular metabolism in pulmonary arterial hypertension: A proof-of-principle study. <i>Pulmonary Circulation</i> , 2011 , 1, 448-55 | 2.7 | 48 |
| 25 | Excessive aortic inflammation in chronic obstructive pulmonary disease: an 18F-FDG PET pilot study. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1357-60 | 8.9 | 41 |
| 24 | The role of 18F-FDG PET in aortic dissection. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 667-8 | 8.9 | 5 |
| 23 | Carotid plaque inflammation is associated with cerebral microembolism in patients with recent transient ischemic attack or stroke: a pilot study. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 536-41 | 3.9 | 70 |
| 22 | Multimodal clinical imaging to longitudinally assess a nanomedical anti-inflammatory treatment in experimental atherosclerosis. <i>Molecular Pharmaceutics</i> , 2010 , 7, 2020-9 | 5.6 | 128 |
| 21 | Imaging atherosclerotic plaque inflammation by fluorodeoxyglucose with positron emission tomography: ready for prime time?. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2527-35 | 15.1 | 290 |
| 20 | FDG-PET can distinguish inflamed from non-inflamed plaque in an animal model of atherosclerosis. <i>International Journal of Cardiovascular Imaging</i> , 2010 , 26, 41-8 | 2.5 | 45 |
| 19 | Quantification of inflammation within rabbit atherosclerotic plaques using the macrophage-specific CT contrast agent N1177: a comparison with 18F-FDG PET/CT and histology. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 959-65 | 8.9 | 105 |
| 18 | Relationships among regional arterial inflammation, calcification, risk factors, and biomarkers: a prospective fluorodeoxyglucose positron-emission tomography/computed tomography imaging study. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 107-15 | 3.9 | 196 |

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|----|--|------|-----|
| 17 | Comparison of methods for magnetic resonance-guided [18-F]fluorodeoxyglucose positron emission tomography in human carotid arteries: reproducibility, partial volume correction, and correlation between methods. <i>Stroke</i> , 2009 , 40, 86-93 | 6.7 | 138 |
| 16 | Vascular imaging with 18F-FDG PET/CT: optimal 18F-FDG circulation time?. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 1560; author reply 1560-1 | 8.9 | 13 |
| 15 | Inflammation imaging in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1009-16 | 9.4 | 108 |
| 14 | Multimodality imaging of atherosclerotic plaque activity and composition using FDG-PET/CT and MRI in carotid and femoral arteries. <i>Atherosclerosis</i> , 2009 , 207, 139-43 | 3.1 | 123 |
| 13 | Radiotracer imaging of atherosclerotic plaque biology. <i>Cardiology Clinics</i> , 2009 , 27, 345-54, Table of Contents | | 12 |
| 12 | Atherosclerosis inflammation imaging with 18F-FDG PET: carotid, iliac, and femoral uptake reproducibility, quantification methods, and recommendations. <i>Journal of Nuclear Medicine</i> , 2008 , 49, 871-8 | 8.9 | 358 |
| 11 | Imaging atherosclerotic plaque inflammation. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008 , 5 Suppl 2, S11-7 | | 27 |
| 10 | Detection of neovessels in atherosclerotic plaques of rabbits using dynamic contrast enhanced MRI and 18F-FDG PET. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1311-7 | 9.4 | 114 |
| 9 | Simvastatin and plaque inflammation. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1991; author reply 1991-2 | 15.1 | 13 |
| 8 | (18)Fluorodeoxyglucose positron emission tomography imaging of atherosclerotic plaque inflammation is highly reproducible: implications for atherosclerosis therapy trials. <i>Journal of the American College of Cardiology</i> , 2007 , 50, 892-6 | 15.1 | 359 |
| 7 | Multimodality imaging of atherosclerosis (magnetic resonance imaging/computed tomography/positron emission tomography-computed tomography). <i>Topics in Magnetic Resonance Imaging</i> , 2007 , 18, 379-88 | 2.3 | 4 |
| 6 | Radionuclide imaging for the detection of inflammation in vulnerable plaques. <i>Journal of the American College of Cardiology</i> , 2006 , 47, C57-68 | 15.1 | 93 |
| 5 | Imaging endothelin ET(B) receptors using [18F]-BQ3020: in vitro characterization and positron emission tomography (microPET). <i>Experimental Biology and Medicine</i> , 2006 , 231, 736-40 | 3.7 | 8 |
| 4 | Imaging of atherosclerosis -- can we predict plaque rupture?. <i>Trends in Cardiovascular Medicine</i> , 2005 , 15, 17-24 | 6.9 | 26 |
| 3 | Identification of culprit lesions after transient ischemic attack by combined 18F fluorodeoxyglucose positron-emission tomography and high-resolution magnetic resonance imaging. <i>Stroke</i> , 2005 , 36, 2642-7 | 6.7 | 223 |
| 2 | Molecular and metabolic imaging of atherosclerosis. <i>Journal of Nuclear Medicine</i> , 2004 , 45, 1898-907 | 8.9 | 64 |
| 1 | Molecular imaging of carotid artery disease471-483 | | |