

Robert A Dekemp

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

7,261
citations

66343

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60623

81
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188
all docs

188
docs citations

188
times ranked

4552
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Data-driven motion correction rescues interpretation of rubidium PET scan with extreme breathing artifacts. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 818-822. | 2.1 | 1 |
| 2 | Diagnosis of unrecognized aortic dissection by hybrid PET/CT rubidium-82 imaging. <i>Journal of Nuclear Cardiology</i> , 2023, 30, 848-850. | 2.1 | 0 |
| 3 | Prognostic utility of longitudinal quantification of PET myocardial blood flow early post heart transplantation. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 712-723. | 2.1 | 12 |
| 4 | Evolving use of PET viability imaging. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1000-1002. | 2.1 | 2 |
| 5 | Does quantification of [11C]meta-hydroxyephedrine and [13N]ammonia kinetics improve risk stratification in ischemic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 413-425. | 2.1 | 1 |
| 6 | One-tissue compartment model for myocardial perfusion quantification with N-13 ammonia PET provides matching results: A cross-comparison between Carimas, FlowQuant, and PMOD. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2543-2550. | 2.1 | 5 |
| 7 | Anti-inflammatory effect of rosuvastatin in patients with HIV infection: An FDG-PET pilot study. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3057-3068. | 2.1 | 7 |
| 8 | Metabolic activity of the left and right atria are differentially altered in patients with atrial fibrillation and LV dysfunction. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2824-2836. | 2.1 | 2 |
| 9 | Static CT myocardial perfusion imaging: image quality, artifacts including distribution and diagnostic performance compared to 82Rb PET. <i>European Journal of Hybrid Imaging</i> , 2022, 6, 1. | 1.5 | 1 |
| 10 | Myocardial perfusion quantification with Rb-82 PET: good interobserver agreement of Carimas software on global, regional, and segmental levels. <i>Annals of Nuclear Medicine</i> , 2022, 36, 507-514. | 2.2 | 2 |
| 11 | Evaluation of Lung Glucose Uptake with Fluorine-18 Fluorodeoxyglucose Positron Emission Tomography/CT in Patients with Pulmonary Arterial Hypertension and Pulmonary Hypertension Due to Left Heart Disease. <i>Annals of Nuclear Cardiology</i> , 2022, , . | 0.2 | 0 |
| 12 | More evidence for adequate testâ€“retest repeatability of myocardial blood flow quantification with 82Rb PET/CT. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2872-2875. | 2.1 | 0 |
| 13 | Increased myocardial oxygen consumption rates are associated with maladaptive right ventricular remodeling and decreased event-free survival in heart failure patients. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2784-2795. | 2.1 | 8 |
| 14 | Site qualification and clinical interpretation standards for 99mTc-SPECT perfusion imaging in a multi-center study of MITNEC (Medical Imaging Trials Network of Canada). <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2712-2725. | 2.1 | 1 |
| 15 | Reproducible Quantification of Regional Sympathetic Denervation with [11C]meta-Hydroxyephedrine PET Imaging. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2745-2757. | 2.1 | 5 |
| 16 | Validation of multiparametric rubidium-82 PET myocardial blood flow quantification for cardiac allograft vasculopathy surveillance. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2286-2298. | 2.1 | 12 |
| 17 | Comparison of myocardial blood flow and flow reserve with dobutamine and dipyridamole stress using rubidium-82 positron emission tomography. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 34-45. | 2.1 | 7 |
| 18 | Internal validation of myocardial flow reserve PET imaging using stress/rest myocardial activity ratios with Rb-82 and N-13-ammonia. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 835-850. | 2.1 | 6 |

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|----|---|-----|-----------|
| 19 | On the roles of reproducibility, ethics, and statistical modeling in medical research. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 855-858. | 2.1 | 2 |
| 20 | Response to Poitrasson-Rivière and Murthy. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 863. | 2.1 | 3 |
| 21 | Positron Emission Tomography Imaging of Regional Versus Global Myocardial Sympathetic Activity to Improve Risk Stratification in Patients With Ischemic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012549. | 2.6 | 6 |
| 22 | Persistent Lung Inflammation After Clinical Resolution of Community-Acquired Pneumonia as Measured by 18FDG-PET/CT Imaging. <i>Chest</i> , 2021, 160, 446-453. | 0.8 | 9 |
| 23 | [11C]meta-hydroxyephedrine PET evaluation in experimental pulmonary arterial hypertension: Effects of carvedilol of right ventricular sympathetic function. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 407-422. | 2.1 | 1 |
| 24 | Regional Distribution of Fluorine-18-Flubrobenguane and Carbon-11-Hydroxyephedrine for Cardiac PET Imaging of Sympathetic Innervation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1425-1436. | 5.3 | 16 |
| 25 | Quantitative blood flow evaluation of vasodilation-stress compared with dobutamine-stress in patients with end-stage liver disease using 82Rb PET/CT. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2048-2059. | 2.1 | 12 |
| 26 | Differential association of diabetes mellitus and female sex with impaired myocardial flow reserve across the spectrum of epicardial coronary disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 576-584. | 1.2 | 8 |
| 27 | Nuclear Imaging of the Cardiac Sympathetic Nervous System. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1036-1054. | 5.3 | 40 |
| 28 | Reliable quantification of myocardial sympathetic innervation and regional denervation using [11C]meta-hydroxyephedrine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1722-1735. | 6.4 | 7 |
| 29 | Effect of proton pump inhibitors on Rubidium-82 gastric uptake using positron emission tomography myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1443-1451. | 2.1 | 5 |
| 30 | Validation of regional myocardial blood flow quantification using three-dimensional PET with rubidium-82: repeatability and comparison with two-dimensional PET data acquisition. <i>Nuclear Medicine Communications</i> , 2020, 41, 768-775. | 1.1 | 1 |
| 31 | Exploring Occupational, Recreational, and Environmental Associations in Patients With Clinically Manifest Cardiac Sarcoidosis. <i>CJC Open</i> , 2020, 2, 585-591. | 1.5 | 4 |
| 32 | Atrial Arrhythmias in Clinically Manifest Cardiac Sarcoidosis: Incidence, Burden, Predictors, and Outcomes. <i>Journal of the American Heart Association</i> , 2020, 9, e017086. | 3.7 | 7 |
| 33 | Our work as health professionals: "With Great Power Comes Great Responsibility" [Stan Lee]. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1087-1088. | 2.1 | 0 |
| 34 | Selection of PET Camera and Implications on the Reliability and Accuracy of Absolute Myocardial Blood Flow Quantification. <i>Current Cardiology Reports</i> , 2020, 22, 109. | 2.9 | 8 |
| 35 | A Clinical Tool to Identify Candidates for Stress-First Myocardial Perfusion Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2193-2202. | 5.3 | 8 |
| 36 | PET and SPECT Tracers for Myocardial Perfusion Imaging. <i>Seminars in Nuclear Medicine</i> , 2020, 50, 208-218. | 4.6 | 39 |

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|----|---|-----|-----------|
| 37 | Test-Retest Precision of Myocardial Blood Flow Measurements With ^{99m} Tc-Tetrofosmin and Solid-State Detector Single Photon Emission Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009769. | 2.6 | 16 |
| 38 | Reproducibility of cardiac magnetic resonance imaging in patients referred for the assessment of cardiac sarcoidosis; implications for clinical practice. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2199-2207. | 1.5 | 4 |
| 39 | Rubidium-82 generator yield and efficiency for PET perfusion imaging: Comparison of two clinical systems. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1728-1738. | 2.1 | 11 |
| 40 | Clinical comparison of the positron emission tracking (PeTrack) algorithm with the real-time position management system for respiratory gating in cardiac positron emission tomography. <i>Medical Physics</i> , 2020, 47, 1713-1726. | 3.0 | 8 |
| 41 | Motion tracking of low-activity fiducial markers using adaptive region of interest with list-mode positron emission tomography. <i>Medical Physics</i> , 2020, 47, 3402-3414. | 3.0 | 3 |
| 42 | The Future of Cardiac Molecular Imaging. <i>Seminars in Nuclear Medicine</i> , 2020, 50, 367-385. | 4.6 | 19 |
| 43 | Left atrial imaging and registration of fibrosis with conduction voltages using LGE-MRI and electroanatomical mapping. <i>Computers in Biology and Medicine</i> , 2019, 111, 103341. | 7.0 | 5 |
| 44 | Application of Hybrid Matrix Metalloproteinase-Targeted and Dynamic ²⁰¹ Tl Single-Photon Emission Computed Tomography/Computed Tomography Imaging for Evaluation of Early Post-Myocardial Infarction Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009055. | 2.6 | 18 |
| 45 | ⁸² Rb is the Best Flow Tracer for High-volume Sites. <i>Annals of Nuclear Cardiology</i> , 2019, 5, 53-62. | 0.2 | 4 |
| 46 | Patient body motion correction for dynamic cardiac PET/CT by attenuation emission alignment according to projection consistency conditions. <i>Medical Physics</i> , 2019, 46, 1697-1706. | 3.0 | 6 |
| 47 | 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. | 2.1 | 15 |
| 48 | Whole-body motion correction in ¹³ N-ammonia myocardial perfusion imaging using positron emission tracking. , 2019, , . | | 0 |
| 49 | PET imaging of sympathetic innervation with [18F]Fluorobenguan vs [11C]mHED in a patient with ischemic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 2151-2153. | 2.1 | 10 |
| 50 | SPECT quantification of myocardial blood flow: A journey of a thousand miles begins with a single step (Lao Tzu, Chinese philosopher, 604-531 BC). <i>Journal of Nuclear Cardiology</i> , 2019, 26, 772-774. | 2.1 | 3 |
| 51 | Saline-push improves rubidium-82 PET image quality. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1869-1874. | 2.1 | 7 |
| 52 | Prognostic utility of splenic response ratio in dipyridamole PET myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1888-1897. | 2.1 | 14 |
| 53 | Clinical performance of Rb-82 myocardial perfusion PET and Tc-99m-based SPECT in patients with extreme obesity. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 275-283. | 2.1 | 16 |
| 54 | Sensitivity and specificity of chest imaging for sarcoidosis screening in patients with cardiac presentations. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2019, 36, 18-24. | 0.2 | 7 |

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|----|---|-----|-----------|
| 55 | Repeatable and reproducible measurements of myocardial oxidative metabolism, blood flow and external efficiency using ¹¹ C-acetate PET. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1912-1925. | 2.1 | 13 |
| 56 | Optimizing Risk Stratification and Noninvasive Diagnosis of Ischemic Heart Disease in Women. <i>Canadian Journal of Cardiology</i> , 2018, 34, 400-412. | 1.7 | 7 |
| 57 | Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 269-297. | 2.1 | 151 |
| 58 | PET Assessment of Epicardial Intimal Disease and Microvascular Dysfunction in Cardiac Allograft Vasculopathy. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1444-1456. | 2.8 | 71 |
| 59 | Consistent tracer administration profile improves testâ€“retest repeatability of myocardial blood flow quantification with ⁸² Rb dynamic PET imaging. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 929-941. | 2.1 | 45 |
| 60 | Effects of Hypercapnia on Myocardial Blood Flow in Healthy Human Subjects. <i>Journal of Nuclear Medicine</i> , 2018, 59, 100-106. | 5.0 | 18 |
| 61 | Lesion contrast recovery for partial-volume averaging: Quantitative correction or qualitative enhancement?. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1757-1759. | 2.1 | 1 |
| 62 | Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Medicine</i> , 2018, 59, 273-293. | 5.0 | 163 |
| 63 | Reporting myocardial flow reserve with PET. Ready or not, here it is! But walk before you fly!. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 164-168. | 2.1 | 5 |
| 64 | False-positive ¹³ N-ammonia positron emission tomography perfusion scan caused by misalignment of adjacent lung activity during attenuation correction. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1056-1058. | 2.1 | 3 |
| 65 | Whole-body motion correction in cardiac PET/CT using Positron Emission Tracking: A phantom validation study. , 2018, , . | | 2 |
| 66 | Reproducible quantification of cardiac sympathetic innervation using graphical modeling of carbon-11-meta-hydroxyephedrine kinetics with dynamic PET-CT imaging. <i>EJNMMI Research</i> , 2018, 8, 63. | 2.5 | 9 |
| 67 | Effects of Riociguat on Right Ventricular Remodelling in Chronic Thromboembolic Pulmonary Hypertension Patients: A Prospective Study. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1137-1144. | 1.7 | 9 |
| 68 | [¹⁸ F]-Fluorodeoxyglucose PET/CT imaging as a marker of carotid plaque inflammation: Comparison to immunohistology and relationship to acuity of events. <i>International Journal of Cardiology</i> , 2018, 271, 378-386. | 1.7 | 41 |
| 69 | Coronary artery microvascular dysfunction: Role of sex and arterial load. <i>International Journal of Cardiology</i> , 2018, 270, 42-47. | 1.7 | 18 |
| 70 | Radionuclide Imaging in Decision-Making for Coronary Revascularization in Stable Ischemic Heart Disease. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1. | 0.6 | 2 |
| 71 | [¹⁸ F]-NaF PET/CT Identifies Active Calcification in Carotid Plaque. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 486-488. | 5.3 | 38 |
| 72 | Clinical PET Flow Reserve Imaging. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 578-581. | 5.3 | 4 |

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|----|--|-----|-----------|
| 73 | Inter- and Intraobserver Agreement of ¹⁸ F-FDG PET/CT Image Interpretation in Patients Referred for Assessment of Cardiac Sarcoidosis. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1324-1329. | 5.0 | 32 |
| 74 | Validation of a Multimodality Flow Phantom and Its Application for Assessment of Dynamic SPECT and PET Technologies. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 132-141. | 8.9 | 14 |
| 75 | Radiation Safety in Children With Congenital and Acquired Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 797-818. | 5.3 | 78 |
| 76 | Optimization of SPECT Measurement of Myocardial Blood Flow with Corrections for Attenuation, Motion, and Blood Binding Compared with PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 2013-2019. | 5.0 | 88 |
| 77 | Evaluation of the clinical efficacy of the PeTrack motion tracking system for respiratory gating in cardiac PET imaging. <i>Proceedings of SPIE</i> , 2017, , . | 0.8 | 3 |
| 78 | N-Terminal Pro B-Type Natriuretic Peptide and High-Sensitivity Cardiac Troponin T Levels Are Related to the Extent of Hibernating Myocardium in Patients With Ischemic Heart Failure. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1478-1488. | 1.7 | 20 |
| 79 | Time-frame sampling for ⁸² Rb PET flow quantification: Towards standardization of clinical protocols. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1530-1534. | 2.1 | 6 |
| 80 | Status of cardiovascular PET radiation exposure and strategies for reduction: An Information Statement from the Cardiovascular PET Task Force. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1427-1439. | 2.1 | 24 |
| 81 | Characterization of 3-Dimensional PET Systems for Accurate Quantification of Myocardial Blood Flow. <i>Journal of Nuclear Medicine</i> , 2017, 58, 103-109. | 5.0 | 61 |
| 82 | False-positive stress PET-CT imaging in a patient with interstitial injection. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1447-1450. | 2.1 | 8 |
| 83 | Effects of an endothelin receptor antagonist, Macitentan, on right ventricular substrate utilization and function in a Sugen 5416/hypoxia rat model of severe pulmonary arterial hypertension. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1979-1989. | 2.1 | 23 |
| 84 | Optimally Repeatable Kinetic Model Variant for Myocardial Blood Flow Measurements with ⁸² Rb PET. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-11. | 1.3 | 8 |
| 85 | Dual Spillover Correction for SPECT Myocardial Blood Flow Measurement. , 2017, , . | | 0 |
| 86 | Reply: Variation in Maximum Counting Rates During Myocardial Blood Flow Quantification Using ⁸² Rb PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 519-520. | 5.0 | 3 |
| 87 | Cardiac PET Imaging: Principles and New Developments. , 2017, , 451-483. | | 1 |
| 88 | Randomized Trial Comparing the Effects of Ticagrelor Versus Clopidogrel on Myocardial Perfusion in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 10 |
| 89 | Patient motion effects on the quantification of regional myocardial blood flow with dynamic PET imaging. <i>Medical Physics</i> , 2016, 43, 1829-1840. | 3.0 | 68 |
| 90 | Women Image Wisely. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 385-387. | 5.3 | 7 |

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|-----|---|------|-----------|
| 91 | Long-Term Follow-Up of Outcomes With F-18-Fluorodeoxyglucose Positron Emission Tomography Imaging Assisted Management of Patients With Severe Left Ventricular Dysfunction Secondary to Coronary Disease. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, . | 2.6 | 60 |
| 92 | Reduced Myocardial Flow in Heart Failure Patients With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, . | 3.9 | 99 |
| 93 | PET Metabolic Biomarkers for Cancer. <i>Biomarkers in Cancer</i> , 2016, 8s2, BIC.S27483. | 3.6 | 17 |
| 94 | 82Rb PET imaging of myocardial blood flow have we achieved the 4 R&Ss to support routine use?. <i>EJNMMI Research</i> , 2016, 6, 69. | 2.5 | 6 |
| 95 | Decreased renal AT1 receptor binding in rats after subtotal nephrectomy: PET study with [18F]FPyKYNE-losartan. <i>EJNMMI Research</i> , 2016, 6, 55. | 2.5 | 4 |
| 96 | Clinical PET Myocardial Perfusion Imaging and Flow Quantification. <i>Cardiology Clinics</i> , 2016, 34, 69-85. | 2.2 | 34 |
| 97 | Radionuclide Tracers for Myocardial Perfusion Imaging and Blood Flow Quantification. <i>Cardiology Clinics</i> , 2016, 34, 37-46. | 2.2 | 15 |
| 98 | Respiratory motion resulting in a pseudo-ischemia pattern on stress PET CT imaging. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 159-160. | 2.1 | 6 |
| 99 | Myocardial blood flow quantification by Rb-82 cardiac PET/CT: A detailed reproducibility study between two semi-automatic analysis programs. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 499-510. | 2.1 | 29 |
| 100 | Shifts in myocardial fatty acid and glucose metabolism in pulmonary arterial hypertension: a potential mechanism for a maladaptive right ventricular response. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1424-1431. | 1.2 | 53 |
| 101 | Noninvasive PET Flow Reserve Imaging to Direct Optimal Therapies for Myocardial Ischemia. , 2016, , 153-170. | | 0 |
| 102 | Sci-Fri AM: MRI and Diagnostic Imaging - 05: Comparison of Input Function Measurements from DCE and MOLLI. <i>Medical Physics</i> , 2016, 43, 4952-4952. | 3.0 | 0 |
| 103 | Development of reporter gene imaging techniques for long-term assessment of human circulating angiogenic cells. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 034104. | 3.3 | 1 |
| 104 | Single low-dose CT scan optimized for rest-stress PET attenuation correction and quantification of coronary artery calcium. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 419-428. | 2.1 | 27 |
| 105 | PET imaging of a collagen matrix reveals its effective injection and targeted retention in a mouse model of myocardial infarction. <i>Biomaterials</i> , 2015, 49, 18-26. | 11.4 | 20 |
| 106 | Biodistribution and radiation dosimetry of 82Rb at rest and during peak pharmacological stress in patients referred for myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1032-1042. | 6.4 | 37 |
| 107 | Test retest repeatability of myocardial blood flow and infarct size using 11C-acetate micro-PET imaging in mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1589-1600. | 6.4 | 8 |
| 108 | Reduced dose measurement of absolute myocardial blood flow using dynamic SPECT imaging in a porcine model. <i>Medical Physics</i> , 2015, 42, 5075-5083. | 3.0 | 9 |

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|-----|--|------|-----------|
| 109 | ^{18}F -adrenergic stress evaluation of coronary endothelial-dependent vasodilator function in mice using ^{11}C -acetate micro-PET imaging of myocardial blood flow and oxidative metabolism. EJNMMI Research, 2014, 4, 68. | 2.5 | 6 |
| 110 | Quantification of myocardial blood flow using PET to improve the management of patients with stable ischemic coronary artery disease. Future Cardiology, 2014, 10, 611-631. | 1.2 | 13 |
| 111 | Prevalence of Cardiac Sarcoidosis in Patients Presenting with Monomorphic Ventricular Tachycardia. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 364-374. | 1.2 | 96 |
| 112 | Detection and severity classification of extracardiac interference in ^{82}Rb PET myocardial perfusion imaging. Medical Physics, 2014, 41, 102501. | 3.0 | 7 |
| 113 | Dynamic SPECT Measurement of Absolute Myocardial Blood Flow in a Porcine Model. Journal of Nuclear Medicine, 2014, 55, 1685-1691. | 5.0 | 134 |
| 114 | Effects of Short-Term Continuous Positive Airway Pressure on Myocardial Sympathetic Nerve Function and Energetics in Patients With Heart Failure and Obstructive Sleep Apnea. Circulation, 2014, 130, 892-901. | 1.6 | 80 |
| 115 | Absolute myocardial flow quantification with ^{82}Rb PET/CT: comparison of different software packages and methods. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 126-135. | 6.4 | 77 |
| 116 | SPECT gated blood pool phase analysis of lateral wall motion for prediction of CRT response. International Journal of Cardiovascular Imaging, 2014, 30, 559-569. | 1.5 | 10 |
| 117 | Regional Myocardial Sympathetic Denervation Predicts the Risk of Sudden Cardiac Arrest in Ischemic Cardiomyopathy. Journal of the American College of Cardiology, 2014, 63, 141-149. | 2.8 | 351 |
| 118 | Quantification of Myocardial Blood Flow in Absolute Terms Using ^{82}Rb PET Imaging. JACC: Cardiovascular Imaging, 2014, 7, 1119-1127. | 5.3 | 144 |
| 119 | Feasibility and operator variability of myocardial blood flow and reserve measurements with ^{99m}Tc -sestamibi quantitative dynamic SPECT/CT imaging. Journal of Nuclear Cardiology, 2014, 21, 1075-1088. | 2.1 | 54 |
| 120 | Clinical Interpretation Standards and Quality Assurance for the Multicenter PET/CT Trial Rubidium-ARMI. Journal of Nuclear Medicine, 2014, 55, 58-64. | 5.0 | 40 |
| 121 | Prognostic Value of Rubidium-82 Positron Emission Tomography in Patients After Heart Transplant. Circulation: Cardiovascular Imaging, 2014, 7, 930-937. | 2.6 | 96 |
| 122 | Early diabetes treatment does not prevent sympathetic dysinnervation in the streptozotocin diabetic rat heart. Journal of Nuclear Cardiology, 2014, 21, 829-841. | 2.1 | 10 |
| 123 | The role of integrin $\alpha 2$ in cell and matrix therapy that improves perfusion, viability and function of infarcted myocardium. Biomaterials, 2014, 35, 4749-4758. | 11.4 | 34 |
| 124 | Patient-Centered Imaging. Journal of the American College of Cardiology, 2014, 63, 1480-1489. | 2.8 | 122 |
| 125 | List-mode motion tracking for positron emission tomography imaging using low-activity fiducial markers. , 2014, , . | | 1 |
| 126 | Cardiac Micro-PET-CT. Current Cardiovascular Imaging Reports, 2013, 6, 179-190. | 0.6 | 0 |

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|-----|--|-----|-----------|
| 127 | Insulin restores myocardial presynaptic sympathetic neuronal integrity in insulin-resistant diabetic rats. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 845-856. | 2.1 | 16 |
| 128 | Characterizing the normal range of myocardial blood flow with ⁸² Rb and ¹³ N-ammonia PET imaging. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 578-591. | 2.1 | 54 |
| 129 | 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. | 1.6 | 51 |
| 130 | Testâ€“retest repeatability of quantitative cardiac ¹¹ C-meta-hydroxyephedrine measurements in rats by small animal positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2013, 40, 676-681. | 0.6 | 28 |
| 131 | Cardiac PET: Metabolic and Functional Imaging of the Myocardium. <i>Seminars in Nuclear Medicine</i> , 2013, 43, 434-448. | 4.6 | 31 |
| 132 | Multisoftware Reproducibility Study of Stress and Rest Myocardial Blood Flow Assessed with 3D Dynamic PET/CT and a 1-Tissue-Compartment Model of ⁸² Rb Kinetics. <i>Journal of Nuclear Medicine</i> , 2013, 54, 571-577. | 5.0 | 110 |
| 133 | Preclinical Evaluation of Biopolymer-Delivered Circulating Angiogenic Cells in a Swine Model of Hibernating Myocardium. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 982-991. | 2.6 | 10 |
| 134 | Repeatable Noninvasive Measurement of Mouse Myocardial Glucose Uptake with ¹⁸ F-FDG: Evaluation of Tracer Kinetics in a Type 1 Diabetes Model. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1637-1644. | 5.0 | 35 |
| 135 | Current and Future Clinical Applications of Cardiac Positron Emission Tomography. <i>Circulation Journal</i> , 2013, 77, 836-848. | 1.6 | 25 |
| 136 | Respiratory phase alignment improves blood-flow quantification in ⁸² Rb PET myocardial perfusion imaging. <i>Medical Physics</i> , 2013, 40, 022503. | 3.0 | 16 |
| 137 | PET Radiopharmaceuticals. , 2013, , 115-125. | | 0 |
| 138 | Measuring coronary artery calcification using positron emission tomography-computed tomography attenuation correction images. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 786-792. | 1.2 | 43 |
| 139 | A three-dimensional model-based partial volume correction strategy for gated cardiac mouse PET imaging. <i>Physics in Medicine and Biology</i> , 2012, 57, 4309-4334. | 3.0 | 7 |
| 140 | ¹⁸ F-FDG Cell Labeling May Underestimate Transplanted Cell Homing: More Accurate, Efficient, and Stable Cell Labeling with Hexadecyl-4-[¹⁸ F]Fluorobenzoate for in Vivo Tracking of Transplanted Human Progenitor Cells by Positron Emission Tomography. <i>Cell Transplantation</i> , 2012, 21, 1821-1835. | 2.5 | 29 |
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| 142 | Does Rubidium-82 PET Have Superior Accuracy to SPECT Perfusion Imaging for the Diagnosis of Obstructive Coronary Disease?. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1828-1837. | 2.8 | 297 |
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