

James T Thackeray

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,853
citations

279487

23
h-index

276539

41
g-index

67
all docs

67
docs citations

67
times ranked

1972
citing authors

#	ARTICLE	IF	CITATIONS
1	Fantastic voyage: Catheter-based quantification of tracer distribution on a miniature scale. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 677-679.	1.4	0
2	CXCR4-Targeted Imaging of Post-Infarct Myocardial Tissue Inflammation. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 372-374.	2.3	17
3	Cardiac Fibroblast Activation in Patients Early After Acute Myocardial Infarction: Integration with MR Tissue Characterization and Subsequent Functional Outcome. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1415-1423.	2.8	36
4	Characterizing the transition from immune response to tissue repair after myocardial infarction by multiparametric imaging. <i>Basic Research in Cardiology</i> , 2022, 117, 14.	2.5	14
5	Good Things in Small Packages: Growth and Potential of Theragnostic Platforms in Cardiovascular Medicine. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	1.3	0
6	Dissecting the target leukocyte subpopulations of clinically relevant inflammation radiopharmaceuticals. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1636-1645.	1.4	32
7	Does lipid-lowering medication improve cardiac sympathetic nerve integrity?. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1458-1460.	1.4	1
8	Molecular imaging of fibroblast activation protein after myocardial infarction using the novel radiotracer [⁶⁸ Ga]MHLL1. <i>Theranostics</i> , 2021, 11, 7755-7766.	4.6	25
9	Molecular imaging of inflammation crosstalk along the cardio-renal axis following acute myocardial infarction. <i>Theranostics</i> , 2021, 11, 7984-7994.	4.6	22
10	Molecular Imaging of Inflammation and Fibrosis in Pressure Overload Heart Failure. <i>Circulation Research</i> , 2021, 129, 369-382.	2.0	26
11	Molecular Imaging Using Cardiac PET/CT: Opportunities to Harmonize Diagnosis and Therapy. <i>Current Cardiology Reports</i> , 2021, 23, 96.	1.3	3
12	The right stuff? Imaging cardiac sympathetic neuronal integrity of the right ventricle in pulmonary arterial hypertension. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 423-426.	1.4	0
13	Mars Shot for Nuclear Medicine, Molecular Imaging, and Molecularly Targeted Radiopharmaceutical Therapy. <i>Journal of Nuclear Medicine</i> , 2021, 62, 6-14.	2.8	13
14	Anthracycline-free tumor elimination in mice leads to functional and molecular cardiac recovery from cancer-induced alterations in contrast to long-lasting doxorubicin treatment effects. <i>Basic Research in Cardiology</i> , 2021, 116, 61.	2.5	11
15	Fibrin-Targeted PET/CMR in Atrial Fibrillation. <i>JACC: Cardiovascular Imaging</i> , 2021, , .	2.3	0
16	Accuracy of cardiac functional parameters measured from gated radionuclide myocardial perfusion imaging in mice. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 1317-1327.	1.4	10
17	Multimodality Imaging of Inflammation and Ventricular Remodeling in Pressure-Overload Heart Failure. <i>Journal of Nuclear Medicine</i> , 2020, 61, 590-596.	2.8	23
18	Radionuclide Image-Guided Repair of the Heart. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2415-2429.	2.3	29

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19	¹¹ C-Methionine PET Identifies Astroglia Involvement in Heart-Brain Inflammation Networking After Acute Myocardial Infarction. <i>Journal of Nuclear Medicine</i> , 2020, 61, 977-980.	2.8	18
20	Reliable quantification of myocardial sympathetic innervation and regional denervation using [¹¹ C]meta-hydroxyephedrine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1722-1735.	3.3	7
21	Radionuclide Imaging of the Molecular Mechanisms Linking Heart and Brain in Ischemic Syndromes. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, .	1.3	4
22	Molecular imaging-guided repair after acute myocardial infarction by targeting the chemokine receptor CXCR4. <i>European Heart Journal</i> , 2020, 41, 3564-3575.	1.0	52
23	Sound and Fibroblast Activation Protein Inhibitor. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011603.	1.3	2
24	Angiotensin-converting enzyme inhibitor treatment early after myocardial infarction attenuates acute cardiac and neuroinflammation without effect on chronic neuroinflammation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1757-1768.	3.3	29
25	The Changing Face of Nuclear Cardiology: Guiding Cardiovascular Care Toward Molecular Medicine. <i>Journal of Nuclear Medicine</i> , 2020, 61, 951-961.	2.8	31
26	Imaging inflammation in cardiovascular disease: translational perspective and overview. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 64, 1-3.	0.4	3
27	New Tricks for an Aging Dog. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009452.	1.3	1
28	Recent Updates on Molecular Imaging Reporting and Data Systems (MI-RADS) for Theranostic Radiotracers- Navigating Pitfalls of SSTR- and PSMA-Targeted PET/CT. <i>Journal of Clinical Medicine</i> , 2019, 8, 1060.	1.0	20
29	Reproducibility and Comparability of Preclinical PET Imaging Data: A Multicenter Small-Animal PET Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1483-1491.	2.8	20
30	Anesthesia and Preconditioning Induced Changes in Mouse Brain [¹⁸ F] FDG Uptake and Kinetics. <i>Molecular Imaging and Biology</i> , 2019, 21, 1089-1096.	1.3	18
31	Imaging the Molecular Footprints of the Heart-Brain Axis in Cardiovascular Disease. <i>Journal of Nuclear Medicine</i> , 2019, 60, 728-729.	2.8	14
32	Preclinical Multimodality Imaging and Image Fusion in Cardiovascular Disease. , 2019, , 161-181.		1
33	Myocardial Inflammation Predicts Remodeling and Neuroinflammation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 263-275.	1.2	199
34	Imaging Characteristics and First Experience of [⁶⁸ Ga]THP-PSMA, a Novel Probe for Rapid Kit-Based Ga-68 Labeling and PET Imaging: Comparative Analysis with [⁶⁸ Ga]PSMA I&T. <i>Molecular Imaging and Biology</i> , 2018, 20, 650-658.	1.3	22
35	Gauging Cardiac Repair and Regeneration with New Molecular Probes. <i>Journal of Nuclear Medicine</i> , 2018, 59, 549-550.	2.8	6
36	PSA-stratified detection rates for [⁶⁸ Ga]THP-PSMA, a novel probe for rapid kit-based ⁶⁸ Ga-labeling and PET imaging, in patients with biochemical recurrence after primary therapy for prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 913-922.	3.3	34

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37	Regional Myocardial Perfusion Disturbance in Experimental Chronic Chagas Cardiomyopathy. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1430-1436.	2.8	13
38	PET Assessment of Immune Cell Activity and Therapeutic Monitoring Following Myocardial Infarction. <i>Current Cardiology Reports</i> , 2018, 20, 13.	1.3	8
39	Clinical Molecular Imaging of Chemokine Receptor CXCR4 Expression in Atherosclerotic Plaque Using ⁶⁸ Ga-Pentixafor PET: Correlation with Cardiovascular Risk Factors and Calcified Plaque Burden. <i>Journal of Nuclear Medicine</i> , 2018, 59, 266-272.	2.8	92
40	Current and Emerging Preclinical Approaches for Imaging-Based Characterization of Atherosclerosis. <i>Molecular Imaging and Biology</i> , 2018, 20, 869-887.	1.3	19
41	Molecular Imaging of Myocardial Inflammation With Positron Emission Tomography Post-Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1340-1355.	2.3	57
42	Imaging of chemokine receptor CXCR4 expression in culprit and nonculprit coronary atherosclerotic plaque using motion-corrected [68Ga]pentixafor PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1934-1944.	3.3	58
43	Simultaneous dual-isotope solid-state detector SPECT for improved tracking of white blood cells in suspected endocarditis. <i>European Heart Journal</i> , 2017, 38, ehw231.	1.0	39
44	Low STAT3 expression sensitizes to toxic effects of β -adrenergic receptor stimulation in peripartum cardiomyopathy. <i>European Heart Journal</i> , 2017, 38, ehw086.	1.0	87
45	Specificity vs versatility: A fine balance for novel targeted molecular imaging radiotracers. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 571-573.	1.4	1
46	Insulin supplementation attenuates cancer-induced cardiomyopathy and slows tumor disease progression. <i>JCI Insight</i> , 2017, 2, .	2.3	37
47	Targeting Amino Acid Metabolism for Molecular Imaging of Inflammation Early After Myocardial Infarction. <i>Theranostics</i> , 2016, 6, 1768-1779.	4.6	56
48	Evaluation of ⁶⁸ Ga-Glutamate Carboxypeptidase II Ligand Positron Emission Tomography for Clinical Molecular Imaging of Atherosclerotic Plaque Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2213-2219.	1.1	12
49	Diagnostic accuracy of cadmium-zinc-telluride-based myocardial perfusion SPECT: impact of attenuation correction using a co-registered external computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1036-1043.	0.5	25
50	Translational Molecular Nuclear Cardiology. <i>Cardiology Clinics</i> , 2016, 34, 187-198.	0.9	9
51	PET imaging of the autonomic nervous system. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 60, 362-82.	0.4	20
52	Impact of Image-Derived Input Function and Fit Time Intervals on Patlak Quantification of Myocardial Glucose Uptake in Mice. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1615-1621.	2.8	20
53	Cardiac β -Adrenoceptor Expression Is Reduced in Zucker Diabetic Fatty Rats as Type-2 Diabetes Progresses. <i>PLoS ONE</i> , 2015, 10, e0127581.	1.1	10
54	Molecular Imaging of the Chemokine Receptor CXCR4 After Acute Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1417-1426.	2.3	159

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55	Clinically relevant strategies for lowering cardiomyocyte glucose uptake for 18F-FDG imaging of myocardial inflammation in mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 771-780.	3.3	53
56	Insulin therapy normalizes reduced myocardial β^2 -adrenoceptors at both the onset and after sustained hyperglycemia in diabetic rats. <i>Life Sciences</i> , 2015, 132, 101-107.	2.0	7
57	Targeting post-infarct inflammation by PET imaging: comparison of 68Ga-citrate and 68Ga-DOTATATE with 18F-FDG in a mouse model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 317-327.	3.3	60
58	Introducing Fellowship Programs: Cardiovascular Nuclear Imaging at Hannover Medical School, Germany. <i>Annals of Nuclear Cardiology</i> , 2015, 1, 98-102.	0.0	1
59	Early diabetes treatment does not prevent sympathetic dysinnervation in the streptozotocin diabetic rat heart. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 829-841.	1.4	10
60	Insulin restores myocardial presynaptic sympathetic neuronal integrity in insulin-resistant diabetic rats. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 845-856.	1.4	16
61	Testâ€“retest repeatability of quantitative cardiac 11C-meta-hydroxyephedrine measurements in rats by small animal positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2013, 40, 676-681.	0.3	28
62	Assessment of cardiac autonomic neuronal function using PET imaging. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 150-165.	1.4	56
63	Reduced CGP12177 binding to cardiac β^2 -adrenoceptors in hyperglycemic high-fat-diet-fed, streptozotocin-induced diabetic rats. <i>Nuclear Medicine and Biology</i> , 2011, 38, 1059-1066.	0.3	19
64	Sympathetic nervous dysregulation in the absence of systolic left ventricular dysfunction in a rat model of insulin resistance with hyperglycemia. <i>Cardiovascular Diabetology</i> , 2011, 10, 75.	2.7	59
65	Alterations of pre- and postsynaptic noradrenergic signaling in a rat model of adriamycin-induced cardiotoxicity. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 254-263.	1.4	37
66	Presence of Specific 11C-meta-Hydroxyephedrine Retention in Heart, Lung, Pancreas, and Brown Adipose Tissue. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1733-1740.	2.8	41
67	PET Imaging of Autonomic Innervation and Receptors. , 0, , 203-235.		1