

Jason Lee

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,779
citations

257450

24
h-index

289244

40
g-index

67
all docs

67
docs citations

67
times ranked

3385
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo imaging of mitochondrial membrane potential in non-small-cell lung cancer. <i>Nature</i> , 2019, 575, 380-384.	27.8	143
2	The GSK3 Signaling Axis Regulates Adaptive Glutamine Metabolism in Lung Squamous Cell Carcinoma. <i>Cancer Cell</i> , 2018, 33, 905-921.e5.	16.8	135
3	Targeted Inhibition of EGFR and Glutaminase Induces Metabolic Crisis in EGFR Mutant Lung Cancer. <i>Cell Reports</i> , 2017, 18, 601-610.	6.4	125
4	Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification. <i>Cell Stem Cell</i> , 2017, 20, 218-232.e5.	11.1	86
5	The Utility of Endovascular Simulation to Improve Technical Performance and Stimulate Continued Interest of Preclinical Medical Students in Vascular Surgery. <i>Journal of Surgical Education</i> , 2009, 66, 367-373.	2.5	81
6	Cytoplasmic p53 couples oncogene-driven glucose metabolism to apoptosis and is a therapeutic target in glioblastoma. <i>Nature Medicine</i> , 2017, 23, 1342-1351.	30.7	79
7	Detection of immune responses after immunotherapy in glioblastoma using PET and MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10220-10225.	7.1	79
8	[¹⁸ F]CFA as a clinically translatable probe for PET imaging of deoxycytidine kinase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4027-4032.	7.1	68
9	Comparative Analysis of T Cell Imaging with Human Nuclear Reporter Genes. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1055-1060.	5.0	66
10	Estrogen receptor β controls metabolism in white and brown adipocytes by regulating <i>Polg1</i> and mitochondrial remodeling. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	64
11	Molecular Imaging of Chimeric Antigen Receptor T Cells by ICOS-ImmunoPET. <i>Clinical Cancer Research</i> , 2021, 27, 1058-1068.	7.0	53
12	Novel PET Probes Specific for Deoxycytidine Kinase. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1092-1098.	5.0	51
13	Structure-guided Engineering of Human Thymidine Kinase 2 as a Positron Emission Tomography Reporter Gene for Enhanced Phosphorylation of Non-natural Thymidine Analog Reporter Probe*. <i>Journal of Biological Chemistry</i> , 2012, 287, 446-454.	3.4	45
14	Synthesis and preclinical evaluation of an Al ¹⁸ F radiofluorinated GLU-UREA-LYS(AHX)-HBED-CC PSMA ligand. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2122-2130.	6.4	42
15	An HK2 Antisense Oligonucleotide Induces Synthetic Lethality in HK1 ⁺ HK2 ⁺ Multiple Myeloma. <i>Cancer Research</i> , 2019, 79, 2748-2760.	0.9	41
16	Co-targeting of convergent nucleotide biosynthetic pathways for leukemia eradication. <i>Journal of Experimental Medicine</i> , 2014, 211, 473-486.	8.5	34
17	Performing radiosynthesis in microvolumes to maximize molar activity of tracers for positron emission tomography. <i>Communications Chemistry</i> , 2018, 1, .	4.5	33
18	Performance evaluation of HiPET, a high sensitivity and high resolution preclinical PET tomograph. <i>Physics in Medicine and Biology</i> , 2020, 65, 045009.	3.0	30

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19	Change in Aortic Neck Diameter after Endovascular Aortic Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2017, 43, 115-120.	0.9	29
20	Identification of miRNA signatures associated with radiation-induced late lung injury in mice. <i>PLoS ONE</i> , 2020, 15, e0232411.	2.5	29
21	Microscale radiosynthesis, preclinical imaging and dosimetry study of [18F]AMBF3-TATE: A potential PET tracer for clinical imaging of somatostatin receptors. <i>Nuclear Medicine and Biology</i> , 2018, 61, 36-44.	0.6	26
22	Development of New Deoxycytidine Kinase Inhibitors and Noninvasive in Vivo Evaluation Using Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6696-6708.	6.4	25
23	A Comparison of Training Experience, Training Satisfaction, and Job Search Experiences between Integrated Vascular Surgery Residency and Traditional Vascular Surgery Fellowship Graduates. <i>Annals of Vascular Surgery</i> , 2015, 29, 1333-1338.	0.9	25
24	A precision therapeutic strategy for hexokinase 1-null, hexokinase 2-positive cancers. <i>Cancer & Metabolism</i> , 2018, 6, 7.	5.0	25
25	Performance Evaluation of G8, a High-Sensitivity Benchtop Preclinical PET/CT Tomograph. <i>Journal of Nuclear Medicine</i> , 2019, 60, 142-149.	5.0	25
26	Radiochemistry on electrodes: Synthesis of an 18F-labelled and in vivo stable COX-2 inhibitor. <i>PLoS ONE</i> , 2017, 12, e0176606.	2.5	24
27	Stratification of Nucleoside Analog Chemotherapy Using 1-(2-Deoxy-2-18F-Fluoro-β-D-Arabinofuranosyl)Cytosine and 1-(2-Deoxy-2-18F-Fluoro-β-D-Arabinofuranosyl)-5-Methylcytosine PET. <i>Journal of Nuclear Medicine</i> , 2012, 53, 275-280.	5.0	22
28	Effects of teriparatide on morphology of aortic calcification in aged hyperlipidemic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1203-H1213.	3.2	22
29	Rigor and Reproducibility in Analysis of Vascular Calcification. <i>Circulation Research</i> , 2017, 120, 1240-1242.	4.5	20
30	Multimodal imaging guides surgical management in a preclinical spinal implant infection model. <i>JCI Insight</i> , 2019, 4, .	5.0	19
31	The model for Fundamentals of Endovascular Surgery (FEVS) successfully defines the competent endovascular surgeon. <i>Journal of Vascular Surgery</i> , 2015, 62, 1660-1666.e3.	1.1	18
32	Comparative Analysis of Human Nucleoside Kinase-Based Reporter Systems for PET Imaging. <i>Molecular Imaging and Biology</i> , 2017, 19, 100-108.	2.6	17
33	Treating Superficial Venous Thrombophlebitis. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2008, 6, 760-765.	4.9	16
34	BIRC5 is a target for molecular imaging and detection of human pancreatic cancer. <i>Cancer Letters</i> , 2019, 457, 10-19.	7.2	16
35	Quantification of suprarenal aortic neck dilation after fenestrated endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2021, 73, 31-38.	1.1	13
36	Automatic concentration and reformulation of PET tracers via microfluidic membrane distillation. <i>Lab on A Chip</i> , 2017, 17, 1802-1816.	6.0	12

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37	“Cheese Wire” Fenestration of Dissection Intimal Flap to Facilitate Thoracic Endovascular Aortic Repair in Chronic Dissection. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 150-154.e2.	0.5	12
38	Contemporary Practices and Complications of Surgery for Thoracic Outlet Syndrome in the United States. <i>Annals of Vascular Surgery</i> , 2021, 72, 147-158.	0.9	12
39	The 4-N-acyl and 4-N-alkyl gemcitabine analogues with silicon-fluoride-acceptor: Application to 18F-Radiolabeling. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 314-324.	5.5	11
40	Introducing a new reporter gene, membrane-anchored Cypridina luciferase, for multiplex bioluminescence imaging. <i>Molecular Therapy - Oncolytics</i> , 2021, 21, 15-22.	4.4	11
41	Improved midterm outcomes after endovascular repair of nontraumatic descending thoracic aortic rupture compared with open surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 2004-2012.	0.8	10
42	Utilizing ¹⁸ F-FDG PET/CT Imaging and Quantitative Histology to Measure Dynamic Changes in the Glucose Metabolism in Mouse Models of Lung Cancer. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
43	Predictors of sac regression after fenestrated endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2022, 75, 433-438.	1.1	8
44	Real-World Outcomes of EKOS Ultrasound-Enhanced Catheter-Directed Thrombolysis for Acute Limb Ischemia. <i>Annals of Vascular Surgery</i> , 2020, 66, 479-485.	0.9	7
45	Å1-Adrenergic Receptor Polymorphisms and Response to Å-Blockade in the African-American Study of Kidney Disease and Hypertension (AASK). <i>American Journal of Hypertension</i> , 2011, 24, 694-700.	2.0	6
46	Cardiopulmonary-induced deformations of the thoracic aorta following thoracic endovascular aortic repair. <i>Vascular</i> , 2019, 27, 181-189.	0.9	6
47	Ex Vivo Radiolabeling and In Vivo PET Imaging of T Cells Expressing Nuclear Reporter Genes. <i>Methods in Molecular Biology</i> , 2018, 1790, 153-163.	0.9	5
48	Mid-Term Survival after Thoracic Endovascular Aortic Repair by Indication in the Medicare Population. <i>Journal of the American College of Surgeons</i> , 2021, 232, 46-53.e2.	0.5	5
49	Unique Complications and Failure Modes of Iliac Branch Devices. <i>Annals of Vascular Surgery</i> , 2021, 76, 73-79.	0.9	5
50	Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 283-291.	0.6	4
51	Imaging T Cell Dynamics and Function Using PET and Human Nuclear Reporter Genes. <i>Methods in Molecular Biology</i> , 2018, 1790, 165-180.	0.9	4
52	Fenestrated Endovascular Repair With Large Device Diameters (34–36 mm) is Associated With Type 1 and 3 Endoleak and Reintervention. <i>Annals of Vascular Surgery</i> , 2022, 80, 235-240.	0.9	4
53	Safety and Biodistribution Profile of Poly(styrenyl acetal trehalose) and Its Granulocyte Colony Stimulating Factor Conjugate. <i>Biomacromolecules</i> , 2022, 23, 3383-3395.	5.4	4
54	In vivo characterization of [18F]AVT-011 as a radiotracer for PET imaging of multidrug resistance. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2026-2035.	6.4	3

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55	Acute Type A Dissection Causing Impending Rupture of Abdominal Aortic Aneurysm Previously Treated with EVAR. <i>Annals of Vascular Surgery</i> , 2020, 65, 289.e7-289.e11.	0.9	3
56	Paclitaxel exposure and long-term mortality of patients treated with the Zilver PTX drug-eluting stent. <i>Vascular</i> , 2021, 29, 170853812096437.	0.9	2
57	Even More Real World Data Regarding ChEVAR Continuing to Show Consistent Results. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 785.	1.5	2
58	Modeling Mixed Vascular and Alzheimer's Dementia Using Focal Subcortical Ischemic Stroke in Human ApoE4-TR:5XFAD Transgenic Mice. <i>Translational Stroke Research</i> , 2020, 11, 1064-1076.	4.2	2
59	The Triple Wire Technique for Delivery of Endovascular Components in Difficult Anatomy. <i>Annals of Vascular Surgery</i> , 2021, 70, 197-201.	0.9	1
60	Bicycle exercise ankle-brachial index recovery time as a novel metric for evaluating the hemodynamic significance of external iliac endofibrosis in competitive cyclists. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2021, 7, 681-685.	0.6	1
61	Imaging in Immunology Research. , 2011, , 565-583.		1
62	Reply:. <i>PM and R</i> , 2010, 2, 581-582.	1.6	0
63	Reply. <i>Journal of Vascular Surgery</i> , 2021, 74, 344.	1.1	0
64	Late Venous Thoracic Outlet Syndrome After Anatomic Fixation of a Diaphyseal Clavicle Fracture. <i>JBJS Case Connector</i> , 2021, 11, .	0.3	0
65	Fenestrated Aortic Aneurysm Repair in Patients Treated Inside Versus Outside of Instructions for Use. <i>Journal of Endovascular Therapy</i> , 2022, , 152660282110687.	1.5	0