

Delphine L Chen

List of Publications by Year in descending order

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48
papers

1,208
citations

394421

19
h-index

395702

33
g-index

48
all docs

48
docs citations

48
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	Positron emission tomography with [18F]fluorodeoxyglucose to evaluate neutrophil kinetics during acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L834-L840.	2.9	103
2	Quantifying Pulmonary Inflammation in Cystic Fibrosis with Positron Emission Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1363-1369.	5.6	91
3	FDG-PET imaging of pulmonary inflammation in healthy volunteers after airway instillation of endotoxin. <i>Journal of Applied Physiology</i> , 2006, 100, 1602-1609.	2.5	76
4	Synthesis, [18F] radiolabeling, and evaluation of poly (ADP-ribose) polymerase-1 (PARP-1) inhibitors for in vivo imaging of PARP-1 using positron emission tomography. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1700-1707.	3.0	64
5	Chemokine Receptor 2â€“targeted Molecular Imaging in Pulmonary Fibrosis. A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 78-89.	5.6	61
6	[18F]Fluorodeoxyglucose Positron Emission Tomography for Lung Antiinflammatory Response Evaluation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 533-539.	5.6	57
7	PET of Poly (ADP-Ribose) Polymerase Activity in Cancer: Preclinical Assessment and First In-Human Studies. <i>Radiology</i> , 2017, 282, 453-463.	7.3	57
8	Quantification of Lung PET Images: Challenges and Opportunities. <i>Journal of Nuclear Medicine</i> , 2017, 58, 201-207.	5.0	55
9	Imaging Caspase-3 Activation as a Marker of Apoptosis-Targeted Treatment Response in Cancer. <i>Molecular Imaging and Biology</i> , 2015, 17, 384-393.	2.6	49
10	Design and Synthesis of 2-Amino-4-methylpyridine Analogues as Inhibitors for Inducible Nitric Oxide Synthase and in Vivo Evaluation of [¹⁸ F]6-(2-Fluoropropyl)-4-methyl-pyridin-2-amine as a Potential PET Tracer for Inducible Nitric Oxide Synthase. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2443-2453.	6.4	48
11	Long-range function of secreted small nucleolar RNAs that direct 2â€²-O-methylation. <i>Journal of Biological Chemistry</i> , 2018, 293, 13284-13296.	3.4	48
12	Imaging Pulmonary Inflammation with Positron Emission Tomography:â€” A Biomarker for Drug Development. <i>Molecular Pharmaceutics</i> , 2006, 3, 488-495.	4.6	44
13	Molecular imaging of lung glucose uptake after endotoxin in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L760-L768.	2.9	43
14	Imaging Pulmonary Inducible Nitric Oxide Synthase Expression with PET. <i>Journal of Nuclear Medicine</i> , 2015, 56, 76-81.	5.0	41
15	Comparison of methods to quantitate 18F-FDG uptake with PET during experimental acute lung injury. <i>Journal of Nuclear Medicine</i> , 2004, 45, 1583-90.	5.0	41
16	Comparison of radiolabeled isatin analogs for imaging apoptosis with positron emission tomography. <i>Nuclear Medicine and Biology</i> , 2009, 36, 651-658.	0.6	40
17	Imaging Pulmonary Inflammation. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1764-1770.	5.0	28
18	PET imaging approaches for inflammatory lung diseases: Current concepts and future directions. <i>European Journal of Radiology</i> , 2017, 86, 371-376.	2.6	23

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19	An obligatory role for club cells in preventing obliterative bronchiolitis in lung transplants. <i>JCI Insight</i> , 2019, 4, .	5.0	23
20	Radiolabeled isatin binding to caspase-3 activation induced by anti-Fas antibody. <i>Nuclear Medicine and Biology</i> , 2012, 39, 137-144.	0.6	22
21	Advances in Positron Emission Tomographic Imaging of Lung Cancer. <i>Proceedings of the American Thoracic Society</i> , 2005, 2, 541-544.	3.5	20
22	Multimodality molecular imaging of the lung. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1409-1420.	3.4	17
23	Update 2018. <i>Clinical Nuclear Medicine</i> , 2018, 43, e439-e452.	1.3	15
24	FDG PET Imaging in Cystic Fibrosis. <i>Seminars in Nuclear Medicine</i> , 2013, 43, 412-419.	4.6	13
25	Synthesis and evaluation of 18F-labeled PPAR α antagonists. <i>Nuclear Medicine and Biology</i> , 2012, 39, 77-87.	0.6	12
26	Failure of Cyclosporin A to Rescue Peripheral Nerve Allografts in Acute Rejection. <i>Annals of Plastic Surgery</i> , 2002, 49, 660-667.	0.9	11
27	PET imaging of in vivo caspase-3/7 activity following myocardial ischemia-reperfusion injury with the radiolabeled isatin sulfonamide analogue [(18)F]WC-4-116. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 6, 110-9.	1.0	11
28	Neutrophils and Neutrophil Products Do Not Mediate Pulmonary Hemodynamic Effects of Endotoxin on Oleic Acid-Induced Lung Injury. <i>Anesthesia and Analgesia</i> , 2004, 98, 452-457.	2.2	8
29	Consensus Recommendations on the Use of 18F-FDG PET/CT in Lung Disease. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1701-1707.	5.0	8
30	Selective Imaging of Lung Macrophages Using [11C]PBR28-Based Positron Emission Tomography. <i>Molecular Imaging and Biology</i> , 2021, 23, 905-913.	2.6	8
31	Molecular imaging for pediatric lung diseases. <i>Pediatric Pulmonology</i> , 2004, 37, 286-296.	2.0	7
32	The peroxisome proliferator-activated receptor agonist pioglitazone and 5-lipoxygenase inhibitor zileuton have no effect on lung inflammation in healthy volunteers by positron emission tomography in a single-blind placebo-controlled cohort study. <i>PLoS ONE</i> , 2018, 13, e0191783.	2.5	7
33	Glypican-3 targeted delivery of 89Zr and 90Y as a theranostic radionuclide platform for hepatocellular carcinoma. <i>Scientific Reports</i> , 2021, 11, 3731.	3.3	7
34	Glypican-3 Targeted ²²⁷ Th α -Therapy Reduces Tumor Burden in an Orthotopic Xenograft Murine Model of Hepatocellular Carcinoma. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1033-1038.	5.0	7
35	Automated production of a sphingosine-1 phosphate receptor 1 (S1P1) PET radiopharmaceutical [11C]CS1P1 for human use. <i>Applied Radiation and Isotopes</i> , 2019, 152, 30-36.	1.5	6
36	Concurrent Pembrolizumab with AVD for Untreated Classical Hodgkin Lymphoma. <i>Blood</i> , 2021, 138, 233-233.	1.4	6

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37	Pain responses in patients with upper-extremity disorders. <i>Journal of Hand Surgery</i> , 1998, 23, 954-955.	1.6	5
38	Molecular Imaging of Enzyme Function in Lungs. <i>Methods in Enzymology</i> , 2004, 385, 315-333.	1.0	4
39	Radiologic Assessment of Groin Lymph Nodes in Pelvic Malignancies. <i>International Journal of Gynecological Cancer</i> , 2020, 30, 947-953.	2.5	4
40	How Accurately does PSMA Inhibitor 18F-DCFPyL-PET-CT Image Prostate Cancer?. <i>Clinical Cancer Research</i> , 2021, 27, 3512-3514.	7.0	4
41	Overview of positron emission tomography in functional imaging of the lungs for diffuse lung diseases. <i>British Journal of Radiology</i> , 2022, 95, 20210824.	2.2	3
42	The Development of ¹⁸ F Fluorothalimide: A PET Radiotracer for Imaging Poly (ADP-Ribose) Polymerase-1. <i>Radiology Imaging Cancer</i> , 2022, 4, e210070.	1.6	3
43	Multimodality molecular imaging of the lung. <i>Clinical and Translational Imaging</i> , 2014, 2, 391-401.	2.1	2
44	Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia on Somatostatin Receptor Imaging. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1223-1225.	5.6	2
45	PET Imaging of PARP Expression Using 18F-Olaparib. <i>Journal of Nuclear Medicine</i> , 2019, 60, 502-503.	5.0	2
46	Promising Advances for Imaging Lung Macrophage Recruitment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 11-13.	5.6	2
47	Title is missing!. <i>Journal of Hand Surgery</i> , 1998, 23, 953-954.	1.6	0
48	Prognostic value of early FDG PET response imaging and peripheral immunologic biomarkers: sub-study of a phase II trial of risk-adaptive chemoradiation for unresectable non-small cell lung cancer. <i>Advances in Radiation Oncology</i> , 2021, 7, 100857.	1.2	0