

Wei Fang

List of Publications by Year in descending order

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52
papers

907
citations

516710

16
h-index

501196

28
g-index

55
all docs

55
docs citations

55
times ranked

1401
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of chronic thromboembolic pulmonary hypertension. <i>Nuclear Medicine Communications</i> , 2012, 33, 459-463.	1.1	136
2	Heterogeneity in Lung ¹⁸ F-DG Uptake in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2013, 128, 1214-1224.	1.6	107
3	Comparison of ¹⁸ F-FDG uptake by Right Ventricular Myocardium in Idiopathic Pulmonary Arterial Hypertension and Pulmonary Arterial Hypertension Associated with Congenital Heart Disease. <i>Pulmonary Circulation</i> , 2012, 2, 365-372.	1.7	55
4	The Ratio of ¹⁸ F-FDG Activity Uptake Between the Right and Left Ventricle in Patients With Pulmonary Hypertension Correlates With the Right Ventricular Function. <i>Clinical Nuclear Medicine</i> , 2014, 39, 426-430.	1.3	32
5	Comparison of V/Q SPECT and CT Angiography for the Diagnosis of Chronic Thromboembolic Pulmonary Hypertension. <i>Radiology</i> , 2020, 296, 420-429.	7.3	32
6	Evaluation of right ventricular volume and ejection fraction by gated ¹⁸ F-FDG PET in patients with pulmonary hypertension: Comparison with cardiac MRI and CT. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 242-252.	2.1	28
7	Anti-influenza triterpenoid saponins (saikosaponins) from the roots of <i>Bupleurum marginatum</i> var. <i>stenophyllum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1654-1659.	2.2	27
8	Comparison of biological properties of ^{99m} Tc-labeled cyclic RGD Peptide trimer and dimer useful as SPECT radiotracers for tumor imaging. <i>Nuclear Medicine and Biology</i> , 2016, 43, 661-669.	0.6	25
9	Relationship of myocardial hibernation, scar, and angiographic collateral flow in ischemic cardiomyopathy with coronary chronic total occlusion. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1720-1730.	2.1	25
10	Assessment of cardiac amyloidosis with ^{99m} Tc-pyrophosphate (PYP) quantitative SPECT. <i>EJNMMI Physics</i> , 2021, 8, 3.	2.7	25
11	Runx2 (Runt-Related Transcription Factor 2)-Mediated Microcalcification Is a Novel Pathological Characteristic and Potential Mediator of Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1352-1369.	2.4	24
12	SPECT imaging of myocardial infarction using ^{99m} Tc-labeled C2A domain of synaptotagmin I in a porcine ischemia-reperfusion model. <i>Nuclear Medicine and Biology</i> , 2007, 34, 917-923.	0.6	23
13	Free Triiodothyronine Level Correlates with Myocardial Injury and Prognosis in Idiopathic Dilated Cardiomyopathy: Evidence from Cardiac MRI and SPECT/PET Imaging. <i>Scientific Reports</i> , 2016, 6, 39811.	3.3	22
14	Chinese multi-center study of lung scintigraphy and CT pulmonary angiography for the diagnosis of pulmonary embolism. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 1799-1805.	1.5	20
15	Comparison of ^{99m} Tc-MIBI SPECT/ ¹⁸ F-FDG PET Imaging and Cardiac Magnetic Resonance Imaging in Patients With Idiopathic Dilated Cardiomyopathy. <i>Clinical Nuclear Medicine</i> , 2012, 37, 1163-1169.	1.3	18
16	Myocardial blood flow quantitation in patients with congestive heart failure: head-to-head comparison between rapid-rotating gantry SPECT and CZT SPECT. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2287-2302.	2.1	17
17	⁶⁸ Ga-FAPI right heart uptake in a patient with idiopathic pulmonary arterial hypertension. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1475-1477.	2.1	17
18	Quantitative assessment of right ventricular glucose metabolism in idiopathic pulmonary arterial hypertension patients: a longitudinal study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1161-1168.	1.2	16

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19	Combination of F-ASO and Targeted Medical Therapy in Patients With Secundum ASD and Severe PAH. JACC: Cardiovascular Interventions, 2020, 13, 2024-2034.	2.9	16
20	A Prospective, Comparative Study of Ventilation-Perfusion Planar Imaging and Ventilation-Perfusion SPECT for Chronic Thromboembolic Pulmonary Hypertension. Journal of Nuclear Medicine, 2020, 61, 1832-1838.	5.0	16
21	Myocardial ischemia in patients with dilated cardiomyopathy. Nuclear Medicine Communications, 2010, 31, 981-984.	1.1	15
22	Avoiding full corrections in dynamic SPECT images impacts the performance of SPECT myocardial blood flow quantitation. Journal of Nuclear Cardiology, 2017, 24, 1332-1346.	2.1	15
23	⁶⁸ Ga-FAPI PET/CT for molecular assessment of fibroblast activation in right heart in pulmonary arterial hypertension: a single-center, pilot study. Journal of Nuclear Cardiology, 2023, 30, 495-503.	2.1	15
24	The characterization and prognostic significance of right ventricular glucose metabolism in non-ischemic dilated cardiomyopathy. Journal of Nuclear Cardiology, 2016, 23, 758-767.	2.1	12
25	Comparison of CZT SPECT and conventional SPECT for assessment of contractile function, mechanical synchrony and myocardial scar in patients with heart failure. Journal of Nuclear Cardiology, 2019, 26, 443-452.	2.1	11
26	Assessment of lung glucose uptake in patients with systemic lupus erythematosus pulmonary arterial hypertension: a quantitative FDG-PET imaging study. Annals of Nuclear Medicine, 2020, 34, 407-414.	2.2	11
27	Evaluation of left ventricular volumes and ejection fraction by ^{99m} Tc-MIBI gated SPECT and ¹⁸ F-FDG gated PET in patients with prior myocardial infarction. Journal of Nuclear Cardiology, 2021, 28, 560-574.	2.1	11
28	Impact of Boronate Capping Groups on Biological Characteristics of Novel ^{99m} Tc(III) Complexes [^{99m} TcCl(CDO)(CDOH) ₂ B-R] (CDOH ₂ = Tj ETQq0 0 0 rgBT / Overlock 109Tf 50 377		
29	Right ventricular dyssynchrony in pulmonary hypertension: Phase analysis using FDG-PET imaging. Journal of Nuclear Cardiology, 2017, 24, 69-78.	2.1	9
30	⁶⁸ Ga-labeled dimeric and trimeric cyclic RGD peptides as potential PET radiotracers for imaging gliomas. Applied Radiation and Isotopes, 2019, 148, 168-177.	1.5	9
31	Preserved myocardial viability in patients with chronic total occlusion of a single coronary artery. Journal of Nuclear Cardiology, 2021, 28, 2812-2822.	2.1	9
32	Synthesis and Evaluation of ¹⁸ F-labeled Pyridaben Analogues for Myocardial Perfusion Imaging in Mice, Rats and Chinese mini-swine. Scientific Reports, 2016, 6, 33450.	3.3	8
33	Novel ^{99m} Tc(III) Complexes [^{99m} TcCl(CDO)(CDOH) ₂ B-R] (CDOH ₂ = Cyclohexanedione Dioxime) Useful as Radiotracers for Heart Imaging. Bioconjugate Chemistry, 2016, 27, 2770-2779.	3.6	8
34	Value of lung perfusion scintigraphy in patients with idiopathic pulmonary arterial hypertension: a patchy pattern to consider. Pulmonary Circulation, 2019, 9, 1-7.	1.7	8
35	Synthesis and Bio-Evaluation of New ¹⁸ F-labeled Pyridaben Analogs with Improved Stability for Myocardial Perfusion Imaging in Mice. Chemical Biology and Drug Design, 2015, 86, 351-361.	3.2	7
36	Effect of methoxy group position on biological properties of ¹⁸ F-labeled benzyl triphenylphosphonium cations. Nuclear Medicine and Biology, 2017, 49, 16-23.	0.6	7

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37	Sulfonyl-Containing Boronate Caps for Optimization of Biological Properties of ^{99m} Tc(III) Radiotracers [^{99m} TcCl(CDO)(CDOH) ₂ -B-R] (CDOH ₂ =) Tj ETQq1 1 0.7843144gBT /Overlock 10	1.4	10
38	Comparative transcriptomic analysis of mice liver treated with different AMPK activators in a mice model of atherosclerosis. <i>Oncotarget</i> , 2017, 8, 16594-16604.	1.8	6
39	Iminodiacetic acid as bifunctional linker for dimerization of cyclic RGD peptides. <i>Nuclear Medicine and Biology</i> , 2017, 48, 1-8.	0.6	5
40	Novel Approach for ^{99m} Tc-Labeling of Red Blood Cells: Evaluation of ^{99m} Tc-4SABoroxime as a Blood Pool Imaging Agent. <i>Bioconjugate Chemistry</i> , 2017, 28, 2998-3006.	3.6	5
41	New ^{99m} Tc Radiotracers for Myocardial Perfusion Imaging by SPECT. <i>Current Radiopharmaceuticals</i> , 2019, 12, 171-186.	0.8	5
42	Ventilation/perfusion imaging predicts response to balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension. <i>Annals of Nuclear Medicine</i> , 2022, 36, 515-522.	2.2	5
43	^{99m} Tc-3PRGD2 single-photon emission computed tomography/computed tomography for the diagnosis of choroidal melanoma. <i>Medicine (United States)</i> , 2018, 97, e12441.	1.0	4
44	^{99m} Tc-3SPboroxime: A neutral ^{99m} Tc(III) radiotracer with high heart uptake and long myocardial retention. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2687-2696.	2.1	4
45	A feasible method for non-invasive measurement of pulmonary vascular resistance in pulmonary arterial hypertension: Combined use of transthoracic Doppler-echocardiography and cardiac magnetic resonance. Non-invasive estimation of pulmonary vascular resistance. <i>IJC Heart and Vasculature</i> , 2015, 9, 22-27.	1.1	3
46	Synthesis and bioevaluation of 4-chloro-2- <i>tert</i> -butyl-5-[2-[[1-[2- ¹⁸ F]fluoroethyl]-1 <i>H</i> -1,2,3-triazol-4-yl)methyl]phenylmethoxy]-3(2 <i>H</i>)-p	1.0	3
47	[¹⁸ F]FEDAC translocator protein positron emission tomography/computed tomography for early detection of mitochondrial dysfunction secondary to myocardial ischemia. <i>Annals of Nuclear Medicine</i> , 2021, 35, 927-936.	2.2	3
48	Myocardial blood flow quantitation with the SPECT technique: Is it ready to be a substitute for PET myocardial blood flow quantitation?. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3152-3154.	2.1	2
49	Myocardial blood flow quantitation with the SPECT technique: Where do we stand?. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 630-632.	2.1	1
50	Predictive value of SPECT myocardial perfusion imaging in patients with unrevascularized coronary chronic total occlusion. <i>Annals of Nuclear Medicine</i> , 2022, 36, 191-199.	2.2	1
51	Sex-specific reference limits of left ventricular ejection fraction and volumes estimated by gated myocardial perfusion imaging for low-risk patients in China: a comparison between three quantitative algorithms. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 144-158.	2.0	0
52	The value of ventilation/perfusion scanning and CT pulmonary angiography in predicting chronic thromboembolic pulmonary hypertension after acute pulmonary embolism: a one-year follow-up study. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2249-2259.	0.6	0