Wei Fang

List of Publications by Year
in descending order

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52	907	516710 16	501196 28
papers	citations	h-index	g-index

55	55	55	1401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	68Ga-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
2	Myocardial blood flow quantitation with the SPECT technique: Where do we stand?. Journal of Nuclear Cardiology, 2022, 29, 630-632.	2.1	1
3	68Ga-FAPI right heart uptake in a patient with idiopathic pulmonary arterial hypertension. Journal of Nuclear Cardiology, 2022, 29, 1475-1477.	2.1	17
4	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. Quantitative Imaging in Medicine and Surgery, 2022, 12, 144-158.	2.0	0
5	Myocardial blood flow quantitation with the SPECT technique: Is it ready to be a substitute for PET myocardial blood flow quantitation?. Journal of Nuclear Cardiology, 2022, 29, 3152-3154.	2.1	2
6	Predictive value of SPECT myocardial perfusion imaging in patients with unrevascularized coronary chronic total occlusion. Annals of Nuclear Medicine, 2022, 36, 191-199.	2.2	1
7	Ventilation/perfusion imaging predicts response to balloon pulmonary angioplasty in patients with chronic thromboembolic pulmonary hypertension. Annals of Nuclear Medicine, 2022, 36, 515-522.	2.2	5
8	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. International Journal of Cardiovascular Imaging, 2022, 38, 2249-2259.	0.6	0
9	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
10	99mTc-3SPboroxime: A neutral 99mTc(III) radiotracer with high heart uptake and long myocardial retention. Journal of Nuclear Cardiology, 2021, 28, 2687-2696.	2.1	4
11	Evaluation of left ventricular volumes and ejection fraction by 99mTc-MIBI gated SPECT and 18F-FDG gated PET in patients with prior myocardial infarction. Journal of Nuclear Cardiology, 2021, 28, 560-574.	2.1	11
12	Assessment of cardiac amyloidosis with 99mTc-pyrophosphate (PYP) quantitative SPECT. EJNMMI Physics, 2021, 8, 3.	2.7	25
13	[18F]FEDAC translocator protein positron emission tomographyâ€“computed tomography for early detection of mitochondrial dysfunction secondary to myocardial ischemia. Annals of Nuclear Medicine, 2021, 35, 927-936.	2.2	3
14	Myocardial blood flow quantitation in patients with congestive heart failure: head-to-head comparison between rapid-rotating gantry SPECT and CZT SPECT. Journal of Nuclear Cardiology, 2020, 27, 2287-2302.	2.1	17
15	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
16	Comparison of V/Q SPECT and CT Angiography for the Diagnosis of Chronic Thromboembolic Pulmonary Hypertension. Radiology, 2020, 296, 420-429.	7.3	32
17	A Prospective, Comparative Study of Ventilationâ€“Perfusion Planar Imaging and Ventilationâ€“Perfusion SPECT for Chronic Thromboembolic Pulmonary Hypertension. Journal of Nuclear Medicine, 2020, 61, 1832-1838.	5.0	16
18	Runx2 (Runt-Related Transcription Factor 2)-Mediated Microcalcification Is a Novel Pathological Characteristic and Potential Mediator of Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1352-1369.	2.4	24

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19	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
20	68Ga-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
21	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
22	Relationship of myocardial hibernation, scar, and angiographic collateral flow in ischemic cardiomyopathy with coronary chronic total occlusion. Journal of Nuclear Cardiology, 2019, 26, 1720-1730.	2.1	25
23	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
24	New 99mTc Radiotracers for Myocardial Perfusion Imaging by SPECT. Current Radiopharmaceuticals, 2019, 12, 171-186.	0.8	5
25	Sulfonyl-Containing Boronate Caps for Optimization of Biological Properties of ^{99m}Tc(III) Radiotracers [^{99m}TcCl(CDO)(CDOH)₂B-R] (CDOH₂ =) Tj ETQq1 1 0.784314 gBT /Overlock 10	4.4	7
26	99mTc-3PRGD2 single-photon emission computed tomography/computed tomography for the diagnosis of choroidal melanoma. Medicine (United States), 2018, 97, e12441.	1.0	4
27	Right ventricular dyssynchrony in pulmonary hypertension: Phase analysis using FDG-PET imaging. Journal of Nuclear Cardiology, 2017, 24, 69-78.	2.1	9
28	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
29	Anti-influenza triterpenoid saponins (saikosaponins) from the roots of Bupleurum marginatum var. stenophyllum. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1654-1659.	2.2	27
30	Iminodiacetic acid as bifunctional linker for dimerization of cyclic RGD peptides. Nuclear Medicine and Biology, 2017, 48, 1-8.	0.6	5
31	Effect of methoxy group position on biological properties of 18 Fâ€“labeled benzyl triphenylphosphonium cations. Nuclear Medicine and Biology, 2017, 49, 16-23.	0.6	7
32	Novel Approach for ^{99m}Tc-Labeling of Red Blood Cells: Evaluation of ^{99m}Tc-4SAboroxime as a Blood Pool Imaging Agent. Bioconjugate Chemistry, 2017, 28, 2998-3006.	3.6	5
33	Comparative transcriptomic analysis of mice liver treated with different AMPK activators in a mice model of atherosclerosis. Oncotarget, 2017, 8, 16594-16604.	1.8	6
34	Free Triiodothyronine Level Correlates with Myocardial Injury and Prognosis in Idiopathic Dilated Cardiomyopathy: Evidence from Cardiac MRI and SPECT/PET Imaging. Scientific Reports, 2016, 6, 39811.	3.3	22
35	Synthesis and Evaluation of 18F-labeled Pyridaben Analogues for Myocardial Perfusion Imaging in Mice, Rats and Chinese mini-swine. Scientific Reports, 2016, 6, 33450.	3.3	8
36	Novel ^{99m}Tc(III) Complexes [^{99m}TcCl(CDO)(CDOH)₂Bâ€“R] (CDOH₂ = Cyclohexanedione Dioxime) Useful as Radiotracers for Heart Imaging. Bioconjugate Chemistry, 2016, 27, 2770-2779.	3.6	8

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37	Comparison of biological properties of 99m Tc-labeled cyclic RGD Peptide trimer and dimer useful as SPECT radiotracers for tumor imaging. Nuclear Medicine and Biology, 2016, 43, 661-669.	0.6	25
38	Quantitative assessment of right ventricular glucose metabolism in idiopathic pulmonary arterial hypertension patients: a longitudinal study. European Heart Journal Cardiovascular Imaging, 2016, 17, 1161-1168.	1.2	16
39	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
40	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. IJC Heart and Vasculature, 2015, 9, 22-27.	1.1	3
41	Synthesis and Bioâ€Evaluation of New ¹⁸Fâ€Labeled Pyridaben Analogs with Improved Stability for Myocardial Perfusion Imaging in Mice. Chemical Biology and Drug Design, 2015, 86, 351-361.	3.2	7
42	Synthesis and bioevaluation of 4-chloro-2-tert-butyl-5-[2-[[1-[2-[¹⁸F]fluroethyl]-1H-1,2,3-triazol-4-yl]methyl]phenylmethoxy]-3(2H)-p as potential myocardial perfusion imaging agent with PET. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 349-354.	1.0	3
43	Impact of Boronate Capping Groups on Biological Characteristics of Novel ^{99m}Tc(III) Complexes [^{99m}TcCl(CDO)(CDOH)₂B-R] (CDOH₂ =) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	9
44	The Ratio of 18F-FDG Activity Uptake Between the Right and Left Ventricle in Patients With Pulmonary Hypertension Correlates With the Right Ventricular Function. Clinical Nuclear Medicine, 2014, 39, 426-430.	1.3	32
45	Evaluation of right ventricular volume and ejection fraction by gated 18F-FDG PET in patients with pulmonary hypertension: Comparison with cardiac MRI and CT. Journal of Nuclear Cardiology, 2013, 20, 242-252.	2.1	28
46	Heterogeneity in Lung ¹⁸ FDG Uptake in Pulmonary Arterial Hypertension. Circulation, 2013, 128, 1214-1224.	1.6	107
47	Comparison of 18Fâ€FDG uptake by Right Ventricular Myocardium in Idiopathic Pulmonary Arterial Hypertension and Pulmonary Arterial Hypertension Associated with Congenital Heart Disease. Pulmonary Circulation, 2012, 2, 365-372.	1.7	55
48	Diagnosis of chronic thromboembolic pulmonary hypertension. Nuclear Medicine Communications, 2012, 33, 459-463.	1.1	136
49	Comparison of 99mTc-MIBI SPECT/18F-FDG PET Imaging and Cardiac Magnetic Resonance Imaging in Patients With Idiopathic Dilated Cardiomyopathy. Clinical Nuclear Medicine, 2012, 37, 1163-1169.	1.3	18
50	Chinese multi-center study of lung scintigraphy and CT pulmonary angiography for the diagnosis of pulmonary embolism. International Journal of Cardiovascular Imaging, 2012, 28, 1799-1805.	1.5	20
51	Myocardial ischemia in patients with dilated cardiomyopathy. Nuclear Medicine Communications, 2010, 31, 981-984.	1.1	15
52	SPECT imaging of myocardial infarction using 99mTc-labeled C2A domain of synaptotagmin I in a porcine ischemiaâ€“reperfusion model. Nuclear Medicine and Biology, 2007, 34, 917-923.	0.6	23