Fabien Hyafil

List of Publications by Year
in descending order

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78	3,550	172457	133252
papers	citations	29 h-index	59 g-index

79	79	79	4006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular imaging of free radicals for anthracycline-induced cardiotoxicity: See the burn?. Journal of Nuclear Cardiology, 2022, 29, 226-229.	2.1	2
2	Diagnostic performance of White Blood Cell SPECT imaging against intra-operative findings in patients with a suspicion of prosthetic valve endocarditis. Journal of Nuclear Cardiology, 2022, 29, 528-534.	2.1	12
3	Evaluation of non-stenotic carotid atherosclerotic plaques with combined FDG-PET imaging and CT angiography in patients with ischemic stroke of unknown origin. Journal of Nuclear Cardiology, 2022, 29, 1329-1336.	2.1	5
4	SPECT Imaging of Myocardial Viability. , 2022, , 110-119.		1
5	Diagnosis and staging of cardiac masses: additional value of CMR with 18F-FDG-PET compared to CMR with CECT. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2232-2241.	6.4	1
6	Nuclear Imaging in Infective Endocarditis. Pharmaceuticals, 2022, 15, 14.	3.8	9
7	Turning the heart off: give it a second try?. Journal of Nuclear Cardiology, 2022, 29, 3263-3266.	2.1	1
8	Increased lung signal as a hint of COVID-19 infection on Tc-99m-sestamibi myocardial perfusion scintigraphy. Journal of Nuclear Cardiology, 2021, 28, 2384-2385.	2.1	5
9	EANM procedural guidelines for PET/CT quantitative myocardial perfusion imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1040-1069.	6.4	70
10	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation (4Is)-related cardiovascular diseases: a joint collaboration of the EACVI and the EANM. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1016-1039.	6.4	62
11	The role of myocardial innervation imaging in different clinical scenarios: an expert document of the European Association of Cardiovascular Imaging and Cardiovascular Committee of the European Association of Nuclear Medicine. European Heart Journal Cardiovascular Imaging, 2021, 22, 480-490.	1.2	19
12	Physiological Evaluation of Anomalous Aortic Origin of a Coronary Artery Using Computed Tomographyâ€“Derived Fractional Flow Reserve. Journal of the American Heart Association, 2021, 10, e018593.	3.7	11
13	Position paper of the EACVI and EANM on artificial intelligence applications in multimodality cardiovascular imaging using SPECT/CT, PET/CT, and cardiac CT. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1399-1413.	6.4	45
14	Role of FFR-CT for the Evaluation of Patients With Anomalous Aortic Origin of Coronary Artery. JACC: Cardiovascular Imaging, 2021, 14, 1074-1076.	5.3	11
15	Head-to-head comparison of the diagnostic performances of Rubidium-PET and SPECT with CZT camera for the detection of myocardial ischemia in a population of women and overweight individuals. Journal of Nuclear Cardiology, 2020, 27, 755-768.	2.1	14
16	Imaging cardiac sarcoidosis with FDG-PET: Take a look at the right side!. Journal of Nuclear Cardiology, 2020, 27, 2144-2148.	2.1	0
17	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation- (4Is) related cardiovascular diseases: a joint collaboration of the EACVI and the EANM:Âsummary. European Heart Journal Cardiovascular Imaging, 2020, 21, 1320-1330.	1.2	35
18	Remote monitoring of cardiac implanted electronic devices: legal requirements and ethical principles - ESC Regulatory Affairs Committee/EHRA joint task force report. Europace, 2020, 22, 1742-1758.	1.7	32

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19	Correlation of ¹⁸ F-NaF Activity With Progression of Macrocalcification. Circulation: Cardiovascular Imaging, 2020, 13, e012095.	2.6	0
20	No pleotropic effects of linagliptin on atherosclerotic plaques: Case closed. Atherosclerosis, 2020, 305, 61-63.	0.8	2
21	A Clinical Role of PET in Atherosclerosis and Vulnerable Plaques?. Seminars in Nuclear Medicine, 2020, 50, 311-318.	4.6	12
22	Nanostructured lipid carriers accumulate in atherosclerotic plaques of ApoEâ¯/â¯ mice. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 25, 102157.	3.3	7
23	Inflammation imaging to define vulnerable plaque or vulnerable patient. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2020, 64, 21-34.	0.7	2
24	Diagnostic Impact of ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography and White Blood Cell SPECT/Computed Tomography in Patients With Suspected Cardiac Implantable Electronic Device Chronic Infection. Circulation: Cardiovascular Imaging, 2019, 12, e007188.	2.6	52
25	Highlights of the 14th International Conference on Nuclear Cardiology and Cardiac Computed Tomography. European Heart Journal Cardiovascular Imaging, 2019, 21, 1-9.	1.2	0
26	Epicardial adipose tissue volume is associated with left ventricular remodelling in calcific aortic valve stenosis. Archives of Cardiovascular Diseases, 2019, 112, 594-603.	1.6	6
27	EANM procedural guidelines for myocardial perfusion scintigraphy using cardiac-centered gamma cameras. European Journal of Hybrid Imaging, 2019, 3, 11.	1.5	46
28	FDG atrial uptake is associated with an increased prevalence of stroke in patients with atrial fibrillation. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1268-1275.	6.4	14
29	Nuclear Imaging. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1369-1378.	2.4	10
30	Fluoride imaging of atherosclerotic plaques: Moving from macro to microcalcifications?. Journal of Nuclear Cardiology, 2019, 26, 1076-1078.	2.1	1
31	Can FDG-PET imaging play a role in guiding indications to endovascular treatments in patients presenting acute aortic syndromes?. Journal of Nuclear Cardiology, 2019, 26, 642-644.	2.1	1
32	FDG-PET for the detection of infection in left ventricle assist device: Is there light at the end of the tunnel?. Journal of Nuclear Cardiology, 2019, 26, 1222-1224.	2.1	7
33	Could FDG-PET imaging play a role in the detection of progressing atherosclerosis in HIV-infected patients?. Journal of Nuclear Cardiology, 2019, 26, 1266-1268.	2.1	2
34	Imaging inflammation in atherosclerotic plaques: Just make it easy!. Journal of Nuclear Cardiology, 2019, 26, 1705-1708.	2.1	8
35	18F-FDG-PET/CT Imaging to Diagnose Septic Emboli and Mycotic Aneurysms in Patients with Endocarditis and Cardiac Device Infections. Current Cardiology Reports, 2018, 20, 14.	2.9	19
36	Quantification of FDG uptake in patients with a suspicion of prosthetic valve endocarditis: Part of the problem or part of the solution?. Journal of Nuclear Cardiology, 2018, 25, 2092-2095.	2.1	2

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37	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. Journal of Nuclear Cardiology, 2018, 25, 298-319.	2.1	97
38	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). European Heart Journal, 2018, 39, 286-296.	2.2	44
39	Current and Emerging Preclinical Approaches for Imaging-Based Characterization of Atherosclerosis. Molecular Imaging and Biology, 2018, 20, 869-887.	2.6	19
40	Quantification of myocardial blood flow with dynamic SPECT acquisitions: ready for prime time?. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2170-2172.	6.4	5
41	Comparison between visual and numerical metrics for the evaluation of patients with Takayasu arteritis with 18F-FDG-PET. Nuclear Medicine Communications, 2018, 39, 779-788.	1.1	9
42	Nuclear imaging for patients with a suspicion of infective endocarditis: Be part of the team!. Journal of Nuclear Cardiology, 2017, 24, 207-211.	2.1	18
43	Mycotic aneurysm in a pulmonary artery detected with 18F-fluorodeoxyglucose positron emission tomography/computed tomography imaging. European Heart Journal, 2017, 38, ehw571.	2.2	7
44	What is This Image? 2017: Image 5 Result. Journal of Nuclear Cardiology, 2017, 24, 360-362.	2.1	1
45	Targeting mannose receptor expression on macrophages in atherosclerotic plaques of apolipoprotein E-knockout mice using 111In-tilmanocept. EJNMMI Research, 2017, 7, 40.	2.5	32
46	Interobserver variability in the classification of congenital coronary abnormalities: A substudy of the anomalous connections of the coronary arteries registry. Congenital Heart Disease, 2017, 12, 726-732.	0.2	6
47	Characterization of ¹⁸ F-Fluorodeoxyglucose Uptake Pattern in Noninfected Prosthetic Heart Valves. Circulation: Cardiovascular Imaging, 2017, 10, e005585.	2.6	75
48	Response by Mathieu et al to Letter Regarding Article, â€œCharacterization of 18 F-Fluorodeoxyglucose Uptake Pattern in Noninfected Prosthetic Heart Valvesâ€• Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	3
49	New-generation CZT cameras: the future of infection imaging?. European Heart Journal, 2017, 38, 444-446.	2.2	3
50	Imaging the Cytokine Receptor CXCR4 in Atherosclerotic Plaques with the Radiotracer ⁶⁸Ga-Pentixafor for PET. Journal of Nuclear Medicine, 2017, 58, 499-506.	5.0	94
51	Peristrut microhemorrhages: a possible cause of in-stent neoatherosclerosis?. Cardiovascular Pathology, 2017, 26, 30-38.	1.6	11
52	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. European Heart Journal Cardiovascular Imaging, 2017, 18, 1073-1089.	1.2	74
53	Flow-mediated dilatation test using optoacoustic imaging: a proof-of-concept. Biomedical Optics Express, 2017, 8, 3395.	2.9	31
54	Can Imaging Improve Our Understanding of Cardiovascular Pathophysiology?. Circulation: Cardiovascular Imaging, 2016, 9, e004805.	2.6	1

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55	Performance of cardiac cadmium-zinc-telluride gamma camera imaging in coronary artery disease: a review from the cardiovascular committee of the European Association of Nuclear Medicine (EANM). European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2423-2432.	6.4	80
56	Positron emission tomography and computed tomography angiography for the diagnosis of giant cell arteritis. Medicine (United States), 2016, 95, e4146.	1.0	97
57	Clinical use of quantitative cardiac perfusion PET: rationale, modalities and possible indications. Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM). European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1530-1545.	6.4	44
58	Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM) on PET imaging of atherosclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 780-792.	6.4	195
59	High-risk plaque features can be detected in non-stenotic carotid plaques of patients with ischaemic stroke classified as cryptogenic using combined 18F-FDG PET/MR imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 270-279.	6.4	103
60	Detection of Apoptotic Cells in a Rabbit Model with Atherosclerosis-Like Lesions Using the Positron Emission Tomography Radiotracer [¹⁸ F]ML-10. Molecular Imaging, 2015, 14, 7290.2015.00017.	1.4	16
61	Variability and Uncertainty of ¹⁸F-FDG PET Imaging Protocols for Assessing Inflammation in Atherosclerosis: Suggestions for Improvement. Journal of Nuclear Medicine, 2015, 56, 552-559.	5.0	89
62	Detection of Mycotic Aneurysms of LowerÂLimbs by Whole-Body 18F-FDG-PET. JACC: Cardiovascular Imaging, 2015, 8, 859-862.	5.3	28
63	Rupture of Nonstenotic Carotid Plaque as a Cause of Ischemic Stroke Evidenced by Multimodality Imaging. Circulation, 2014, 129, 130-131.	1.6	15
64	Respective Performance of ¹⁸F-FDG PET and Radiolabeled Leukocyte Scintigraphy for the Diagnosis of Prosthetic Valve Endocarditis. Journal of Nuclear Medicine, 2014, 55, 1980-1985.	5.0	187
65	Imaging Atherosclerotic Plaques with MRI: Role of Contrast Agents. Current Cardiovascular Imaging Reports, 2013, 6, 76-88.	0.6	1
66	Role of radiolabelled leucocyte scintigraphy in patients with a suspicion of prosthetic valve endocarditis and inconclusive echocardiography. European Heart Journal Cardiovascular Imaging, 2013, 14, 586-594.	1.2	85
67	Evaluating Efficacy of Pharmaceutical Interventions in Atherosclerosis: Role of Magnetic Resonance Imaging and Positron Emission Tomography. Mount Sinai Journal of Medicine, 2012, 79, 689-704.	1.9	7
68	Detection of 18Fluoride Sodium Accumulation by Positron Emission Tomography in Calcified Stenotic Aortic Valves. American Journal of Cardiology, 2012, 109, 1194-1196.	1.6	24
69	Monitoring of arterial wall remodelling in atherosclerotic rabbits with a magnetic resonance imaging contrast agent binding to matrix metalloproteinases. European Heart Journal, 2011, 32, 1561-1571.	2.2	54
70	Quantification of Inflammation Within Rabbit Atherosclerotic Plaques Using the Macrophage-Specific CT Contrast Agent N1177: A Comparison with ¹⁸F-FDG PET/CT and Histology. Journal of Nuclear Medicine, 2009, 50, 959-965.	5.0	115
71	Atherosclerosis and Matrix Metalloproteinases: Experimental Molecular MR Imaging in Vivo. Radiology, 2009, 251, 429-438.	7.3	79
72	Inflammation Imaging in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1009-1016.	2.4	117

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73	Evaluation of Matrix Metalloproteinases in Atherosclerosis Using a Novel Noninvasive Imaging Approach. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 425-432.	2.4	149
74	Detecting and assessing macrophagesin vivoto evaluate atherosclerosis noninvasively using molecular MRI. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 961-966.	7.1	344
75	Magnetic resonance imaging of vulnerable atherosclerotic plaques: Current imaging strategies and molecular imaging probes. Journal of Magnetic Resonance Imaging, 2007, 26, 460-479.	3.4	128
76	Noninvasive detection of macrophages using a nanoparticulate contrast agent for computed tomography. Nature Medicine, 2007, 13, 636-641.	30.7	429
77	Molecular imaging of carotid artery disease. , 2006, , 471-483.		0
78	Ferumoxtran-10â€“Enhanced MRI of the Hypercholesterolemic Rabbit Aorta. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 176-181.	2.4	108