

Albert Flotats

List of Publications by Year in descending order

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97
papers

3,669
citations

186265

28
h-index

133252

59
g-index

110
all docs

110
docs citations

110
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the clinical uses of SPECT/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1959-1985.	6.4	347
2	Proposal for standardization of ¹²³ I-metaiodobenzylguanidine (MIBG) cardiac sympathetic imaging by the EANM Cardiovascular Committee and the European Council of Nuclear Cardiology. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1802-1812.	6.4	295
3	Spatial orientation of the ventricular muscle band: Physiologic contribution and surgical implications. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 389-392.	0.8	263
4	EANM procedural guidelines for radionuclide myocardial perfusion imaging with SPECT and SPECT/CT: 2015 revision. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1929-1940.	6.4	260
5	Towards new understanding of the heart structure and function. European Journal of Cardio-thoracic Surgery, 2005, 27, 191-201.	1.4	203
6	EANM/ESC guidelines for radionuclide imaging of cardiac function. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 851-885.	6.4	184
7	Hybrid cardiac imaging: SPECT/CT and PET/CT. A joint position statement by the European Association of Nuclear Medicine (EANM), the European Society of Cardiac Radiology (ESCR) and the European Council of Nuclear Cardiology (ECNC). European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 201-212.	6.4	163
8	¹²³ I-MIBG Scintigraphy to Predict Inducibility of Ventricular Arrhythmias on Cardiac Electrophysiology Testing. Circulation: Cardiovascular Imaging, 2008, 1, 131-140.	2.6	161
9	Current worldwide nuclear cardiology practices and radiation exposure: results from the 65 country IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS). European Heart Journal, 2015, 36, 1689-1696.	2.2	155
10	Systolic ventricular filling. European Journal of Cardio-thoracic Surgery, 2004, 25, 376-386.	1.4	116
11	Risks and benefits of cardiac imaging: an analysis of risks related to imaging for coronary artery disease. European Heart Journal, 2014, 35, 633-638.	2.2	82
12	Cardiac ¹²³ I-metaiodobenzylguanidine imaging allows early identification of dementia with Lewy bodies during life. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1636-1641.	6.4	81
13	Dilated Cardiomyopathy in HIV-Infected Patients. New England Journal of Medicine, 1998, 339, 1153-1155.	27.0	79
14	Non-invasive in vivo imaging of myocardial apoptosis and necrosis. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 615-630.	6.4	78
15	Clinical evaluation of cardiovascular devices: principles, problems, and proposals for European regulatory reform: Report of a policy conference of the European Society of Cardiology. European Heart Journal, 2011, 32, 1673-1686.	2.2	73
16	Comparison of image quality and lesion detection between digital and analog PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1383-1390.	6.4	68
17	Cardiac neurotransmission SPECT imaging. Journal of Nuclear Cardiology, 2004, 11, 587-602.	2.1	66
18	Sympathetic reinnervation of cardiac allografts evaluated by ¹²³ I-MIBG imaging. Journal of Nuclear Medicine, 1999, 40, 911-6.	5.0	55

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19	Cardiac Neurotransmission Imaging. , 2010, , 657-673.		53
20	Efficacy of augmented immunosuppressive therapy for early vasculopathy in heart transplantation. Journal of the American College of Cardiology, 1998, 32, 413-419.	2.8	48
21	⁸² Rb PET myocardial perfusion imaging is superior to ^{99m} Tc-labelled agent SPECT in patients with known or suspected coronary artery disease. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1233-1239.	6.4	45
22	Digital vs. analog PET/CT: intra-subject comparison of the SUVmax in target lesions and reference regions. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1745-1750.	6.4	43
23	Dilated Cardiomyopathy in HIV-Infected Patients. New England Journal of Medicine, 1999, 340, 732-735.	27.0	39
24	Regional cerebral blood flow changes in chronic alcoholic patients induced by naltrexone challenge during detoxification. Journal of Nuclear Medicine, 1999, 40, 19-24.	5.0	36
25	Estimating the Reduction in the Radiation Burden From Nuclear Cardiology Through Use of Stress-Only Imaging in the United States and Worldwide. JAMA Internal Medicine, 2016, 176, 269.	5.1	34
26	Use of somatostatin analogue scintigraphy in the localization of recurrent medullary thyroid carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 1998, 25, 1482-1488.	6.4	31
27	Nitrate administration to enhance the detection of myocardial viability by technetium-99m tetrofosmin single-photon emission tomography. European Journal of Nuclear Medicine and Molecular Imaging, 1997, 24, 767-773.	2.1	30
28	PET/CT Assessment of Follicular Lymphoma and High Grade B Cell Lymphoma - Good Correlation with Clinical and Histological Features at Diagnosis. Advances in Clinical and Experimental Medicine, 2015, 24, 325-330.	1.4	30
29	Nuclear cardiology practice and associated radiation doses in Europe: results of the IAEA Nuclear Cardiology Protocols Study (INCAPS) for the 27 European countries. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 718-728.	6.4	29
30	Reduced myocardial ¹⁸ F-FDG uptake after calcium channel blocker administration. Initial observation for a potential new method to improve plaque detection. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 2018-2024.	6.4	28
31	The sequence of regional ventricular motion. European Journal of Cardio-thoracic Surgery, 2006, 29, S139-S144.	1.4	26
32	Reporting nuclear cardiology: a joint position paper by the European Association of Nuclear Medicine (EANM) and the European Association of Cardiovascular Imaging (EACVI). European Heart Journal Cardiovascular Imaging, 2015, 16, 272-279.	1.2	26
33	Superior performance of ¹⁸ F-fluorocholine digital PET/CT in the detection of parathyroid adenomas. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 572-578.	6.4	24
34	Myocardial sympathetic innervation in the athlete's sinus bradycardia: Is there selective inferior myocardial wall denervation?. Journal of Nuclear Cardiology, 2000, 7, 354-358.	2.1	22
35	Challenging the neuronal MIBG uptake by pharmacological intervention: effect of a single dose of oral amitriptyline on regional cardiac MIBG uptake. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1575-1580.	6.4	22
36	Nuclear medicine in the management of patients with heart failure. Nuclear Medicine Communications, 2014, 35, 818-823.	1.1	22

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37	Osteosarcoma of the Breast. American Journal of Roentgenology, 2002, 179, 277-278.	2.2	20
38	Evolving Myocardial Infarction with ST Elevation: Ups and Downs of ST in Different Leads Identifies the Culprit Artery and Location of the Occlusion. Annals of Noninvasive Electrocardiology, 2004, 9, 180-186.	1.1	18
39	Somatostatin receptor scintigraphy predicts impending cardiac allograft rejection before endomyocardial biopsy. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 1754-1759.	2.1	17
40	Influence of exercise rehabilitation on myocardial perfusion and sympathetic heart innervation in ischaemic heart disease. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 333-339.	6.4	17
41	The current and future status of nuclear cardiology: a consensus report. European Heart Journal Cardiovascular Imaging, 2014, 15, 949-955.	1.2	14
42	Opportunities for improvement on current nuclear cardiology practices and radiation exposure in Latin America: Findings from the 65-country IAEA Nuclear Cardiology Protocols cross-sectional Study (INCAPS). Journal of Nuclear Cardiology, 2017, 24, 851-859.	2.1	14
43	Digital PET vs Analog PET: Clinical Implications?. Seminars in Nuclear Medicine, 2022, 52, 302-311.	4.6	14
44	Gender Differences in Radiation Dose From Nuclear Cardiology Studies Across the World. JACC: Cardiovascular Imaging, 2016, 9, 376-384.	5.3	13
45	Thymic carcinoid and parathyroid hyperplasia detection with 99mTc-MIBI men type 1. Journal of Endocrinological Investigation, 1999, 22, 803-807.	3.3	11
46	Selection of Reference Regions to Model Neurodegeneration in Huntington Disease by 18F-FDG PET/CT Using Imaging and Clinical Parameters. Clinical Nuclear Medicine, 2019, 44, e1-e5.	1.3	11
47	Influence of prolonged exercise on myocardial distribution of 123I-MIBG in long-distance runners. Journal of Nuclear Cardiology, 1997, 4, 396-402.	2.1	10
48	Base-to-apex ventricular activation: Fourier studies in 29 normal individuals. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 1481-1483.	6.4	10
49	Worldwide Diagnostic Reference Levels for Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging. JACC: Cardiovascular Imaging, 2021, 14, 657-665.	5.3	9
50	Worldwide Variation in the Use of Nuclear Cardiology Camera Technology, Reconstruction Software, and Imaging Protocols. JACC: Cardiovascular Imaging, 2021, 14, 1819-1828.	5.3	9
51	Concordance between rest MIBG and exercise tetrofosmin defects: possible use of rest MIBG imaging as a marker of reversible ischaemia. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 614-619.	2.1	8
52	99mTc-depreotide scintigraphy of bone lesions in patients with lung cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1399-404.	6.4	8
53	Nuclear Cardiology Practice in Asia: Analysis of Radiation Exposure and Best Practice for Myocardial Perfusion Imaging – Results From the IAEA Nuclear Cardiology Protocols Cross-Sectional Study (INCAPS). Circulation Journal, 2017, 81, 501-510.	1.6	8
54	CMR versus SPECT for diagnosis of coronary heart disease. Lancet, The, 2012, 379, 2145.	13.7	7

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55	Evolving Myocardial Infarction with ST Elevation: Anatomic Considerations Regarding the Correlation between the Site of Occlusion and Injured Segments of the Heart. <i>Annals of Noninvasive Electrocardiology</i> , 2004, 9, 71-77.	1.1	6
56	Value of radionuclide studies in cardiac transplantation. <i>Annals of Nuclear Medicine</i> , 2006, 20, 13-21.	2.2	6
57	Role of myocardial 123I-mIBG innervation imaging in the diagnosis of neurodegenerative diseases. <i>Clinical and Translational Imaging</i> , 2018, 6, 449-458.	2.1	6
58	Individual renal function based on 99mTc dimercaptosuccinic acid uptake corrected for renal size. <i>Nuclear Medicine Communications</i> , 2004, 25, 167-170.	1.1	5
59	Left ventricular end-diastolic volume is decreased at maximal exercise in athletes with marked repolarisation abnormalities: a continuous radionuclide monitoring study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 203-210.	6.4	5
60	Skin metastasis of follicular thyroid carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1237-1237.	6.4	5
61	Nuclear Cardiology Practices and Radiation Exposure in the Oceania Region: Results From the IAEA Nuclear Cardiology Protocols Study (INCAPS). <i>Heart Lung and Circulation</i> , 2017, 26, 25-34.	0.4	5
62	Digital versus analog PET/CT in patients with known or suspected liver metastases. <i>Nuclear Medicine Communications</i> , 2021, 42, 421-428.	1.1	5
63	Evaluation of renal graft haemodynamia by 51Cr-EDTA and o-[131I]iodohippurate: its use in the early diagnosis of glomerular hyperfiltration. <i>Nuclear Medicine Communications</i> , 2003, 24, 679-682.	1.1	4
64	SNMMI/EANM Guideline for Guideline Development 6.0. <i>Journal of Nuclear Medicine Technology</i> , 2012, 40, 283-289.	0.8	4
65	Striking neurologic 18F-FDG PET/CT pattern in Devicâ€™s disease (neuromyelitis optica spectrum) Tj ETQq1 1 0.7843 14 rgBT ₄ /Overlock	6.4	4
66	Nuclear cardiology practices and radiation exposure in Africa: results from the IAEA Nuclear Cardiology Protocols Study (INCAPS). <i>Cardiovascular Journal of Africa</i> , 2017, 28, 229-234.	0.4	4
67	Radionuclide noninvasive evaluation of heart failure beyond left ventricular function assessment. <i>Journal of Nuclear Cardiology</i> , 2009, 16, 304-315.	2.1	3
68	Cardiac sympathetic imaging with mIBG: a tool for better assessment of the diabetic heart. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1696-1697.	6.4	3
69	Liquid biopsies and molecular imaging: friends or foes?. <i>Clinical and Translational Imaging</i> , 2020, 8, 47-50.	2.1	3
70	Cardiac SPECT-CT and PET-CT Imaging. <i>Current Medical Imaging</i> , 2011, 7, 175-192.	0.8	3
71	EDITORIAL. <i>Nuclear Medicine Communications</i> , 2002, 23, 421-427.	1.1	2
72	Effects of therapy with amiodarone on clinical, functional, and cardiac sympathetic innervation in patients with idiopathic dilated cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2004, 11, 110-113.	2.1	2

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73	Visualisation of sodium-iodide symporter. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 108-108.	6.4	2
74	Expanding indications for cardiac MIBG imaging of sympathetic activity. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 219-220.	6.4	2
75	The role of nuclear medicine technique in evaluating electrophysiology in diabetic hearts especially with 123I-MIBG cardiac SPECT imaging. Minerva Endocrinologica, 2009, 34, 263-71.	1.8	2
76	Ovarian Torsion: To Pex or Not to Pex? Case Report and Review of the Literature. Journal of Urology, 2005, 173, 1364-1364.	0.4	1
77	Myocardial perfusion imaging: a plus for coronary risk classification in diabetics. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 383-386.	6.4	1
78	Cardiac Innervation Imaging: Implications for Risk Stratification and Therapeutic Decision-Making. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.6	1
79	Impact of age on the selection of nuclear cardiology stress protocols: The INCAPS (IAEA nuclear) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	1
80	123I-mIBG and the phantom tollbooth. Journal of Nuclear Cardiology, 2018, 25, 1198-1200.	2.1	1
81	Reply to the letter. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1753-1753.	6.4	1
82	Rediferenciación tumoral en carcinoma papilar de tiroides tras la administración de Ácido retinoico. Revista Española De Medicina Nuclear, 2004, 23, 193-196.	0.3	1
83	Imaging Sympathetic Innervation of the Heart: Therapeutic Strategies SPECT/CT and PET/CT. , 2015, , 367-385.		1
84	Reported Differences Between Digital and Analog PET/CT Studies. Journal of Nuclear Medicine, 2020, 61, 1851.1-1851.	5.0	1
85	Myocardial perfusion imaging in the emergency department - a need or a whim?. Nuclear Medicine Communications, 2003, 24, 1037-40.	1.1	1
86	SPECT imaging of cardioneuronal dysfunction. Current Cardiovascular Imaging Reports, 2009, 2, 67-72.	0.6	0
87	New Concepts for Molecular and Functional Imaging of the Heart: Implications for Regenerative Treatments. , 2010, , 93-104.		0
88	Advances in Molecular Imaging: Innervation Imaging. Current Cardiovascular Imaging Reports, 2013, 6, 346-353.	0.6	0
89	2584 Single centre experience with FDG PET-CT vs CT scan in the staging of urothelial neoplasms. European Journal of Cancer, 2015, 51, S506.	2.8	0
90	Dysautonomia: From the Brain Disorders to Neuropathies and Including Diabetes. , 2017, , 147-167.		0

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91	Does inflammation get on nerves in patients with heart failure?. Journal of Nuclear Cardiology, 2018, 25, 854-856.	2.1	0
92	AB0586â€¦TAKAYASU ARTERITIS: REVIEW OF DIAGNOSTIC AND CLASSIFICATION CRITERIA IN A 9 CASE SERIES., 2019, , .		0
93	Assessment of Myocardial Viability. , 2002, , 99-113.		0
94	Estudio por imagen de antÃgenos, receptores, hipoxia, necrosis, apoptosis, metabolismo y viabilidad del miocardio. , 2005, , 168-185.		0
95	Myocardial Perfusion Scintigraphy. , 2006, , 57-77.		0
96	Imaging Cardiac Innervation. , 2010, , 375-385.		0
97	Nitrate administration to enhance the detection of myocardial viability by technetium-99m tetrofosmin single-photon emission tomography. European Journal of Nuclear Medicine and Molecular Imaging, 1997, 24, 767-773.	6.4	0