

MarÃ-a J GarcÃ-a-Velloso

List of Publications by Year in descending order

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68
papers

2,251
citations

279701

23
h-index

223716

46
g-index

81
all docs

81
docs citations

81
times ranked

2798
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologous intramyocardial injection of cultured skeletal muscle-derived stem cells in patients with non-acute myocardial infarction. <i>European Heart Journal</i> , 2003, 24, 2012-2020.	1.0	293
2	BAT: a new target for human obesity?. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 387-396.	4.0	190
3	Early Lung Cancer Detection Using Spiral Computed Tomography and Positron Emission Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1378-1383.	2.5	163
4	Association between [18F]fluorodeoxyglucose uptake and prognostic parameters in breast cancer. <i>British Journal of Surgery</i> , 2009, 96, 166-170.	0.1	149
5	Autologous skeletal myoblast transplantation in patients with nonacute myocardial infarction: 1-year follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 799-804.	0.4	129
6	Dual Tracer 11C-Choline and FDG-PET in the Diagnosis of Biochemical Prostate Cancer Relapse After Radical Treatment. <i>Molecular Imaging and Biology</i> , 2010, 12, 210-217.	1.3	109
7	Role of [18F]FDG PET in prediction of KRAS and EGFR mutation status in patients with advanced non-small-cell lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2058-2065.	3.3	75
8	Fluorodeoxyglucose positron emission tomography with sentinel lymph node biopsy for evaluation of axillary involvement in breast cancer. <i>British Journal of Surgery</i> , 2006, 93, 707-712.	0.1	72
9	18F-FDG PET complemented with sentinel lymph node biopsy in the detection of axillary involvement in breast cancer. <i>European Journal of Surgical Oncology</i> , 2004, 30, 15-19.	0.5	66
10	Impact of Time-of-Flight and Point-Spread-Function in SUV Quantification for Oncological PET. <i>Clinical Nuclear Medicine</i> , 2013, 38, 103-109.	0.7	66
11	¹¹ C-Methionine-PET in Multiple Myeloma: A Combined Study from Two Different Institutions. <i>Theranostics</i> , 2017, 7, 2956-2964.	4.6	63
12	18F-FDG PET/CT in breast cancer: Evidence-based recommendations in initial staging. <i>Tumor Biology</i> , 2017, 39, 101042831772828.	0.8	62
13	Cribado de Cáncer de pulmón: catorce años de experiencia del Programa Internacional de Detección Precoz de Cáncer de Pulmón con TBDR de Pamplona (P-IELCAP). <i>Archivos De Bronconeumología</i> , 2015, 51, 169-176.	0.4	59
14	Diagnostic accuracy of FDG PET in the follow-up of platinum-sensitive epithelial ovarian carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1396-1405.	3.3	51
15	Effective dose estimation for oncological and neurological PET/CT procedures. <i>EJNMMI Research</i> , 2017, 7, 37.	1.1	50
16	Positron Emission Tomography Using 18F-Fluorodeoxyglucose for the Evaluation of Residual Hodgkin's Disease Mediastinal Masses. <i>Leukemia and Lymphoma</i> , 2004, 45, 1829-1833.	0.6	38
17	[18F]-FDG PET and Localized Fibrous Mesothelioma. <i>Lung</i> , 2003, 181, 49-54.	1.4	34
18	Assessment of indeterminate pulmonary nodules detected in lung cancer screening: Diagnostic accuracy of FDG PET/CT. <i>Lung Cancer</i> , 2016, 97, 81-86.	0.9	34

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19	PET optimization for improved assessment and accurate quantification of ⁹⁰ Y- μ sphere biodistribution after radioembolization. <i>Medical Physics</i> , 2014, 41, 092503.	1.6	28
20	Lung Cancer Screening: Fourteen Year Experience of the Pamplona Early Detection Program (P-IELCAP). <i>Archivos De Bronconeumologia</i> , 2015, 51, 169-176.	0.4	28
21	Significant dose reduction is feasible in FDG PET/CT protocols without compromising diagnostic quality. <i>Physica Medica</i> , 2018, 46, 134-139.	0.4	27
22	Screening for occult malignancy with FDG-PET/CT in patients with unprovoked venous thromboembolism. <i>International Journal of Cancer</i> , 2013, 133, 2157-2164.	2.3	24
23	Non-invasive in vivo imaging of cardiac stem/progenitor cell biodistribution and retention after intracoronary and intramyocardial delivery in a swine model of chronic ischemia reperfusion injury. <i>Journal of Translational Medicine</i> , 2017, 15, 56.	1.8	24
24	18F-FDG and 11C-Methionine PET/CT in Newly Diagnosed Multiple Myeloma Patients: Comparison of Volume-Based PET Biomarkers. <i>Cancers</i> , 2020, 12, 1042.	1.7	24
25	PET Tracers for Clinical Imaging of Breast Cancer. <i>Journal of Oncology</i> , 2012, 2012, 1-9.	0.6	23
26	18F-fluorodeoxyglucose positron emission tomography in the diagnosis of malignancy in patients with paraneoplastic neurological syndrome: a systematic review and meta-analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1575-1587.	3.3	23
27	Positron emission tomography use in the diagnosis and follow up of Takayasu's arteritis. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 1091-1093.	0.5	22
28	Simple automated system for simultaneous production of 11C-labeled tracers by solid supported methylation. <i>Applied Radiation and Isotopes</i> , 2006, 64, 808-811.	0.7	22
29	Evaluation of spatial resolution of a PET scanner through the simulation and experimental measurement of the recovery coefficient. <i>Computers in Biology and Medicine</i> , 2010, 40, 75-80.	3.9	22
30	Prognostic value of myocardial perfusion imaging with adenosine triphosphate. <i>Journal of Nuclear Cardiology</i> , 2002, 9, 395-401.	1.4	19
31	Myocardial perfusion imaging with adenosine triphosphate predicts the rate of cardiovascular events. <i>Journal of Nuclear Cardiology</i> , 2006, 13, 316-323.	1.4	16
32	Radioguided Surgical Strategy in Mucosal Melanoma of the Nasal Cavity. <i>Clinical Nuclear Medicine</i> , 2008, 33, 14-18.	0.7	15
33	MRI fused with prone FDG PET/CT improves the primary tumour staging of patients with breast cancer. <i>European Radiology</i> , 2017, 27, 3190-3198.	2.3	15
34	La PET/TC con 68 Ga-PSMA en el cÃncer de prÃstata. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018, 37, 130-138.	0.0	13
35	The utility of ADC value in diffusion-weighted whole-body MRI in the follow-up of patients with multiple myeloma. Correlation study with 18F-FDG PET-CT. <i>European Journal of Radiology</i> , 2020, 133, 109403.	1.2	13
36	Safety and feasibility of atropine added to submaximal exercise stress testing with Tl-201 SPECT for the diagnosis of myocardial ischemia. <i>Journal of Nuclear Cardiology</i> , 2002, 9, 581-586.	1.4	11

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37	Recommendations of the Spanish Societies of Radiation Oncology (SEOR), Nuclear Medicine & Molecular Imaging (SEMNIIM), and Medical Physics (SEFM) on 18F-FDG PET-CT for radiotherapy treatment planning. Reports of Practical Oncology and Radiotherapy, 2012, 17, 298-318.	0.3	11
38	Functional imaging in radiation therapy planning for head and neck cancer. Reports of Practical Oncology and Radiotherapy, 2013, 18, 376-382.	0.3	11
39	Assessment of metabolic patterns and new antitumoral treatment in osteosarcoma xenograft models by [18F]FDG and sodium [18F]fluoride PET. BMC Cancer, 2018, 18, 1193.	1.1	11
40	Primary bone lymphoma of the mandible and thyroid incidentaloma identified by 18FDG PET/CT: a case report. Cases Journal, 2009, 2, 6384.	0.4	9
41	[18F]fluorothymidine-positron emission tomography in patients with locally advanced breast cancer under bevacizumab treatment: Usefulness of different quantitative methods of tumor proliferation. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2014, 33, 280-285.	0.0	8
42	Ultra-low dose whole-body CT for attenuation correction in a dual tracer PET/CT protocol for multiple myeloma. Physica Medica, 2021, 84, 1-9.	0.4	8
43	FDG PET/TC en el cÃncer colorrectal. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 57-66.	0.0	6
44	A multidisciplinary consensus on the morphological and functional responses to immunotherapy treatment. Clinical and Translational Oncology, 2021, 23, 434-449.	1.2	6
45	Pelvic Paraganglioma. Journal of Ultrasound in Medicine, 2007, 26, 261-265.	0.8	5
46	FDG Uptake and the Diagnostic Yield of Transbronchial Needle Aspiration. Journal of Bronchology and Interventional Pulmonology, 2011, 18, 7-14.	0.8	5
47	Impact of initial FDG PET/CT in the management plan of patients with locally advanced head and neck cancer. Clinical and Translational Oncology, 2015, 17, 139-144.	1.2	5
48	Radio-223 en el tratamiento de metÃstasis Ãseas en pacientes con cÃncer de prÃstata resistente a la castraciÃn. RevisiÃn de la literatura y procedimiento. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2018, 37, 330-337.	0.0	5
49	Elevated circulating metalloproteinase 7 predicts recurrent cardiovascular events in patients with carotid stenosis: a prospective cohort study. BMC Cardiovascular Disorders, 2020, 20, 93.	0.7	5
50	Diagnostic accuracy of visual analysis versus dual time-point imaging with 18F-FDG PET/CT for the characterization of indeterminate pulmonary nodules with low uptake. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2021, 40, 155-160.	0.1	5
51	Early Imaging and Molecular Changes with Neoadjuvant Bevacizumab in Stage II/III Breast Cancer. Cancers, 2021, 13, 3511.	1.7	4
52	Clandestine ischemia in patients with vasospastic angina. Coronary Artery Disease, 2000, 11, 383-390.	0.3	3
53	Combine autologous myoblast intramyocardial injection with coronary revascularization in patients with non-acute myocardial infarction. Journal of Heart and Lung Transplantation, 2004, 23, S62.	0.3	3
54	Assessment of left ventricular contractile reserve by means of myocardial perfusion-gated SPECT in patients with early systolic dysfunction after acute myocardial infarction and in patients with chronic ischemic cardiomyopathy. Nuclear Medicine Communications, 2011, 32, 583-590.	0.5	3

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55	Pulmonary Artery Sarcoma With Low 18F-FDG Uptake. <i>Clinical Nuclear Medicine</i> , 2021, 46, e127-e128.	0.7	3
56	Reserva contráctil negativa con bajas dosis de dobutamina en los pacientes con miocardiopatía isquémica estudiados mediante gated-SPECT de perfusión miocárdica. <i>Revista Espanola De Cardiología</i> , 2010, 63, 181-189.	0.6	2
57	Precisión diagnóstica del análisis visual frente al protocolo de imagen tardía con 18F-FDG PET/TC para la caracterización de nódulos pulmonares indeterminados con baja captación. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2021, 40, 155-160.	0.0	2
58	PET/TC con 18F-FDG en cáncer de ovario localmente avanzado. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2019, 38, 59-68.	0.0	1
59	Ovarian cancer: comparison of F-18-FDG-PET imaging technique versus computed tomography scan and serum CA-125 level for diagnosis of recurrent disease. <i>European Journal of Cancer</i> , 2001, 37, S277.	1.3	0
60	Screening for occult malignancy with 18-F-FDG-PET/CT in patients with unprovoked venous thromboembolism. <i>Thrombosis Research</i> , 2012, 129, S176.	0.8	0
61	Evolución de la Medicina Nuclear en el diagnóstico y tratamiento de pacientes con cáncer de próstata. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2018, 37, 71-72.	0.0	0
62	Integrative and multidisciplinary clinical trial using imaging, molecular, and dynamic biomarkers to predict bevacizumab plus chemotherapy response in breast cancer.. <i>Journal of Clinical Oncology</i> , 2011, 29, TPS153-TPS153.	0.8	0
63	Bevacizumab changes in patients with naïve, stage II-III breast cancer assessed by 18F-fluoromisonidazole and 18F-fluorotyridine PET-CT.. <i>Journal of Clinical Oncology</i> , 2011, 29, 2529-2529.	0.8	0
64	P2-08-05: Use of Dynamic Contrast-Enhanced MR Imaging To Predict Pathological Response in Primary Breast Cancer.. , 2011, , .		0
65	P2-09-02: Predicting Response to Bevacizumab in Primary Breast Cancer Using 18F-Fluorothymidina (FLT) and 18F-Misonidazole (MISO) Positron Emission/Computed Tomography (PET/CT) as Imaging Biomarkers.. , 2011, , .		0
66	P5-13-04: Changes in Phosphorylation Status at VEGFR2 and Basal Tumor Hypoxic Volume Assessed by Misonidazol (MISO) Positron Emission Tomography (PET/CT) as Potential Biomarkers for Predicting Response to Bevacizumab in Breast Cancer.. , 2011, , .		0
67	Pancreatic involvement in a patient with multiple myeloma revealed by [18F]FDG PET/CT. A rare manifestation of extramedullary disease. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2021, , .	0.1	0
68	Role of 18F-fluorodeoxyglucose positron emission tomography in mucocutaneous malignant melanoma. <i>Journal of Clinical Oncology</i> , 2004, 22, 7535-7535.	0.8	0