

Josep M Martí-Climent

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,821
citations

304368

22
h-index

329751

37
g-index

39
all docs

39
docs citations

39
times ranked

2642
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	Positron Emission Tomography Imaging of Adenoviral-Mediated Transgene Expression in Liver Cancer Patients. <i>Gastroenterology</i> , 2005, 128, 1787-1795.	0.6	211
3	Activation of Human Cerebral and Cerebellar Cortex by Auditory Stimulation at 40 Hz. <i>Journal of Neuroscience</i> , 2002, 22, 10501-10506.	1.7	179
4	Assessment of biliary bicarbonate secretion in humans by positron emission tomography. <i>Gastroenterology</i> , 1999, 117, 167-172.	0.6	129
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	Brain Glucose Metabolism in Vascular White Matter Disease With Dementia. <i>Stroke</i> , 2010, 41, 2889-2893.	1.0	80
8	Progression of dopaminergic depletion in a model of MPTP-induced Parkinsonism in non-human primates. An 18F-DOPA and 11C-DTBZ PET study. <i>Neurobiology of Disease</i> , 2010, 38, 456-463.	2.1	66
9	Performance Characteristics of the Whole-Body Discovery IQ PET/CT System. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1155-1161.	2.8	57
10	Effective dose estimation for oncological and neurological PET/CT procedures. <i>EJNMMI Research</i> , 2017, 7, 37.	1.1	50
11	Cortical Atrophy and Language Network Reorganization Associated with a Novel Progranulin Mutation. <i>Cerebral Cortex</i> , 2009, 19, 1751-1760.	1.6	47
12	Decreased carbon-11-flumazenil binding in early Alzheimer's disease. <i>Brain</i> , 2012, 135, 2817-2825.	3.7	41
13	Phantom, clinical, and texture indices evaluation and optimization of a penalized likelihood image reconstruction method (Q.Clear) on a BGO PET/CT scanner. <i>Medical Physics</i> , 2018, 45, 3214-3222.	1.6	34
14	A method for multichannel dosimetry with EBT3 radiochromic films. <i>Medical Physics</i> , 2014, 41, 062101.	1.6	31
15	Statistical parametric maps of 18F-FDG PET and 3-D autoradiography in the rat brain: a cross-validation study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 2228-2237.	3.3	29
16	Positron emission tomography and gene therapy: basic concepts and experimental approaches for gene expression imaging. <i>Molecular Imaging and Biology</i> , 2004, 6, 225-238.	1.3	28
17	PET optimization for improved assessment and accurate quantification of ⁹⁰ Y-microsphere biodistribution after radioembolization. <i>Medical Physics</i> , 2014, 41, 092503.	1.6	28
18	Twelve automated thresholding methods for segmentation of PET images: a phantom study. <i>Physics in Medicine and Biology</i> , 2012, 57, 3963-3980.	1.6	27

#	ARTICLE	IF	CITATIONS
19	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
20	A Fully Automated One Pot Synthesis of 9-(4-[¹⁸ F]Fluoro-3-Hydroxymethylbutyl) Guanine for Gene Therapy Studies. <i>Molecular Imaging and Biology</i> , 2002, 4, 415-424.	1.3	23
21	PET Tracers for Clinical Imaging of Breast Cancer. <i>Journal of Oncology</i> , 2012, 2012, 1-9.	0.6	23
22	Image quality evaluation in a modern PET system: impact of new reconstructions methods and a radiomics approach. <i>Scientific Reports</i> , 2019, 9, 10640.	1.6	23
23	Simple automated system for simultaneous production of ¹¹ C-labeled tracers by solid supported methylation. <i>Applied Radiation and Isotopes</i> , 2006, 64, 808-811.	0.7	22
24	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
25	Impact of the dosimetry approach on the resulting ⁹⁰ Y radioembolization planned absorbed doses based on ^{99m} Tc-MAA SPECT-CT: is there agreement between dosimetry methods?. <i>EJNMMI Physics</i> , 2020, 7, 72.	1.3	15
26	Radiation dosimetry and biodistribution in non-human primates of the sodium/iodide PET ligand [¹⁸ F]-tetrafluoroborate. <i>EJNMMI Research</i> , 2015, 5, 70.	1.1	14
27	Brain PET imaging optimization with time of flight and point spread function modelling. <i>Physica Medica</i> , 2015, 31, 948-955.	0.4	14
28	Dosis de radiación producida por los pacientes durante la incorporación del radiofármaco en las pruebas diagnósticas de medicina nuclear. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2016, 35, 175-185.	0.0	3
29	Response to "Comment on "A method for multichannel dosimetry with EBT3 radiochromic films" [Med. Phys. 41, 062101 (10pp.) (2014)]. <i>Medical Physics</i> , 2014, 41, 107102.	1.6	2
30	Application of spherical diodes for megavoltage photon beams dosimetry. <i>Medical Physics</i> , 2013, 41, 012102.	1.6	1
31	Lessons from ¹¹ C-dihydratetrabenazine imaging in a xenograft mouse model of rat insulinoma: is PET imaging of pancreatic beta cell mass feasible?. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 61, 447-455.	0.4	1
32	El especialista en Radiofísica Hospitalaria en el Servicio de Medicina Nuclear. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2020, 39, 135-137.	0.0	0