

Josep M Martí-Clement

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,821
citations

304368

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h-index

329751

37
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docs citations

39
times ranked

2642
citing authors

#	ARTICLE	IF	CITATIONS
1	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?. EJMNM Physics, 2020, 7, 72.	1.3	15
2	El especialista en Radiofísica Hospitalaria en el Servicio de Medicina Nuclear. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2020, 39, 135-137.	0.0	0
3	Image quality evaluation in a modern PET system: impact of new reconstructions methods and a radiomics approach. Scientific Reports, 2019, 9, 10640.	1.6	23
4	Significant dose reduction is feasible in FDG PET/CT protocols without compromising diagnostic quality. Physica Medica, 2018, 46, 134-139.	0.4	27
5	Phantom, clinical, and texture indices evaluation and optimization of a penalized likelihood image reconstruction method (Q.Clear) on a ⁶⁸ Ge PET/CT scanner. Medical Physics, 2018, 45, 3214-3222.	1.6	34
6	Performance Characteristics of the Whole-Body Discovery IQ PET/CT System. Journal of Nuclear Medicine, 2017, 58, 1155-1161.	2.8	57
7	Effective dose estimation for oncological and neurological PET/CT procedures. EJMNM Research, 2017, 7, 37.	1.1	50
8	Lessons from ¹¹ C-dihydropyridopyridazine imaging in a xenograft mouse model of rat insulinoma: is PET imaging of pancreatic beta cell mass feasible?. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2017, 61, 447-455.	0.4	1
9	Dosis de radiación producida por los pacientes durante la incorporación del radiofármaco en las pruebas diagnósticas de medicina nuclear. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2016, 35, 175-185.	0.0	3
10	Radiation dosimetry and biodistribution in non-human primates of the sodium/iodide PET ligand [¹⁸ F]-tetrafluoroborate. EJMNM Research, 2015, 5, 70.	1.1	14
11	Brain PET imaging optimization with time of flight and point spread function modelling. Physica Medica, 2015, 31, 948-955.	0.4	14
12	PET optimization for improved assessment and accurate quantification of ⁹⁰ Y-microsphere biodistribution after radioembolization. Medical Physics, 2014, 41, 092503.	1.6	28
13	Response to "Comment on "A method for multichannel dosimetry with EBT3 radiochromic films" [Med. Phys. 41, 062101 (10pp.) (2014)]. Medical Physics, 2014, 41, 107102.	1.6	2
14	A method for multichannel dosimetry with EBT3 radiochromic films. Medical Physics, 2014, 41, 062101.	1.6	31
15	Application of spherical diodes for megavoltage photon beams dosimetry. Medical Physics, 2013, 41, 012102.	1.6	1
16	Decreased carbon-11-flumazenil binding in early Alzheimer's disease. Brain, 2012, 135, 2817-2825.	3.7	41
17	Twelve automated thresholding methods for segmentation of PET images: a phantom study. Physics in Medicine and Biology, 2012, 57, 3963-3980.	1.6	27
18	PET Tracers for Clinical Imaging of Breast Cancer. Journal of Oncology, 2012, 2012, 1-9.	0.6	23

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19	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
20	Brain Glucose Metabolism in Vascular White Matter Disease With Dementia. <i>Stroke</i> , 2010, 41, 2889-2893.	1.0	80
21	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
22	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
23	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
24	Cortical Atrophy and Language Network Reorganization Associated with a Novel Progranulin Mutation. <i>Cerebral Cortex</i> , 2009, 19, 1751-1760.	1.6	47
25	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
26	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
27	Positron Emission Tomography Imaging of Adenoviral-Mediated Transgene Expression in Liver Cancer Patients. <i>Gastroenterology</i> , 2005, 128, 1787-1795.	0.6	211
28	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
29	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
30	A Fully Automated One Pot Synthesis of 9-(4-[18F]Fluoro-3-Hydroxymethylbutyl) Guanine for Gene Therapy Studies. <i>Molecular Imaging and Biology</i> , 2002, 4, 415-424.	1.3	23
31	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
32	Assessment of biliary bicarbonate secretion in humans by positron emission tomography. <i>Gastroenterology</i> , 1999, 117, 167-172.	0.6	129