

# Jose M Anton-Rodriguez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

753  
citations

933447

10  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of a Standard Resolution PET-CT Scanner With an HRRT Brain Scanner for Imaging Small Tumors Within the Head. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 434-443.	3.7	10
2	Initial Measurements with the PETsys TOFPET2 ASIC Evaluation Kit and a Characterization of the ASIC TDC. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 444-453.	3.7	34
3	Qualification of the Seven Dementias Platform UK PET-MR Scanners for Multicentre Trials. , 2019, , .		1
4	Comparison of point spread function variations across the field of view of a PET/MR scanner with a standard resolution PET/CT. , 2019, , .		0
5	[18F]fluorothymidine and [18F]fluorodeoxyglucose PET Imaging Demonstrates Uptake and Differentiates Growth in Neurofibromatosis 2 Related Vestibular Schwannoma. Otology and Neurotology, 2019, 40, 826-835.	1.3	6
6	Functional neuroanatomical associations of working memory in early-onset Alzheimer's disease. International Journal of Geriatric Psychiatry, 2018, 33, 176-184.	2.7	10
7	Metabolic regional and network changes in Alzheimer's disease subtypes. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1796-1806.	4.3	23
8	Elevated Translocator Protein in Anterior Cingulate in Major Depression and a Role for Inflammation in Suicidal Thinking: A Positron Emission Tomography Study. Biological Psychiatry, 2018, 83, 61-69.	1.3	266
9	Experimental validation of estimated spatially variant radioisotope-specific point spread functions using published positron range simulations and fluorine-18 measurements. Physics in Medicine and Biology, 2018, 63, 24NT01.	3.0	3
10	Incorporating HYPR de-noising within iterative PET reconstruction (HYPR-OSEM). Physics in Medicine and Biology, 2017, 62, 6666-6687.	3.0	19
11	Validation of a realistic simulation of the HRRT using SimSET. , 2017, , .		1
12	In vivo imaging of brain microglial activity in antipsychotic-free and medicated schizophrenia: a [11C](R)-PK11195 positron emission tomography study. Molecular Psychiatry, 2016, 21, 1672-1679.	7.9	82
13	<sup>18</sup> F-Florbetapir PET in Patients with Frontotemporal Dementia and Alzheimer Disease. Journal of Nuclear Medicine, 2015, 56, 386-391.	5.0	41
14	The effect of 18F-florbetapir dose reduction on region-based classification of cortical amyloid deposition. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 2144-2149.	6.4	11
15	Regional Neuronal Network Failure and Cognition in Late-Onset Sporadic Alzheimer Disease. American Journal of Neuroradiology, 2014, 35, S18-S30.	2.4	13
16	Isotope specific resolution recovery image reconstruction in high resolution PET imaging. Medical Physics, 2014, 41, 052503.	3.0	11
17	Early reduction in tumour [18F]fluorothymidine (FLT) uptake in patients with non-small cell lung cancer (NSCLC) treated with radiotherapy alone. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 682-693.	6.4	39
18	P-glycoprotein expression and function in patients with temporal lobe epilepsy: a case-control study. Lancet Neurology, The, 2013, 12, 777-785.	10.2	155

#	ARTICLE	IF	CITATIONS
19	Multiple target marker tracking for real-time, accurate, and robust rigid body motion tracking of the head for brain PET. , 2013, , .		1
20	Isotope specific resolution modelling image reconstruction for high resolution PET imaging. , 2013, , .		2
21	Comparison of depth of interaction encoding and resolution modelling image reconstruction in High Resolution PET imaging. , 2013, , .		0
22	Optimization of methods for quantification of rCBF using high-resolution [ <sup>15</sup> O]H <sub>2</sub> O PET images. Physics in Medicine and Biology, 2012, 57, 2251-2271.	3.0	8
23	An investigation into attenuation artefacts created by cochlear implants in positron emission tomography. , 2012, , .		0
24	Optimization of high resolution PET iterative reconstruction with resolution modeling for image derived input function. , 2012, , .		1
25	Investigation of motion induced errors in scatter correction for the HRRT brain scanner. , 2010, , .		16