

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	Elevated Translocator Protein in Anterior Cingulate in Major Depression and a Role for Inflammation in Suicidal Thinking: A Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2018, 83, 61-69.	1.3	266
2	P-glycoprotein expression and function in patients with temporal lobe epilepsy: a case-control study. <i>Lancet Neurology</i> , The, 2013, 12, 777-785.	10.2	155
3	In vivo imaging of brain microglial activity in antipsychotic-free and medicated schizophrenia: a [¹¹ C](R)-PK11195 positron emission tomography study. <i>Molecular Psychiatry</i> , 2016, 21, 1672-1679.	7.9	82
4	¹⁸ F-Florbetapir PET in Patients with Frontotemporal Dementia and Alzheimer Disease. <i>Journal of Nuclear Medicine</i> , 2015, 56, 386-391.	5.0	41
5	Early reduction in tumour [¹⁸ F]fluorothymidine (FLT) uptake in patients with non-small cell lung cancer (NSCLC) treated with radiotherapy alone. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 682-693.	6.4	39
6	Initial Measurements with the PETsys TOFPET2 ASIC Evaluation Kit and a Characterization of the ASIC TDC. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 444-453.	3.7	34
7	Metabolic regional and network changes in Alzheimer's disease subtypes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1796-1806.	4.3	23
8	Incorporating HYPR de-noising within iterative PET reconstruction (HYPR-OSEM). <i>Physics in Medicine and Biology</i> , 2017, 62, 6666-6687.	3.0	19
9	Investigation of motion induced errors in scatter correction for the HRRT brain scanner. , 2010, , .		16
10	Regional Neuronal Network Failure and Cognition in Late-Onset Sporadic Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2014, 35, S18-S30.	2.4	13
11	The effect of ¹⁸ F-florbetapir dose reduction on region-based classification of cortical amyloid deposition. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2144-2149.	6.4	11
12	Isotope specific resolution recovery image reconstruction in high resolution PET imaging. <i>Medical Physics</i> , 2014, 41, 052503.	3.0	11
13	Functional neuroanatomical associations of working memory in early-onset Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 176-184.	2.7	10
14	Comparison of a Standard Resolution PET-CT Scanner With an HRRT Brain Scanner for Imaging Small Tumors Within the Head. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 434-443.	3.7	10
15	Optimization of methods for quantification of rCBF using high-resolution [¹⁵ O]H ₂ O PET images. <i>Physics in Medicine and Biology</i> , 2012, 57, 2251-2271.	3.0	8
16	[¹⁸ F]fluorothymidine and [¹⁸ F]fluorodeoxyglucose PET Imaging Demonstrates Uptake and Differentiates Growth in Neurofibromatosis 2 Related Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2019, 40, 826-835.	1.3	6
17	Experimental validation of estimated spatially variant radioisotope-specific point spread functions using published positron range simulations and fluorine-18 measurements. <i>Physics in Medicine and Biology</i> , 2018, 63, 24NT01.	3.0	3
18	Isotope specific resolution modelling image reconstruction for high resolution PET imaging. , 2013, , .		2

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19	Optimization of high resolution PET iterative reconstruction with resolution modeling for image derived input function. , 2012, , .		1
20	Multiple target marker tracking for real-time, accurate, and robust rigid body motion tracking of the head for brain PET. , 2013, , .		1
21	Validation of a realistic simulation of the HRRT using SimSET. , 2017, , .		1
22	Qualification of the Seven Dementias Platform UK PET-MR Scanners for Multicentre Trials. , 2019, , .		1
23	An investigation into attenuation artefacts created by cochlear implants in positron emission tomography. , 2012, , .		0
24	Comparison of depth of interaction encoding and resolution modelling image reconstruction in High Resolution PET imaging. , 2013, , .		0
25	Comparison of point spread function variations across the field of view of a PET/MR scanner with a standard resolution PET/CT. , 2019, , .		0