

Cristina Lois

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,855
citations

840728

11
h-index

888047

17
g-index

27
all docs

27
docs citations

27
times ranked

3129
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	1.2	969
2	Impact of Time-of-Flight on PET Tumor Detection. Journal of Nuclear Medicine, 2009, 50, 1315-1323.	5.0	305
3	An Assessment of the Impact of Incorporating Time-of-Flight Information into Clinical PET/CT Imaging. Journal of Nuclear Medicine, 2010, 51, 237-245.	5.0	232
4	Performance evaluation of the 5-ring GE Discovery MI PET/CT system using the national electrical manufacturers association NU 2012 Standard. Medical Physics, 2019, 46, 3025-3033.	3.0	78
5	Neuroinflammation in Huntington's Disease: New Insights with ¹¹ C-PBR28 PET/MRI. ACS Chemical Neuroscience, 2018, 9, 2563-2571.	3.5	60
6	PET imaging of tau protein targets: a methodology perspective. Brain Imaging and Behavior, 2019, 13, 333-344.	2.1	43
7	Quantitative PET in the 2020s: a roadmap. Physics in Medicine and Biology, 2021, 66, 06RM01.	3.0	36
8	Effect of MR contrast agents on quantitative accuracy of PET in combined whole-body PET/MR imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1756-1766.	6.4	31
9	Menopause Status Moderates Sex Differences in Tau Burden: A Framingham PET Study. Annals of Neurology, 2022, 92, 11-22.	5.3	29
10	Association of cortical microstructure with amyloid- β and tau: impact on cognitive decline, neurodegeneration, and clinical progression in older adults. Molecular Psychiatry, 2021, 26, 7813-7822.	7.9	17
11	Nonlinear Distributional Mapping (NoDiM) for harmonization across amyloid-PET radiotracers. NeuroImage, 2019, 186, 446-454.	4.2	16
12	A feasibility study on the use of arrays of discrete SiPMs for MR compatible LYSO readout using Monte Carlo simulation. Journal of Instrumentation, 2012, 7, P06002-P06002.	1.2	9
13	Pathological correlates of impaired self-awareness of memory function in Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 118.	6.2	7
14	Comparison of NEMA NU 4-2008 vs NEMA NU 2-2001 for the performance evaluation of the microPET R4 system. , 2009, , .		5
15	Silicon sensor probing and radiation studies for the LHCb silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 277-283.	1.6	4
16	Characterization of low energy Lu background on continuous LYSO blocks. , 2010, , .		3
17	A portable device for small animal SPECT imaging in clinical gamma-cameras. Journal of Instrumentation, 2014, 9, P07004-P07004.	1.2	3
18	Monte Carlo simulations versus experimental measurements in a small animal PET system. A comparison in the NEMA NU 4-2008 framework. Physics in Medicine and Biology, 2015, 60, 151-162.	3.0	3

#	ARTICLE	IF	CITATIONS
19	Parametrization of SiPM dynamic range contribution to energy resolution of scintillation light readout. , 2008, , .		2
20	Analytical Study of the Effect of the System Geometry on Photon Sensitivity and Depth of Interaction of Positron Emission Mammography. Journal of Oncology, 2012, 2012, 1-7.	1.3	2
21	Design simulations of a LSO crystal block detector module for dual PET/SPECT systems. , 2008, , .		1
22	LHCb Silicon Tracker Performance Studies. IEEE Transactions on Nuclear Science, 2006, 53, 2440-2445.	2.0	0
23	The LHCb Silicon Tracker Project. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 114-117.	0.4	0
24	Monte Carlo optimization of SiPM readout configurations for continuous LYSO blocks. , 2010, , .		0
25	The relationship between cortical microstructural changes and in vivo amyloid β^2 and tau in aging and preclinical Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e041626.	0.8	0
26	Pathological correlates of impaired self-awareness of memory function in dementia. Alzheimer's and Dementia, 2020, 16, e047694.	0.8	0
27	PET and PET/MRI Methods. , 2020, , 125-143.		0