Francisco P M Oliveira

List of Publications by Year
in descending order

39 papers	961 citations	759233 12 h-index	526287 27 g-index
40 all docs	40 docs citations	40 times ranked	1521 citing authors

#	Article	IF	Citations
1	Positron Emission Tomographyâ€“Derived Metrics Predict the Probability of Local Relapse After Oligometastasis-Directed Ablative Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100864.	1.2	1
2	Are lesion features reproducible between 18F-FDG PET/CT images when acquired on analog or digital PET/CT scanners?. European Radiology, 2021, 31, 3071-3079.	4.5	9
3	Pixelwise corrected ventilation/perfusion ratios improved detection of mismatched perfusion defects. Revista Espanola De Medicina Nuclear E Imagen Molecular, 2021, 40, 313-314.	0.2	0
4	A link between synaptic plasticity and reorganization of brain activity in Parkinson's disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
5	¹²³I-FP-CIT SPECT in dementia with Lewy bodies, Parkinsonâ€™s disease and Alzheimerâ€™s disease: a new quantitative analysis of autopsy confirmed cases. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 662-667.	1.9	13
6	Automatic classification of idiopathic Parkinsonâ€™s disease and atypical Parkinsonian syndromes combining [¹¹C]raclopride PET uptake and MRI grey matter morphometry. Journal of Neural Engineering, 2021, 18, 046037.	3.5	15
7	EMOTIONAL DISTRESS, BRAIN FUNCTIONING, SOCIAL WELL-BEING AND BIOBEHAVIORAL PROCESSES IN METASTATIC BREAST CANCER PATIENTS: OUTCOMES OF THE DISTRESSBRAIN PROJECT. Breast, 2021, 59, S55-S56.	2.2	0
8	Computer-Aided Diagnosis of Parkinsonâ€™s Disease, Based on SPECT Scans of the Dopamine Transporter. , 2021, , 709-727.		0
9	Nuclear medicine and molecular imaging advances in the 21st century. British Journal of Radiology, 2020, 93, 20200095.	2.2	42
10	Quantification of tumor burden in multiple myeloma by atlas-based semi-automatic segmentation of WB-DWI. Cancer Imaging, 2020, 20, 6.	2.8	16
11	Negative affect and stressâ€related brain metabolism in patients with metastatic breast cancer. Cancer, 2020, 126, 3122-3131.	4.1	5
12	Patient-specific gamma-index analysis to evaluate ^{99m}Tc-MAA as a predictor for ⁹⁰Y glass microspheres liver radioembolisation dosimetry. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 583-589.	1.9	0
13	Pre-Treatment and Early Post-Radiotherapy PET Metabolic Metrics Predict Probability of Local Relapse in Oligometastases. International Journal of Radiation Oncology Biology Physics, 2019, 105, S73.	0.8	0
14	Evaluation of the attenuation correction on myocardial perfusion imaging: a phantom study. , 2019, , .		0
15	A longitudinal multimodal in vivo molecular imaging study of the 3xTg-AD mouse model shows progressive early hippocampal and taurine loss. Human Molecular Genetics, 2019, 28, 2174-2188.	2.9	40
16	Impulsivity across reactive, proactive and cognitive domains in Parkinson's disease on dopaminergic medication: Evidence for multiple domain impairment. PLoS ONE, 2019, 14, e0210880.	2.5	8
17	SELF-MANAGEMENT SKILLS AS PREDICTORS OF POSITIVE AFFECT AND SOCIAL WELL-BEING IN METASTATIC BREAST CANCER PATIENTS. Breast, 2019, 48, S63-S64.	2.2	1
18	EMOTIONAL DISTRESS AND BRAIN FUNCTIONING METABOLISM IN METASTATIC BREAST CANCER PATIENTS: A NEURO-IMAGING STUDY WITH 18F-FDG PET/CT. Breast, 2019, 48, S64.	2.2	0

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19	Comparison of the ⁹⁰Y-labelled glass microspheres liver radioembolisation dosimetry with the estimated dosimetry obtained from pre-treatment ^{99m}Tc-MAA SPECT images reconstructed with and without attenuation correction. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 651-659.	1.9	0
20	Voxel-Based Computational Tools Help Liver Dosimetry Calculations of Multiple (External and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	0.5	0
21	Extraction, selection and comparison of features for an effective automated computer-aided diagnosis of Parkinsonâ€™s disease based on [123I]FP-CIT SPECT images. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 1052-1062.	6.4	50
22	Can 11C-PiB-PET Relative Delivery R1 or 11C-PiB-PET Perfusion Replace 18F-FDG-PET in the Assessment of Brain Neurodegeneration?. Journal of Alzheimer's Disease, 2018, 65, 89-97.	2.6	21
23	Radiopharmacology and molecular imaging of PD-L1 expression in cancer. Clinical and Translational Imaging, 2018, 6, 429-439.	2.1	7
24	Data driven diagnostic classification in Alzheimer's disease based on different reference regions for normalization of PiB-PET images and correlation with CSF concentrations of Aî² species. NeuroImage: Clinical, 2018, 20, 603-610.	2.7	11
25	The Importance of SPECT Imaging Attenuation Correction During Treatment Planning for 90Y-labeled Glass Microspheres Liver Radioembolization. Lecture Notes in Computational Vision and Biomechanics, 2018, , 266-274.	0.5	1
26	Distributed non-invasive system for measuring the arterial input function in PET. , 2017, , .		0
27	Computer-aided diagnosis of Parkinsonâ€™s disease based on [¹²³I]FP-CIT SPECT binding potential images, using the voxels-as-features approach and support vector machines. Journal of Neural Engineering, 2015, 12, 026008.	3.5	51
28	Automated segmentation of the incus and malleus ossicles in conventional tri-dimensional computed tomography images. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2014, 228, 810-818.	1.8	5
29	Medical image registration: a review. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 73-93.	1.6	535
30	Enhanced spatio-temporal alignment of plantar pressure image sequences using B-splines. Medical and Biological Engineering and Computing, 2013, 51, 267-276.	2.8	9
31	Analysis of ground reaction force and electromyographic activity of the gastrocnemius muscle during double support. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2012, 226, 397-405.	1.8	12
32	COP DISPLACEMENT RELIABILITY IN MEDIAL-LATERAL DIRECTION IN POSTMENOPAUSAL WOMEN. Journal of Biomechanics, 2012, 45, S245.	2.1	0
33	Towards an efficient and robust foot classification from pedobarographic images. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 1181-1188.	1.6	15
34	Registration of plantar pressure images. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 589-603.	2.1	8
35	Novel framework for registration of pedobarographic image data. Medical and Biological Engineering and Computing, 2011, 49, 313-323.	2.8	15
36	Spatio-temporal alignment of pedobarographic image sequences. Medical and Biological Engineering and Computing, 2011, 49, 843-850.	2.8	11

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37	Registration of pedobarographic image data in the frequency domain. Computer Methods in Biomechanics and Biomedical Engineering, 2010, 13, 731-740.	1.6	34
38	Matching Contours in Images using Curvature Information and Optimization based on Dynamic Programming. IEEE Latin America Transactions, 2009, 7, 703-712.	1.6	2
39	Rapid pedobarographic image registration based on contour curvature and optimization. Journal of Biomechanics, 2009, 42, 2620-2623.	2.1	17