Patricia Figueiredo

List of Publications by Year
in descending order

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89	2,313	304743	243625
papers	citations	22 h-index	44 g-index

93	93	93	3023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal dynamics of intranasal oxytocin in human brain electrophysiology. Cerebral Cortex, 2022, 32, 3110-3126.	2.9	5
2	Impact of white-matter mask selection on DTI histogram-based metrics as potential biomarkers in cerebral small vessel disease. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 779-790.	2.0	1
3	P221 Association between Irritable Bowel Syndrome-type symptoms and Ulcerative Colitis: is it real?. Journal of Crohn's and Colitis, 2022, 16, i272-i272.	1.3	0
4	High-Grade Glioma Treatment Response Monitoring Biomarkers: A Position Statement on the Evidence Supporting the Use of Advanced MRI Techniques in the Clinic, and the Latest Bench-to-Bedside Developments. Part 1: Perfusion and Diffusion Techniques. Frontiers in Oncology, 2022, 12, 810263.	2.8	29
5	Impact of age, VR, immersion, and spatial resolution on classifier performance for a MI-based BCI. Brain-Computer Interfaces, 2022, 9, 169-178.	1.8	6
6	THE ROLE OF CHOLANGIOSCOPY IN THE DIAGNOSIS OF INTRADUCTAL PAPILLARY NEOPLASM OF THE BILE DUCT. Endoscopy, 2022, 54, .	1.8	0
7	ACCESSIBILITY TO ENDOSCOPIC RESECTION OF COLORECTAL NEOPLASTIC LESIONSâ‰¥20MM IN A REFERRAL CENTER: WHAT WAS THE COVID-19 PANDEMIC IMPACT?. Endoscopy, 2022, 54, .	1.8	0
8	EEG Microstates Predict Concurrent fMRI Dynamic Functional Connectivity States. Brain Topography, 2021, 34, 41-55.	1.8	26
9	GliMR: Cross-Border Collaborations to Promote Advanced MRI Biomarkers for Glioma. Journal of Medical and Biological Engineering, 2021, 41, 115-125.	1.8	12
10	Finding the Optimal Time Window for Increased Classification Accuracy during Motor Imagery. , 2021, , .		4
11	The Effect of Neurofeedback Training inÂCAVE-VR for Enhancing Working Memory. Human-computer Interaction Series, 2021, , 11-45.	0.6	0
12	New Approaches Based on Non-Invasive Brain Stimulation and Mental Representation Techniques Targeting Pain in Parkinsonâ€™s Disease Patients: Two Study Protocols for Two Randomized Controlled Trials. Brain Sciences, 2021, 11, 65.	2.3	3
13	Artificial Intelligence in the Characterization of Colorectal Polyps: A Prospective Study In a Clinical Setting Using Cadeye. Endoscopy, 2021, 53, .	1.8	0
14	Chromoendoscopy Using Blue Laser Imaging in the Prediction of Submucosal Invasion In Colorectal Neoplastic Lesions. Endoscopy, 2021, 53, .	1.8	0
15	Using concept typicality to explore semantic representation and control in healthy ageing. Cognitive Processing, 2021, 22, 539-552.	1.4	3
16	Clinical Effects of Immersive Multimodal BCI-VR Training after Bilateral Neuromodulation with rTMS on Upper Limb Motor Recovery after Stroke. A Study Protocol for a Randomized Controlled Trial. Medicina (Lithuania), 2021, 57, 736.	2.0	9
17	High-Grade Glioma Treatment Response Monitoring Biomarkers: A Position Statement on the Evidence Supporting the Use of Advanced MRI Techniques in the Clinic, and the Latest Bench-to-Bedside Developments. Part 2: Spectroscopy, Chemical Exchange Saturation, Multiparametric Imaging, and Radiomics. Frontiers in Oncology, 2021, 11, 811425.	2.8	15
18	Calibration of arterial spin labeling dataâ€"potential pitfalls in postâ€processing. Magnetic Resonance in Medicine, 2020, 83, 1222-1234.	3.0	36

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19	Regional White Matter Atrophy Correlates with Spike Activity in Encephalopathy Related to Status Epilepticus During Slow Sleep (ESES) After Early Thalamic Lesions. Brain Topography, 2020, 33, 571-585.	1.8	3
20	EEG microstates are a candidate endophenotype for schizophrenia. Nature Communications, 2020, 11, 3089.	12.8	134
21	Neural Compensation Mechanisms of Siblings of Schizophrenia Patients as Revealed by High-Density EEG. Schizophrenia Bulletin, 2020, 46, 1009-1018.	4.3	15
22	Cerebrovascular Reactivity Mapping Without Gas Challenges: A Methodological Guide. Frontiers in Physiology, 2020, 11, 608475.	2.8	41
23	Efficacy and Brain Imaging Correlates of an Immersive Motor Imagery BCI-Driven VR System for Upper Limb Motor Rehabilitation: A Clinical Case Report. Frontiers in Human Neuroscience, 2019, 13, 244.	2.0	99
24	Comparison of Visual and Auditory Modalities for Upper-Alpha EEG-Neurofeedback. , 2019, 2019, 5960-5966.		4
25	Identification of epileptic brain states by dynamic functional connectivity analysis of simultaneous EEG-fMRI: a dictionary learning approach. Scientific Reports, 2019, 9, 638.	3.3	23
26	Identification of brain connectivity disruptions due to thalamic lesions in early development using Diffusion-Weighted MRI. , 2019, , .		0
27	Electrophysiological correlates of visual backward masking in patients with major depressive disorder. Psychiatry Research - Neuroimaging, 2019, 294, 111004.	1.8	10
28	Mapping and characterization of positive and negative BOLD responses to visual stimulation in multiple brain regions at 7T. Human Brain Mapping, 2018, 39, 2426-2441.	3.6	27
29	EEG synchronization measures predict epilepsy-related BOLD-fMRI fluctuations better than commonly used univariate metrics. Clinical Neurophysiology, 2018, 129, 618-635.	1.5	30
30	An automatic pre-processing pipeline for EEG analysis (APP) based on robust statistics. Clinical Neurophysiology, 2018, 129, 1427-1437.	1.5	53
31	Electrophysiological correlates of visual backward masking in patients with first episode psychosis. Psychiatry Research - Neuroimaging, 2018, 282, 64-72.	1.8	12
32	EEG-Informed fMRI: A Review of Data Analysis Methods. Frontiers in Human Neuroscience, 2018, 12, 29.	2.0	115
33	Dominant men are faster in decision-making situations and exhibit a distinct neural signal for promptness. Cerebral Cortex, 2018, 28, 3740-3751.	2.9	11
34	Cholinergic dysfunction might affect backward masking performance: evidence from schizophrenia. Journal of Vision, 2018, 18, 968.	0.3	0
35	Improved 7 Tesla resting-state fMRI connectivity measurements by cluster-based modeling of respiratory volume and heart rate effects. NeuroImage, 2017, 153, 262-272.	4.2	14
36	Phaseâ€“amplitude coupling and the BOLD signal: A simultaneous intracranial EEG (icEEG) - fMRI study in humans performing a finger-tapping task. NeuroImage, 2017, 146, 438-451.	4.2	40

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37	Physiological noise correction using ECG-derived respiratory signals for enhanced mapping of spontaneous neuronal activity with simultaneous EEG-fMRI. NeuroImage, 2017, 154, 115-127.	4.2	25
38	An Arterial Spin Labeling MRI Perfusion Study of Migraine without Aura Attacks. Frontiers in Neurology, 2017, 8, 280.	2.4	23
39	A study of the electro-haemodynamic coupling using simultaneously acquired intracranial EEG and fMRI data in humans. NeuroImage, 2016, 142, 371-380.	4.2	20
40	Physiological noise model comparison for resting-state fMRI at 7 T. , 2016, , .		1
41	Dynamics of epileptic activity in a peculiar case of childhood absence epilepsy and correlation with thalamic levels of GABA. Epilepsy & Behavior Case Reports, 2016, 5, 57-65.	1.5	16
42	Priming for novel object associations: Neural differences from object item priming and equivalent forms of recognition. Hippocampus, 2016, 26, 472-491.	1.9	15
43	Ballistocardiogram artifact correction taking into account physiological signal preservation in simultaneous EEG-fMRI. NeuroImage, 2016, 135, 45-63.	4.2	39
44	Fourier modeling of the BOLD response to a breath-hold task: Optimization and reproducibility. NeuroImage, 2016, 135, 223-231.	4.2	29
45	Objective selection of epilepsy-related independent components from EEG data. Journal of Neuroscience Methods, 2016, 258, 67-78.	2.5	11
46	STTICS: A template-based algorithm for the objective selection of epilepsy-related EEG ICA components. , 2015, , .		1
47	Stochastic Dynamic Causal Modelling of fMRI Data with Multiple-Model Kalman Filters. Methods of Information in Medicine, 2015, 54, 232-239.	1.2	4
48	On the distinguishability of HRF models in fMRI. Frontiers in Computational Neuroscience, 2015, 9, 54.	2.1	6
49	Characterisation and Reduction of the EEG Artefact Caused by the Helium Cooling Pump in the MR Environment: Validation in Epilepsy Patient Data. Brain Topography, 2015, 28, 208-220.	1.8	28
50	Towards high-quality simultaneous EEG-fMRI at 7 T: Detection and reduction of EEG artifacts due to head motion. NeuroImage, 2015, 120, 143-153.	4.2	53
51	A new hierarchical brain parcellation method based on discrete morse theory for functional MRI data. , 2015, , .		2
52	Electrophysiological correlates of the BOLD signal for EEG-informed fMRI. Human Brain Mapping, 2015, 36, 391-414.	3.6	137
53	Simultaneous EEGâ€“fMRI at ultra-high field: Artifact prevention and safety assessment. NeuroImage, 2015, 105, 132-144.	4.2	63
54	Techniques for Brain Functional Connectivity Analysis from High Resolution Imaging. Studies in Computational Intelligence, 2015, , 131-138.	0.9	0

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55	Reproducibility of hypocapnic cerebrovascular reactivity measurements using BOLD fMRI in combination with a paced deep breathing task. NeuroImage, 2014, 98, 31-41.	4.2	20
56	EEGâ€“fMRI integration for the study of human brain function. NeuroImage, 2014, 102, 24-34.	4.2	117
57	Reproducibility of the quantification of arterial and tissue contributions in multiple postlabeling delay arterial spin labeling. Journal of Magnetic Resonance Imaging, 2014, 40, 1453-1462.	3.4	13
58	Localization of the hand motor area by arterial spin labeling and blood oxygen levelâ€dependent functional magnetic resonance imaging. Human Brain Mapping, 2013, 34, 96-108.	3.6	21
59	Signal fluctuations in fMRI data acquired with 2D-EPI and 3D-EPI at 7 Tesla. Magnetic Resonance Imaging, 2013, 31, 212-220.	1.8	60
60	Reduction of EEG artefacts induced by vibration in the MR-environment. , 2013, 2013, 2092-5.		4
61	Transfer Function between EEG and BOLD Signals of Epileptic Activity. Frontiers in Neurology, 2013, 4, 1.	2.4	129
62	Characterization and Reduction of MR-Environment-Related EEG Artefacts. Lecture Notes in Computer Science, 2013, , 808-818.	1.3	2
63	Scalp EEG Continuous Space ERD/ERS Quantification. Lecture Notes in Computer Science, 2013, , 616-623.	1.3	1
64	Temporal Integration of 3D Coherent Motion Cues Defining Visual Objects of Unknown Orientation is Impaired in Amnestic Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 28, 885-896.	2.6	18
65	Estimation of the haemodynamic response to epileptic activity in EEG-fMRI data. , 2012, , .		0
66	Haemodynamic Response Function (HRF) model selection in fMRI using Kalman filtering. , 2012, , .		0
67	Dynamic Causal Modelling of epileptic seizure propagation pathways: A combined EEGâ€“fMRI study. NeuroImage, 2012, 62, 1634-1642.	4.2	62
68	Decoding visual brain states from fMRI using an ensemble of classifiers. Pattern Recognition, 2012, 45, 2064-2074.	8.1	33
69	Automatic classification of cognitive states. , 2011, , .		1
70	Sources of signal fluctuations in functional magnetic resonance imaging at 7 Tesla. , 2011, , .		0
71	EEG-fMRI measures of functional brain connectivity in epilepsy. , 2011, , .		3
72	Decoding visual stimuli using classifier ensembles with optimized feature selection. , 2011, , .		0

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73	Music and Emotions in the Brain: Familiarity Matters. PLoS ONE, 2011, 6, e27241.	2.5	306
74	Quantification of Perfusion Changes during a Motor Task Using Arterial Spin Labeling. Neuroradiology Journal, 2011, 24, 85-91.	1.2	2
75	Challenges for Non-Invasive Brain Perfusion Quantification Using Arterial Spin Labeling. Neuroradiology Journal, 2011, 24, 77-83.	1.2	1
76	Optimal Sampling and Estimation in PASL Perfusion Imaging. IEEE Transactions on Biomedical Engineering, 2011, 58, 3165-3174.	4.2	6
77	Spatial priors for perfusion and transit time estimation in PASL-MRI. , 2011, , .		0
78	Automatic HyperParameter Estimation in fMRI. Lecture Notes in Computer Science, 2011, , 117-125.	1.3	0
79	Joint fMRI brain activation detection and segmentation using level sets. , 2010, 2010, 5708-11.		1
80	Multiple-Model Set-Valued Observers: A new tool for HRF model selection in fMRI. , 2010, 2010, 5704-7.		4
81	On the distinguishability of HRF models in fMRI. , 2010, 2010, 5677-80.		1
82	Bayesian optimization of perfusion and transit time estimation in PASL-MRI. , 2010, 2010, 4284-7.		2
83	Bayesian fisher information criterion for sampling optimization in ASL-MRI. , 2010, , .		7
84	ICA decomposition of EEG signal for fMRI processing in epilepsy. Human Brain Mapping, 2009, 30, 2986-2996.	3.6	40
85	Adaptive visual memory reorganization in right medial temporal lobe epilepsy. Epilepsia, 2008, 49, 1395-1408.	5.1	19
86	Sampling strategy for perfusion quantification using PASL-MRI. , 2008, , .		0
87	Specific retinotopically based magnocellular impairment in a patient with medial visual dorsal stream damage. Neuropsychologia, 2006, 44, 238-253.	1.6	22
88	Quantitative perfusion measurements using pulsed arterial spin labeling: Effects of large region-of-interest analysis. Journal of Magnetic Resonance Imaging, 2005, 21, 676-682.	3.4	37
89	Quantitative assessment of the reproducibility of functional activation measured with BOLD and MR perfusion imaging: Implications for clinical trial design. NeuroImage, 2005, 27, 393-401.	4.2	125