

# Patricia Figueiredo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2750624/publications.pdf>

Version: 2024-02-01

89  
papers

2,313  
citations

304743

22  
h-index

243625

44  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Music and Emotions in the Brain: Familiarity Matters. PLoS ONE, 2011, 6, e27241.	2.5	306
2	Electrophysiological correlates of the BOLD signal for EEG-informed fMRI. Human Brain Mapping, 2015, 36, 391-414.	3.6	137
3	EEG microstates are a candidate endophenotype for schizophrenia. Nature Communications, 2020, 11, 3089.	12.8	134
4	Transfer Function between EEG and BOLD Signals of Epileptic Activity. Frontiers in Neurology, 2013, 4, 1.	2.4	129
5	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
6	EEG-fMRI integration for the study of human brain function. NeuroImage, 2014, 102, 24-34.	4.2	117
7	EEG-Informed fMRI: A Review of Data Analysis Methods. Frontiers in Human Neuroscience, 2018, 12, 29.	2.0	115
8	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
9	Simultaneous EEG-fMRI at ultra-high field: Artifact prevention and safety assessment. NeuroImage, 2015, 105, 132-144.	4.2	63
10	Dynamic Causal Modelling of epileptic seizure propagation pathways: A combined EEG-fMRI study. NeuroImage, 2012, 62, 1634-1642.	4.2	62
11	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
12	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
13	An automatic pre-processing pipeline for EEG analysis (APP) based on robust statistics. Clinical Neurophysiology, 2018, 129, 1427-1437.	1.5	53
14	Cerebrovascular Reactivity Mapping Without Gas Challenges: A Methodological Guide. Frontiers in Physiology, 2020, 11, 608475.	2.8	41
15	ICA decomposition of EEG signal for fMRI processing in epilepsy. Human Brain Mapping, 2009, 30, 2986-2996.	3.6	40
16	Phase-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
17	Ballistocardiogram artifact correction taking into account physiological signal preservation in simultaneous EEG-fMRI. NeuroImage, 2016, 135, 45-63.	4.2	39
18	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

#	ARTICLE	IF	CITATIONS
19	Calibration of arterial spin labeling data—potential pitfalls in post-processing. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1222-1234.	3.0	36
20	Decoding visual brain states from fMRI using an ensemble of classifiers. <i>Pattern Recognition</i> , 2012, 45, 2064-2074.	8.1	33
21	EEG synchronization measures predict epilepsy-related BOLD-fMRI fluctuations better than commonly used univariate metrics. <i>Clinical Neurophysiology</i> , 2018, 129, 618-635.	1.5	30
22	Fourier modeling of the BOLD response to a breath-hold task: Optimization and reproducibility. <i>NeuroImage</i> , 2016, 135, 223-231.	4.2	29
23	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. <i>Frontiers in Oncology</i> , 2022, 12, 810263.	2.8	29
24	Characterisation and Reduction of the EEG Artefact Caused by the Helium Cooling Pump in the MR Environment: Validation in Epilepsy Patient Data. <i>Brain Topography</i> , 2015, 28, 208-220.	1.8	28
25	Mapping and characterization of positive and negative BOLD responses to visual stimulation in multiple brain regions at 7T. <i>Human Brain Mapping</i> , 2018, 39, 2426-2441.	3.6	27
26	EEG Microstates Predict Concurrent fMRI Dynamic Functional Connectivity States. <i>Brain Topography</i> , 2021, 34, 41-55.	1.8	26
27	Physiological noise correction using ECG-derived respiratory signals for enhanced mapping of spontaneous neuronal activity with simultaneous EEG-fMRI. <i>NeuroImage</i> , 2017, 154, 115-127.	4.2	25
28	An Arterial Spin Labeling MRI Perfusion Study of Migraine without Aura Attacks. <i>Frontiers in Neurology</i> , 2017, 8, 280.	2.4	23
29	Identification of epileptic brain states by dynamic functional connectivity analysis of simultaneous EEG-fMRI: a dictionary learning approach. <i>Scientific Reports</i> , 2019, 9, 638.	3.3	23
30	Specific retinotopically based magnocellular impairment in a patient with medial visual dorsal stream damage. <i>Neuropsychologia</i> , 2006, 44, 238-253.	1.6	22
31	Localization of the hand motor area by arterial spin labeling and blood oxygen level—dependent functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2013, 34, 96-108.	3.6	21
32	Reproducibility of hypocapnic cerebrovascular reactivity measurements using BOLD fMRI in combination with a paced deep breathing task. <i>NeuroImage</i> , 2014, 98, 31-41.	4.2	20
33	A study of the electro-haemodynamic coupling using simultaneously acquired intracranial EEG and fMRI data in humans. <i>NeuroImage</i> , 2016, 142, 371-380.	4.2	20
34	Adaptive visual memory reorganization in right medial temporal lobe epilepsy. <i>Epilepsia</i> , 2008, 49, 1395-1408.	5.1	19
35	Temporal Integration of 3D Coherent Motion Cues Defining Visual Objects of Unknown Orientation is Impaired in Amnesic Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 28, 885-896.	2.6	18
36	Dynamics of epileptic activity in a peculiar case of childhood absence epilepsy and correlation with thalamic levels of GABA. <i>Epilepsy &amp; Behavior Case Reports</i> , 2016, 5, 57-65.	1.5	16

#	ARTICLE	IF	CITATIONS
37	Priming for novel object associations: Neural differences from object item priming and equivalent forms of recognition. <i>Hippocampus</i> , 2016, 26, 472-491.	1.9	15
38	Neural Compensation Mechanisms of Siblings of Schizophrenia Patients as Revealed by High-Density EEG. <i>Schizophrenia Bulletin</i> , 2020, 46, 1009-1018.	4.3	15
39	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. <i>Frontiers in Oncology</i> , 2021, 11, 811425.	2.8	15
40	Improved 7 Tesla resting-state fMRI connectivity measurements by cluster-based modeling of respiratory volume and heart rate effects. <i>NeuroImage</i> , 2017, 153, 262-272.	4.2	14
41	Reproducibility of the quantification of arterial and tissue contributions in multiple postlabeling delay arterial spin labeling. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1453-1462.	3.4	13
42	Electrophysiological correlates of visual backward masking in patients with first episode psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 64-72.	1.8	12
43	GliMR: Cross-Border Collaborations to Promote Advanced MRI Biomarkers for Glioma. <i>Journal of Medical and Biological Engineering</i> , 2021, 41, 115-125.	1.8	12
44	Objective selection of epilepsy-related independent components from EEG data. <i>Journal of Neuroscience Methods</i> , 2016, 258, 67-78.	2.5	11
45	Dominant men are faster in decision-making situations and exhibit a distinct neural signal for promptness. <i>Cerebral Cortex</i> , 2018, 28, 3740-3751.	2.9	11
46	Electrophysiological correlates of visual backward masking in patients with major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2019, 294, 111004.	1.8	10
47	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. <i>Medicina (Lithuania)</i> , 2021, 57, 736.	2.0	9
48	Bayesian fisher information criterion for sampling optimization in ASL-MRI. , 2010, , .		7
49	Optimal Sampling and Estimation in PASL Perfusion Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3165-3174.	4.2	6
50	On the distinguishability of HRF models in fMRI. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 54.	2.1	6
51	Impact of age, VR, immersion, and spatial resolution on classifier performance for a MI-based BCI. <i>Brain-Computer Interfaces</i> , 2022, 9, 169-178.	1.8	6
52	Temporal dynamics of intranasal oxytocin in human brain electrophysiology. <i>Cerebral Cortex</i> , 2022, 32, 3110-3126.	2.9	5
53	Multiple-Model Set-Valued Observers: A new tool for HRF model selection in fMRI. , 2010, 2010, 5704-7.		4
54	Reduction of EEG artefacts induced by vibration in the MR-environment. , 2013, 2013, 2092-5.		4

#	ARTICLE	IF	CITATIONS
55	Stochastic Dynamic Causal Modelling of fMRI Data with Multiple-Model Kalman Filters. <i>Methods of Information in Medicine</i> , 2015, 54, 232-239.	1.2	4
56	Comparison of Visual and Auditory Modalities for Upper-Alpha EEG-Neurofeedback. , 2019, 2019, 5960-5966.		4
57	Finding the Optimal Time Window for Increased Classification Accuracy during Motor Imagery. , 2021, , .		4
58	EEG-fMRI measures of functional brain connectivity in epilepsy. , 2011, , .		3
59	Regional White Matter Atrophy Correlates with Spike Activity in Encephalopathy Related to Status Epilepticus During Slow Sleep (ESES) After Early Thalamic Lesions. <i>Brain Topography</i> , 2020, 33, 571-585.	1.8	3
60	New Approaches Based on Non-Invasive Brain Stimulation and Mental Representation Techniques Targeting Pain in Parkinson's Disease Patients: Two Study Protocols for Two Randomized Controlled Trials. <i>Brain Sciences</i> , 2021, 11, 65.	2.3	3
61	Using concept typicality to explore semantic representation and control in healthy ageing. <i>Cognitive Processing</i> , 2021, 22, 539-552.	1.4	3
62	Bayesian optimization of perfusion and transit time estimation in PASL-MRI. , 2010, 2010, 4284-7.		2
63	Quantification of Perfusion Changes during a Motor Task Using Arterial Spin Labeling. <i>Neuroradiology Journal</i> , 2011, 24, 85-91.	1.2	2
64	A new hierarchical brain parcellation method based on discrete morse theory for functional MRI data. , 2015, , .		2
65	Characterization and Reduction of MR-Environment-Related EEG Artefacts. <i>Lecture Notes in Computer Science</i> , 2013, , 808-818.	1.3	2
66	Joint fMRI brain activation detection and segmentation using level sets. , 2010, 2010, 5708-11.		1
67	On the distinguishability of HRF models in fMRI. , 2010, 2010, 5677-80.		1
68	Automatic classification of cognitive states. , 2011, , .		1
69	Challenges for Non-Invasive Brain Perfusion Quantification Using Arterial Spin Labeling. <i>Neuroradiology Journal</i> , 2011, 24, 77-83.	1.2	1
70	STTICS: A template-based algorithm for the objective selection of epilepsy-related EEG ICA components. , 2015, , .		1
71	Physiological noise model comparison for resting-state fMRI at 7 T. , 2016, , .		1
72	Scalp EEG Continuous Space ERD/ERS Quantification. <i>Lecture Notes in Computer Science</i> , 2013, , 616-623.	1.3	1

#	ARTICLE	IF	CITATIONS
73	Impact of white-matter mask selection on DTI histogram-based metrics as potential biomarkers in cerebral small vessel disease. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 779-790.	2.0	1
74	Sampling strategy for perfusion quantification using PASL-MRI. , 2008, , .		0
75	Sources of signal fluctuations in functional magnetic resonance imaging at 7 Tesla. , 2011, , .		0
76	Decoding visual stimuli using classifier ensembles with optimized feature selection. , 2011, , .		0
77	Spatial priors for perfusion and transit time estimation in PASL-MRI. , 2011, , .		0
78	Estimation of the haemodynamic response to epileptic activity in EEG-fMRI data. , 2012, , .		0
79	Haemodynamic Response Function (HRF) model selection in fMRI using Kalman filtering. , 2012, , .		0
80	Identification of brain connectivity disruptions due to thalamic lesions in early development using Diffusion-Weighted MRI. , 2019, , .		0
81	The Effect of Neurofeedback Training inÂCAVE-VR for Enhancing Working Memory. <i>Human-computer Interaction Series</i> , 2021, , 11-45.	0.6	0
82	Artificial Intelligence in the Characterization of Colorectal Polyps: A Prospective Study In a Clinical Setting Using Cadeye. <i>Endoscopy</i> , 2021, 53, .	1.8	0
83	Chromoendoscopy Using Blue Laser Imaging in the Prediction of Submucosal Invasion In Colorectal Neoplastic Lesions. <i>Endoscopy</i> , 2021, 53, .	1.8	0
84	Automatic HyperParameter Estimation in fMRI. <i>Lecture Notes in Computer Science</i> , 2011, , 117-125.	1.3	0
85	Techniques for Brain Functional Connectivity Analysis from High Resolution Imaging. <i>Studies in Computational Intelligence</i> , 2015, , 131-138.	0.9	0
86	Cholinergic dysfunction might affect backward masking performance: evidence from schizophrenia. <i>Journal of Vision</i> , 2018, 18, 968.	0.3	0
87	P221 Association between Irritable Bowel Syndrome-type symptoms and Ulcerative Colitis: is it real?. <i>Journal of Crohn's and Colitis</i> , 2022, 16, i272-i272.	1.3	0
88	THE ROLE OF CHOLANGIOSCOPY IN THE DIAGNOSIS OF INTRADUCTAL PAPILLARY NEOPLASM OF THE BILE DUCT. <i>Endoscopy</i> , 2022, 54, .	1.8	0
89	ACCESSIBILITY TO ENDOSCOPIC RESECTION OF COLORECTAL NEOPLASTIC LESIONSâ%¥20MM IN A REFERRAL CENTER: WHAT WAS THE COVID-19 PANDEMIC IMPACT?. <i>Endoscopy</i> , 2022, 54, .	1.8	0