João Valente Duarte

List of Publications by Year
in descending order

25 papers	311 citations	1163117 8 h-index	940533 16 g-index
30 all docs	30 docs citations	30 times ranked	511 citing authors

#	Article	IF	Citations
1	Early Disrupted Neurovascular Coupling and Changed Event Level Hemodynamic Response Function in Type 2 Diabetes: An fMRI Study. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1671-1680.	4.3	57
2	Abnormal Brain Activation in Neurofibromatosis Type 1: A Link between Visual Processing and the Default Mode Network. PLoS ONE, 2012, 7, e38785.	2.5	40
3	Multivariate pattern analysis reveals subtle brain anomalies relevant to the cognitive phenotype in neurofibromatosis type 1. Human Brain Mapping, 2014, 35, 89-106.	3.6	37
4	Morphometry and gyrification in bipolar disorder and schizophrenia: A comparative MRI study. NeuroImage: Clinical, 2020, 26, 102220.	2.7	21
5	Feature selection in high dimensional EEG features spaces for epileptic seizure prediction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6206-6211.	0.4	18
6	Parametric fMRI of paced motor responses uncovers novel whole-brain imaging biomarkers in spinocerebellar ataxia type 3. Human Brain Mapping, 2016, 37, 3656-3668.	3.6	16
7	Pivotal role of hMT+ in long-range disambiguation of interhemispheric bistable surface motion. Human Brain Mapping, 2017, 38, 4882-4897.	3.6	14
8	Early visual cortical structural changes in diabetic patients without diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2113-2118.	1.9	14
9	Identification of competing neural mechanisms underlying positive and negative perceptual hysteresis in the human visual system. NeuroImage, 2020, 221, 117153.	4.2	14
10	A two-stage framework for neural processing of biological motion. NeuroImage, 2022, 259, 119403.	4.2	11
11	A novel morphometric signature of brain alterations in type 2 diabetes: Patterns of changed cortical gyrification. European Journal of Neuroscience, 2021, 54, 6322-6333.	2.6	9
12	Working memory load influences perceptual ambiguity by competing for fronto-parietal attentional resources. Brain Research, 2016, 1650, 142-151.	2.2	8
13	Interhemispheric Binding of Ambiguous Visual Motion Is Associated with Changes in Beta Oscillatory Activity but Not with Gamma Range Synchrony. Journal of Cognitive Neuroscience, 2017, 29, 1829-1844.	2.3	8
14	Evidence for distinct levels of neural adaptation to both coherent and incoherently moving visual surfaces in visual area hMT+. NeuroImage, 2018, 179, 540-547.	4.2	7
15	Cerebellar morphometric and spectroscopic biomarkers for Machado-Joseph Disease. Acta Neuropathologica Communications, 2022, 10, 37.	5.2	6
16	Towards Personalized Neural Networks for Epileptic Seizure Prediction. Lecture Notes in Computer Science, 2008, , 479-487.	1.3	5
17	The dual nature of the <scp>BOLD</scp> signal: Responses in visual area <scp>hMT</scp>+ reflect both input properties and perceptual decision. Human Brain Mapping, 2021, 42, 1920-1929.	3.6	5
18	Quantitative Assessment of the Impact of Geometric Distortions and Their Correction on fMRI Data Analyses. Frontiers in Neuroscience, 2021, 15, 642808.	2.8	4

#	Article	IF	Citations
19	A fundamental distinction in early neural processing of implicit social interpretation in schizophrenia and bipolar disorder. NeuroImage: Clinical, 2021, 32, 102836.	2.7	4
20	Tracking perceptual decision mechanisms through changes in interhemispheric functional connectivity in human visual cortex. Scientific Reports, 2019, 9, 1242.	3.3	3
21	Deformation Fields: A new source of information to predict Brain Age. Journal of Neural Engineering, 2022, , .	3.5	3
22	Extending Inferential Group Analysis in Type 2 Diabetic Patients with Multivariate GLM Implemented in SPM8. Open Neuroimaging Journal, 2017, 11, 32-45.	0.2	2
23	Optimizing EEG Source Reconstruction with Concurrent fMRI-Derived Spatial Priors. Brain Topography, 2022, 35, 282-301.	1.8	2
24	Permutations of functional magnetic resonance imaging classification may not be normally distributed. Statistical Methods in Medical Research, 2017, 26, 2567-2585.	1.5	1
25	Permutation distributions of fMRI classification do not behave in accord with central limit theorem. , 2014, , .		0