

Jose M Sanchez-Bornot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9103016/publications.pdf>

Version: 2024-02-01

24
papers

1,125
citations

933447

10
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

1627
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing brain anatomical connections using diffusion weighted MRI and graph theory. <i>NeuroImage</i> , 2007, 36, 645-660.	4.2	322
2	Estimating brain functional connectivity with sparse multivariate autoregression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 969-981.	4.0	267
3	Model driven EEG/fMRI fusion of brain oscillations. <i>Human Brain Mapping</i> , 2009, 30, 2701-2721.	3.6	210
4	EEG source imaging with spatio-temporal tomographic nonnegative independent component analysis. <i>Human Brain Mapping</i> , 2009, 30, 1898-1910.	3.6	89
5	M/EEG-Based Bio-Markers to Predict the MCI and Alzheimer's Disease: A Review From the ML Perspective. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2924-2935.	4.2	60
6	Exploring event-related brain dynamics with tests on complex valued time-frequency representations. <i>Statistics in Medicine</i> , 2008, 27, 2922-2947.	1.6	34
7	Mammogram classification using dynamic time warping. <i>Multimedia Tools and Applications</i> , 2018, 77, 3941-3962.	3.9	27
8	Shaping a data-driven era in dementia care pathway through computational neurology approaches. <i>BMC Medicine</i> , 2020, 18, 398.	5.5	24
9	Robust EEG/MEG Based Functional Connectivity with the Envelope of the Imaginary Coherence: Sensor Space Analysis. <i>Brain Topography</i> , 2018, 31, 895-916.	1.8	23
10	Identifying Complex Brain Networks Using Penalized Regression Methods. <i>Journal of Biological Physics</i> , 2008, 34, 315-323.	1.5	14
11	BEM based solution of forward problem for brain source estimation. , 2015, , .		10
12	An Early Stage Researcher's Primer on Systems Medicine Terminology. <i>Network and Systems Medicine</i> , 2021, 4, 2-50.	2.5	9
13	Locally Linearized Runge Kutta method of Dormand and Prince. <i>Applied Mathematics and Computation</i> , 2014, 247, 589-606.	2.2	6
14	Integrated space-frequency-time domain feature extraction for MEG-based Alzheimer's disease classification. <i>Brain Informatics</i> , 2021, 8, 24.	3.0	6
15	Weighted-permutation entropy as complexity measure for electroencephalographic time series of different physiological states. , 2014, , .		5
16	Cross-Frequency Interactions During Information Flow in Complex Brain Networks Are Facilitated by Scale-Free Properties. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	5
17	Brain source localization techniques: Evaluation study using simulated EEG data. , 2014, , .		4
18	High-dimensional brain-wide functional connectivity mapping in magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108991.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Computational Neurology: Computational Modeling Approaches in Dementia. , 2021, , 81-89.		2
20	Detection of Mild Cognitive Impairment with MEG Functional Connectivity Using Wavelet-Based Neuromarkers. Sensors, 2021, 21, 6210.	3.8	2
21	Information Entropy-Based Penalty for PARAFAC Analysis of Resting EEG. , 2008, , 443-446.		1
22	A Functional MRI and Magneto/Electro Source Imaging Procedure for Cognitive and Pre-surgical Evaluation. Procedia, Social and Behavioral Sciences, 2013, 97, 12-20.	0.5	0
23	Revealing the Dynamic Relationship Between Neural Population Activities in Corticoraphe System. , 2020, , .		0
24	Penalized Regression Methods in the Source Analysis of Face Recognition. , 2008, , 621-624.		0