

Lester Melie-Garcia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/288376/publications.pdf>

Version: 2024-02-01

43
papers

3,161
citations

279798

23
h-index

330143

37
g-index

54
all docs

54
docs citations

54
times ranked

4721
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis. <i>JAMA Neurology</i> , 2022, 79, 682.	9.0	41
2	Apolipoprotein E allele 4 effects on Single-Subject Gray Matter Networks in Mild Cognitive Impairment. <i>NeuroImage: Clinical</i> , 2021, 32, 102799.	2.7	2
3	Apolipoprotein E4 effects on topological brain network organization in mild cognitive impairment. <i>Scientific Reports</i> , 2021, 11, 845.	3.3	6
4	Mapping grip force to motor networks. <i>NeuroImage</i> , 2021, 229, 117735.	4.2	6
5	Effects of eight neuropsychiatric copy number variants on human brain structure. <i>Translational Psychiatry</i> , 2021, 11, 399.	4.8	18
6	Remodeling of brain morphology in temporal lobe epilepsy. <i>Brain and Behavior</i> , 2020, 10, e01825.	2.2	3
7	General Principles of Gene Dosage Effects on Brain Structure. <i>Biological Psychiatry</i> , 2020, 87, S177.	1.3	0
8	Converging patterns of aging-associated brain volume loss and tissue microstructure differences. <i>Neurobiology of Aging</i> , 2020, 88, 108-118.	3.1	43
9	Dopaminergic modulation of motor network compensatory mechanisms in Parkinson's disease. <i>Human Brain Mapping</i> , 2019, 40, 4397-4416.	3.6	4
10	Evolution of white matter tract microstructure across the life span. <i>Human Brain Mapping</i> , 2019, 40, 2252-2268.	3.6	88
11	Spatial Resolution and Imaging Encoding fMRI Settings for Optimal Cortical and Subcortical Motor Somatotopy in the Human Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 571.	2.8	14
12	Simultaneous estimation of population receptive field and hemodynamic parameters from single point BOLD responses using Metropolis-Hastings sampling. <i>NeuroImage</i> , 2018, 172, 175-193.	4.2	12
13	Networks of myelin covariance. <i>Human Brain Mapping</i> , 2018, 39, 1532-1554.	3.6	36
14	Episodic memory in mild cognitive impairment inversely correlates with the global modularity of the cerebral blood flow network. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 73-81.	1.8	7
15	Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach. <i>NeuroImage: Clinical</i> , 2017, 15, 151-160.	2.7	8
16	[P2â€“387]: EPISODIC MEMORY IN MILD COGNITIVE IMPAIRMENT INVERSELY CORRELATES WITH THE PATIENT CONTRIBUTION TO CEREBRAL BLOOD FLOW NETWORK MODULARITY. <i>Alzheimer's and Dementia</i> , 2017, 13, P777.	0.8	0
17	Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. <i>Human Brain Mapping</i> , 2016, 37, 1801-1815.	3.6	87
18	Functional Connectivity and Quantitative EEG in Women with Alcohol Use Disorders: A Resting-State Study. <i>Brain Topography</i> , 2016, 29, 368-381.	1.8	36

#	ARTICLE	IF	CITATIONS
19	Spherical Deconvolution of Multichannel Diffusion MRI Data with Non-Gaussian Noise Models and Spatial Regularization. PLoS ONE, 2015, 10, e0138910.	2.5	27
20	Validation of Network Communicability Metrics for the Analysis of Brain Structural Networks. PLoS ONE, 2014, 9, e115503.	2.5	40
21	Repeatability Analysis of Global and Local Metrics of Brain Structural Networks. Brain Connectivity, 2014, 4, 203-220.	1.7	17
22	Studying the topological organization of the cerebral blood flow fluctuations in resting state. NeuroImage, 2013, 64, 173-184.	4.2	55
23	Glucose Metabolism during Resting State Reveals Abnormal Brain Networks Organization in the Alzheimer's Disease and Mild Cognitive Impairment. PLoS ONE, 2013, 8, e68860.	2.5	98
24	Complex Mouse Brain Anatomical Network Attributes Estimated via Diffusion- MRI Data and Graph Theory. IFMBE Proceedings, 2013, , 65-68.	0.3	0
25	Sistema para el Registro y Procesamiento en Línea del EEG Sincronizando la Presentación de Estímulos con las Variaciones de los Niveles de Energía. IFMBE Proceedings, 2013, , 1118-1121.	0.3	0
26	Covert face recognition without the fusiform-temporal pathways. NeuroImage, 2011, 57, 1162-1176.	4.2	35
27	Brain Hemispheric Structural Efficiency and Interconnectivity Rightward Asymmetry in Human and Nonhuman Primates. Cerebral Cortex, 2011, 21, 56-67.	2.9	171
28	Ragu: A Free Tool for the Analysis of EEG and MEG Event-Related Scalp Field Data Using Global Randomization Statistics. Computational Intelligence and Neuroscience, 2011, 2011, 1-14.	1.7	565
29	Multimodal Quantitative Neuroimaging Databases and Methods: The Cuban Human Brain Mapping Project. Clinical EEG and Neuroscience, 2011, 42, 149-159.	1.7	47
30	Automated Discrimination of Brain Pathological State Attending to Complex Structural Brain Network Properties: The Shiverer Mutant Mouse Case. PLoS ONE, 2011, 6, e19071.	2.5	20
31	A Method to Determine the Presence of Averaged Event-Related Fields Using Randomization Tests. Brain Topography, 2010, 23, 233-242.	1.8	174
32	Diffusion orientation transform revisited. NeuroImage, 2010, 49, 1326-1339.	4.2	29
33	Deconvolution in diffusion spectrum imaging. NeuroImage, 2010, 50, 136-149.	4.2	31
34	Surface area and cortical thickness descriptors reveal different attributes of the structural human brain networks. NeuroImage, 2010, 50, 1497-1510.	4.2	177
35	Mathematical description of q-space in spherical coordinates: Exact q-ball imaging. Magnetic Resonance in Medicine, 2009, 61, 1350-1367.	3.0	72
36	Inferring multiple maxima in intravoxel white matter fiber distribution. Magnetic Resonance in Medicine, 2008, 60, 616-630.	3.0	7

#	ARTICLE	IF	CITATIONS
37	Establishing correlations of scalp field maps with other experimental variables using covariance analysis and resampling methods. <i>Clinical Neurophysiology</i> , 2008, 119, 1262-1270.	1.5	49
38	Studying the human brain anatomical network via diffusion-weighted MRI and Graph Theory. <i>NeuroImage</i> , 2008, 40, 1064-1076.	4.2	474
39	A Bayesian framework to identify principal intravoxel diffusion profiles based on diffusion-weighted MR imaging. <i>NeuroImage</i> , 2008, 42, 750-770.	4.2	17
40	Characterizing brain anatomical connections using diffusion weighted MRI and graph theory. <i>NeuroImage</i> , 2007, 36, 645-660.	4.2	322
41	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
42	Granger Causality on Spatial Manifolds: Applications to Neuroimaging. , 0, , 461-491.		12
43	Statistical analysis of multichannel scalp field data. , 0, , 169-190.		30