

Pamela Guevara

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,636
citations

393982

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37
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67
all docs

67
docs citations

67
times ranked

2318
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning to investigate superficial white matter integrity in early multiple sclerosis. Journal of Neuroimaging, 2022, 32, 36-47.	1.0	6
2	Disentangling the variability of the superficial white matter organization using regional-tractogram-based population stratification. NeuroImage, 2022, 255, 119197.	2.1	6
3	ABrainVis: an android brain image visualization tool. BioMedical Engineering OnLine, 2021, 20, 72.	1.3	1
4	Fiber Clustering Acceleration With a Modified Kmeans++ Algorithm Using Data Parallelism. Frontiers in Neuroinformatics, 2021, 15, 727859.	1.3	7
5	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	2.1	94
6	Disruption of Conscious Access in Psychosis Is Associated with Altered Structural Brain Connectivity. Journal of Neuroscience, 2021, 41, 513-523.	1.7	22
7	Group-Wise Cortical Surface Parcellation Based on Inter-Subject Fiber Clustering. , 2021, 2021, 2655-2659.		1
8	S160. ALTERATIONS IN SHORT-RANGE STRUCTURAL CONNECTIVITY ACROSS THE PSYCHOSIS SPECTRUM: FINDINGS FROM THE B-SNIP STUDY. Schizophrenia Bulletin, 2020, 46, S97-S97.	2.3	0
9	GeoSP: A parallel method for a cortical surface parcellation based on geodesic distance. , 2020, 2020, 1696-1700.		7
10	Inter-Subject Clustering of Brain Fibers from Whole-Brain Tractography. , 2020, 2020, 1687-1691.		3
11	From Coarse to Fine-Grained Parcellation of the Cortical Surface Using a Fiber-Bundle Atlas. Frontiers in Neuroinformatics, 2020, 14, 32.	1.3	9
12	Short White Matter Tracts Myelination is Associated With Impaired Social Cognition in Autism Spectrum Disorder: A NODDI and Relaxometry Study. Biological Psychiatry, 2020, 87, S339.	0.7	0
13	Automatic group-wise whole-brain short association fiber bundle labeling based on clustering and cortical surface information. BioMedical Engineering OnLine, 2020, 19, 42.	1.3	4
14	FFClust: Fast fiber clustering for large tractography datasets for a detailed study of brain connectivity. NeuroImage, 2020, 220, 117070.	2.1	25
15	Superficial white matter: A review on the dMRI analysis methods and applications. NeuroImage, 2020, 212, 116673.	2.1	52
16	Interactive System for Language and Communication Stimulation Directed to Young Children. , 2019, , .		0
17	Cortical Surface Parcellation Based on Graph Representation of Short Fiber Bundle Connections. , 2019, , .		8
18	Parallel Optimization of Fiber Bundle Segmentation for Massive Tractography Datasets. , 2019, , .		12

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19	The effect of the number of fibers in tractography reconstruction of white matter bundles. , 2019, 2019, 2825-2829.		0
20	Increased and Decreased Superficial White Matter Structural Connectivity in Schizophrenia and Bipolar Disorder. Schizophrenia Bulletin, 2019, 45, 1367-1378.	2.3	45
21	Cortical surface parcellation based on intra-subject white matter fiber clustering. , 2019, , .		1
22	TRANSMEDIA PSYCHOEDUCATIONAL PROGRAM TO IMPROVE PHARMACOLOGICAL ADHERENCE TO ANTIHYPERTENSIVE TREATMENT AMONG ELDERLY PEOPLE. Journal of Hypertension, 2019, 37, e224-e225.	0.3	0
23	Identification of U-Bundles Based on Sulcus Morphology. Lecture Notes in Computer Science, 2019, , 3-7.	1.0	0
24	T240. Relationship Between Cognitive Performance and Superficial White Matter Integrity in the Cingulate Cortex in Schizophrenia: A DWI Study Using a Novel Atlas. Biological Psychiatry, 2018, 83, S222.	0.7	1
25	T145. ALTERATIONS IN SUPERFICIAL WHITE MATTER IN THE FRONTAL CORTEX IN SCHIZOPHRENIA: A DWI STUDY USING A NOVEL ATLAS. Schizophrenia Bulletin, 2018, 44, S172-S172.	2.3	3
26	A stringent fiber distance measure for dMRI tractography clustering and segmentation*. , 2018, 2018, 1-4.		0
27	Local structural connectivity is associated with social cognition in autism spectrum disorder. Brain, 2018, 141, 3472-3481.	3.7	62
28	242. Superficial White Matter Integrity in Autism Spectrum Disorders. Biological Psychiatry, 2017, 81, S99-S100.	0.7	2
29	Reproducibility of superficial white matter tracts using diffusion-weighted imaging tractography. NeuroImage, 2017, 147, 703-725.	2.1	111
30	Fast Automatic Segmentation of White Matter Streamlines Based on a Multi-Subject Bundle Atlas. Neuroinformatics, 2017, 15, 71-86.	1.5	36
31	Clustering of Whole-Brain White Matter Short Association Bundles Using HARDI Data. Frontiers in Neuroinformatics, 2017, 11, 73.	1.3	54
32	Shape analysis of the cingulum, uncinate and arcuate fasciculi in patients with bipolar disorder. Journal of Psychiatry and Neuroscience, 2017, 42, 27-36.	1.4	16
33	Creation of a whole brain short association bundle atlas using a hybrid approach. , 2016, 2016, 1115-1119.		3
34	Childhood trauma and the limbic network: a multimodal MRI study in patients with bipolar disorder and controls. Journal of Affective Disorders, 2016, 200, 159-164.	2.0	55
35	Short association bundle atlas based on inter-subject clustering from HARDI data. , 2016, 2016, 5545-5549.		1
36	Spatial normalization of brain images and beyond. Medical Image Analysis, 2016, 33, 127-133.	7.0	24

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37	Similar white matter but opposite grey matter changes in schizophrenia and high-functioning autism. <i>Acta Psychiatrica Scandinavica</i> , 2016, 134, 31-39.	2.2	32
38	iFiber: A brain tract visualizer for Android devices. , 2015, , .		2
39	A semi-automatic tool for the connectivity tracking of neuronal processes acquired using electron microscopy. , 2015, , .		0
40	An Example-Based Multi-Atlas Approach to Automatic Labeling of White Matter Tracts. <i>PLoS ONE</i> , 2015, 10, e0133337.	1.1	36
41	Altered structural connectivity of cortico-striato-pallido-thalamic networks in Gilles de la Tourette syndrome. <i>Brain</i> , 2015, 138, 472-482.	3.7	184
42	Automatic segmentation of short association bundles using a new multi-subject atlas of the left hemisphere fronto-parietal brain connections. , 2015, 2015, 426-9.		2
43	Automatic clustering of short association white matter fibers from HARDI tractography datasets. , 2015, , .		1
44	Organising white matter in a brain without corpus callosum fibres. <i>Cortex</i> , 2015, 63, 155-171.	1.1	46
45	Interactive segmentation of white-matter fibers using a multi-subject atlas. , 2014, 2014, 2376-9.		3
46	Using tractography to infer Basal ganglia's functional subterritories distribution change in Huntington disease. , 2014, , .		0
47	A Multicenter Tractography Study of Deep White Matter Tracts in Bipolar I Disorder. <i>JAMA Psychiatry</i> , 2014, 71, 388.	6.0	132
48	Clustering of short association white matter fibers calculated from diffusion MRI. , 2014, , .		0
49	Automatic segmentation of the short association fibers of the fronto-parietal and insula brain regions. , 2014, , .		0
50	The CONNECT project: Combining macro- and micro-structure. <i>NeuroImage</i> , 2013, 80, 273-282.	2.1	121
51	Study of the variability of short association bundles on a HARDI database. , 2013, 2013, 77-80.		5
52	GPU-Based acceleration of an automatic white matter segmentation algorithm using CUDA. , 2013, 2013, 89-92.		2
53	Mapping Cortico-Striatal Connectivity onto the Cortical Surface: A New Tractography-Based Approach to Study Huntington Disease. <i>PLoS ONE</i> , 2013, 8, e53135.	1.1	23
54	Automatic fiber bundle segmentation in massive tractography datasets using a multi-subject bundle atlas. <i>NeuroImage</i> , 2012, 61, 1083-1099.	2.1	165

#	ARTICLE	IF	CITATIONS
55	Joint T1 and Brain Fiber Log-Demons Registration Using Currents to Model Geometry. Lecture Notes in Computer Science, 2012, 15, 57-65.	1.0	13
56	Robust clustering of massive tractography datasets. NeuroImage, 2011, 54, 1975-1993.	2.1	126
57	Segmentation of Short Association Bundles in Massive Tractography Datasets Using a Multi-subject Bundle Atlas. Lecture Notes in Computer Science, 2011, , 701-708.	1.0	2
58	Joint T1 and Brain Fiber Diffeomorphic Registration Using the Demons. Lecture Notes in Computer Science, 2011, , 10-18.	1.0	3
59	Analysis of the Striato-Thalamo-Cortical Connectivity on the Cortical Surface to Infer Biomarkers of Huntington's Disease. Lecture Notes in Computer Science, 2010, 13, 217-224.	1.0	6
60	Inference of a HARDI Fiber Bundle Atlas Using a Two-Level Clustering Strategy. Lecture Notes in Computer Science, 2010, 13, 550-557.	1.0	6
61	Inter-subject Connectivity-Based Parcellation of a Patch of Cerebral Cortex. Lecture Notes in Computer Science, 2010, 13, 347-354.	1.0	20
62	Tractography-Based Parcellation of the Cortex Using a Spatially-Informed Dimension Reduction of the Connectivity Matrix. Lecture Notes in Computer Science, 2009, 12, 935-942.	1.0	21
63	Connectivity-based parcellation of the cortical surface using q-ball imaging. , 2008, , .		4