

# Yasser AlemÄn-GÄ³mez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

589  
citations

840776

11  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tract-specific damage at spinal cord level in pure hereditary spastic paraplegia type 4: a diffusion tensor imaging study. <i>Journal of Neurology</i> , 2022, 269, 3189-3203.	3.6	2
2	Depthgram: Visualizing outliers in high-dimensional functional data with application to fMRI data exploration. <i>Statistics in Medicine</i> , 2022, 41, 2005-2024.	1.6	5
3	Through-Plane Super-Resolution With Autoencoders in Diffusion Magnetic Resonance Imaging of the Developing Human Brain. <i>Frontiers in Neurology</i> , 2022, 13, 827816.	2.4	2
4	A Fetal Brain magnetic resonance Acquisition Numerical phantom (FaBiAN). <i>Scientific Reports</i> , 2022, 12, .	3.3	4
5	Connectome Mapper 3: A Flexible and Open-Source Pipeline Software for Multiscale Multimodal Human Connectome Mapping. <i>Journal of Open Source Software</i> , 2022, 7, 4248.	4.6	11
6	Thalamic atrophy in patients with pure hereditary spastic paraplegia type 4. <i>Journal of Neurology</i> , 2021, 268, 2429-2440.	3.6	5
7	White Matter Alterations Between Brain Network Hubs Underlie Processing Speed Impairment in Patients With Schizophrenia. <i>Schizophrenia Bulletin Open</i> , 2021, 2, sgab033.	1.7	5
8	Simulated Half-Fourier Acquisitions Single-shot Turbo Spin Echo (HASTE) of the Fetal Brain: Application to Super-Resolution Reconstruction. <i>Lecture Notes in Computer Science</i> , 2021, , 157-167.	1.3	0
9	Contributions of left and right anterior temporal lobes to semantic cognition: Evidence from patients with small temporopolar lesions. <i>Neuropsychologia</i> , 2021, 152, 107738.	1.6	2
10	Corticospinal tract and motor cortex degeneration in pure hereditary spastic paraparesis type 4 (SPG4). <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, , 1-10.	1.7	5
11	Quantitative Evaluation of Enhanced Multi-plane Clinical Fetal Diffusion MRI with a Crossing-Fiber Phantom. <i>Lecture Notes in Computer Science</i> , 2021, , 12-22.	1.3	2
12	Morphometric correlates of anomia in patients with small left temporopolar lesions. <i>Journal of Neuropsychology</i> , 2020, 14, 260-282.	1.4	3
13	Geometric renormalization unravels self-similarity of the multiscale human connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20244-20253.	7.1	43
14	Partial-volume modeling reveals reduced gray matter in specific thalamic nuclei early in the time course of psychosis and chronic schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 4041-4061.	3.6	18
15	An Anatomically-Informed 3D CNN for Brain Aneurysm Classification with Weak Labels. <i>Lecture Notes in Computer Science</i> , 2020, , 56-66.	1.3	1
16	N-Acetyl-Cysteine Supplementation Improves Functional Connectivity Within the Cingulate Cortex in Early Psychosis: A Pilot Study. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 478-487.	2.1	25
17	Pregnancy and adolescence entail similar neuroanatomical adaptations: A comparative analysis of cerebral morphometric changes. <i>Human Brain Mapping</i> , 2019, 40, 2143-2152.	3.6	60
18	Sparse wars: A survey and comparative study of spherical deconvolution algorithms for diffusion MRI. <i>NeuroImage</i> , 2019, 184, 140-160.	4.2	29

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19	Neuroanatomical deficits shared by youth with autism spectrum disorders and psychotic disorders. Human Brain Mapping, 2019, 40, 1643-1653.	3.6	11
20	In-vivo probabilistic atlas of human thalamic nuclei based on diffusion- weighted magnetic resonance imaging. Scientific Data, 2018, 5, 180270.	5.3	67
21	Individual differences in the dominance of interhemispheric connections predict cognitive ability beyond sex and brain size. Neurolmage, 2017, 155, 234-244.	4.2	62
22	Cortical morphology of adolescents with bipolar disorder and with schizophrenia. Schizophrenia Research, 2014, 158, 91-99.	2.0	65
23	The Human Cerebral Cortex Flattens during Adolescence. Journal of Neuroscience, 2013, 33, 15004-15010.	3.6	108
24	Regional specificity of thalamic volume deficits in male adolescents with early-onset psychosis. British Journal of Psychiatry, 2012, 200, 30-36.	2.8	23
25	Deconvolution in diffusion spectrum imaging. Neurolmage, 2010, 50, 136-149.	4.2	31