Elda Fischi-Gomez

List of Publications by Year
in descending order

16 papers	1,002 citations	759233 12 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	2084 citing authors

#	Article	IF	Citations
1	Limits to anatomical accuracy of diffusion tractography using modern approaches. NeuroImage, 2019, 185, 1-11.	4.2	200
2	Structural Brain Connectivity in School-Age Preterm Infants Provides Evidence for Impaired Networks Relevant for Higher Order Cognitive Skills and Social Cognition. Cerebral Cortex, 2015, 25, 2793-2805.	2.9	169
3	The CONNECT project: Combining macro- and micro-structure. NeuroImage, 2013, 80, 273-282.	4.2	121
4	Quantitative and Qualitative Analysis of Transient Fetal Compartments during Prenatal Human Brain Development. Frontiers in Neuroanatomy, 2016, 10, 11.	1.7	97
5	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. NeuroImage, 2021, 243, 118502.	4.2	94
6	Evaluation of automatic neonatal brain segmentation algorithms: The NeoBrainS12 challenge. Medical Image Analysis, 2015, 20, 135-151.	11.6	85
7	Comparing connectomes across subjects and populations at different scales. NeuroImage, 2013, 80, 416-425.	4.2	65
8	Brain network characterization of high-risk preterm-born school-age children. NeuroImage: Clinical, 2016, 11, 195-209.	2.7	55
9	Structural Brain Network Reorganization and Social Cognition Related to Adverse Perinatal Condition from Infancy to Early Adolescence. Frontiers in Neuroscience, 2016, 10, 560.	2.8	32
10	Model-informed machine learning for multi-component<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mi>T</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>relaxometry. Medical Image Analysis, 2021, 69, 101940.	11.6	26
11	Multimodality evaluation of the pediatric brain: DTI and its competitors. Pediatric Radiology, 2013, 43, 60-68.	2.0	23
12	Personalized pathology maps to quantify diffuse and focal brain damage. NeuroImage: Clinical, 2019, 21, 101607.	2.7	14
13	Ultrahigh field in vivo characterization of microstructural abnormalities in the orbitofrontal cortex and amygdala in autism. European Journal of Neuroscience, 2021, 54, 6229-6236.	2.6	4
14	Evaluating reproducibility and subject-specificity of microstructure-informed connectivity. NeuroImage, 2022, 258, 119356.	4.2	4
15	Multi-Compartment Diffusion Mri, T2 Relaxometry And Myelin Water Imaging As Neuroimaging Descriptors For Anomalous Tissue Detection. , 2021, , .		2
16	Brain network analyses in clinical neuroscience. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 0, , .	0.1	1