

Nicolas Guizard

List of Publications by Year in descending order

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13
papers

1,741
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2991
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Volume and Metabolism in Fetuses With Congenital Heart Disease. <i>Circulation</i> , 2010, 121, 26-33.	1.6	535
2	BEaST: Brain extraction based on nonlocal segmentation technique. <i>NeuroImage</i> , 2012, 59, 2362-2373.	4.2	507
3	Structural plasticity of the social brain: Differential change after socio-affective and cognitive mental training. <i>Science Advances</i> , 2017, 3, e1700489.	10.3	184
4	Cerebellar Injury in the Premature Infant Is Associated With Impaired Growth of Specific Cerebral Regions. <i>Pediatric Research</i> , 2010, 68, 145-150.	2.3	102
5	Regional Cerebellar Volumes Predict Functional Outcome in Children with Cerebellar Malformations. <i>Cerebellum</i> , 2012, 11, 531-542.	2.5	91
6	Jacobian integration method increases the statistical power to measure gray matter atrophy in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2014, 4, 10-17.	2.7	73
7	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015, 123, 149-164.	4.2	63
8	Automated segmentation of basal ganglia and deep brain structures in MRI of Parkinson's disease. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2013, 8, 99-110.	2.8	57
9	Rotation-invariant multi-contrast non-local means for MS lesion segmentation. <i>NeuroImage: Clinical</i> , 2015, 8, 376-389.	2.7	56
10	Investigation of morphometric variability of subthalamic nucleus, red nucleus, and substantia nigra in advanced Parkinson's disease patients using automatic segmentation and PCA-based analysis. <i>Human Brain Mapping</i> , 2014, 35, 4330-4344.	3.6	41
11	Cerebellar malformations alter regional cerebral development. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 1128-1134.	2.1	20
12	Spatio-Temporal Regularization for Longitudinal Registration to Subject-Specific 3d Template. <i>PLoS ONE</i> , 2015, 10, e0133352.	2.5	9
13	Mo1679 REAL-TIME ARTIFICIAL INTELLIGENCE "FULL COLONOSCOPY WORKFLOW" FOR AUTOMATIC DETECTION FOLLOWED BY OPTICAL BIOPSY OF COLORECTAL POLYPS. <i>Gastrointestinal Endoscopy</i> , 2018, 87, AB475.	1.0	3