Fenqiang Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6632126/publications.pdf

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		1307594	996975
19	249	7	15
papers	citations	h-index	g-index

20	20	20	222
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CATARACTS: Challenge on automatic tool annotation for cataRACT surgery. Medical Image Analysis, 2019, 52, 24-41.	11.6	58
2	Harmonization of Infant Cortical Thickness Using Surface-to-Surface Cycle-Consistent Adversarial Networks. Lecture Notes in Computer Science, 2019, 11767, 475-483.	1.3	39
3	Spherical U-Net on Cortical Surfaces: Methods and Applications. Lecture Notes in Computer Science, 2019, 11492, 855-866.	1.3	37
4	Spherical Deformable U-Net: Application to Cortical Surface Parcellation and Development Prediction. IEEE Transactions on Medical Imaging, 2021, 40, 1217-1228.	8.9	33
5	S3Reg: Superfast Spherical Surface Registration Based on Deep Learning. IEEE Transactions on Medical Imaging, 2021, 40, 1964-1976.	8.9	17
6	DIKA-Nets: Domain-invariant knowledge-guided attention networks for brain skull stripping of early developing macaques. NeuroImage, 2021, 227, 117649.	4.2	14
7	A 4D infant brain volumetric atlas based on the UNC/UMN baby connectome project (BCP) cohort. NeuroImage, 2022, 253, 119097.	4.2	13
8	Spherical U-Net For Infant Cortical Surface Parcellation. , 2019, 2019, 1882-1886.		5
9	A Deep Network for Joint Registration and Parcellation of Cortical Surfaces. Lecture Notes in Computer Science, 2021, , 171-181.	1.3	5
10	Deep learning in cortical surface-based neuroimage analysis: a systematic review. Intelligent Medicine, 2023, 3, 46-58.	3.1	5
11	Intrinsic Patch-Based Cortical Anatomical Parcellation Using Graph Convolutional Neural Network on Surface Manifold. Lecture Notes in Computer Science, 2019, 11766, 492-500.	1.3	4
12	Anatomy-Guided Convolutional Neural Network for Motion Correction in Fetal Brain MRI. Lecture Notes in Computer Science, 2020, 12436, 384-393.	1.3	4
13	Longitudinal brain atlases of early developing cynomolgus macaques from birth to 48 months of age. NeuroImage, 2022, 247, 118799.	4.2	4
14	Learning Spatiotemporal Probabilistic Atlas of Fetal Brains with Anatomically Constrained Registration Network. Lecture Notes in Computer Science, 2021, 12907, 239-248.	1.3	3
15	Construction of Longitudinally Consistent 4D Infant Cerebellum Atlases Based onÂDeep Learning. Lecture Notes in Computer Science, 2021, 12904, 139-149.	1.3	2
16	Unsupervised Learning for Spherical Surface Registration. Lecture Notes in Computer Science, 2020, 12436, 373-383.	1.3	2
17	Spherical Transformer for Quality Assessment of Pediatric Cortical Surfaces. , 2022, 2022, .		2
18	Rapid and Extreme Low-light Superresolution Imaging via Artificial Intelligence. Biophysical Journal, 2020, 118, 167a.	0.5	0

#	Article	IF	Citations
19	Surface-based analysis of the developing cerebral cortex. Advances in Magnetic Resonance Technology and Applications, 2021, , 287-307.	0.1	0