

Zach Eaton-Rosen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11291215/publications.pdf>

Version: 2024-02-01

11
papers

611
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	NiftyNet: a deep-learning platform for medical imaging. Computer Methods and Programs in Biomedicine, 2018, 158, 113-122.	4.7	407
2	Longitudinal measurement of the developing grey matter in preterm subjects using multi-modal MRI. NeuroImage, 2015, 111, 580-589.	4.2	68
3	Towards Safe Deep Learning: Accurately Quantifying Biomarker Uncertainty in Neural Network Predictions. Lecture Notes in Computer Science, 2018, , 691-699.	1.3	32
4	Longitudinal development in the preterm thalamus and posterior white matter: MRI correlations between diffusion weighted imaging and T2 relaxometry. Human Brain Mapping, 2016, 37, 2479-2492.	3.6	27
5	Uncertainty in Multitask Learning: Joint Representations for Probabilistic MR-only Radiotherapy Planning. Lecture Notes in Computer Science, 2018, , 3-11.	1.3	25
6	Investigating the maturation of microstructure and radial orientation in the preterm human cortex with diffusion MRI. NeuroImage, 2017, 162, 65-72.	4.2	23
7	Measurement of Myelin in the Preterm Brain: Multi-compartment Diffusion Imaging and Multi-component T2 Relaxometry. Lecture Notes in Computer Science, 2013, 16, 336-344.	1.3	12
8	Multi-modal Measurement of the Myelin-to-Axon Diameter g-ratio in Preterm-born Neonates and Adult Controls. Lecture Notes in Computer Science, 2014, 17, 268-275.	1.3	10
9	As Easy as 1, 2...4? Uncertainty in Counting Tasks for Medical Imaging. Lecture Notes in Computer Science, 2019, 2019, 356-364.	1.3	5
10	Fitting parametric models of diffusion MRI in regions of partial volume. , 2016, , .		1
11	Measuring Cortical Neurite-Dispersion and Perfusion in Preterm-Born Adolescents Using Multi-modal MRI. Lecture Notes in Computer Science, 2015, , 72-79.	1.3	1