Zach Eaton-Rosen

List of Publications by Year
in descending order

11	611	1163117	1372567
papers	citations	8	10
		h-index	g-index

11	11	11	1318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	NiftyNet: a deep-learning platform for medical imaging. Computer Methods and Programs in Biomedicine, 2018, 158, 113-122.	4.7	407
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	Uncertainty in Multitask Learning: Joint Representations for Probabilistic MR-only Radiotherapy Planning. Lecture Notes in Computer Science, 2018, , 3-11.	1.3	25
5	Investigating the maturation of microstructure and radial orientation in the preterm human cortex with diffusion MRI. NeuroImage, 2017, 162, 65-72.	4.2	23
6	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
7	Fitting parametric models of diffusion MRI in regions of partial volume. , 2016, , .		1
8	Longitudinal measurement of the developing grey matter in preterm subjects using multi-modal MRI. NeuroImage, 2015, 111, 580-589.	4.2	68
9	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
10	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
11	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