## Mustafa Okan Irfanoglu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1605460/publications.pdf Version: 2024-02-01

		687363	752698
21	1,931	13	20
papers	citations	h-index	g-index
23	23	23	2932
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	What's new and what's next in diffusion MRI preprocessing. NeuroImage, 2022, 249, 118830.	4.2	43
2	Improved reproducibility of diffusion MRI of the human brain with a fourâ€way blipâ€up and down phaseâ€encoding acquisition approach. Magnetic Resonance in Medicine, 2021, 85, 2696-2708.	3.0	5
3	Mapping gradient nonlinearity and miscalibration using diffusionâ€weighted MR images of a uniform isotropic phantom. Magnetic Resonance in Medicine, 2021, 86, 3259-3273.	3.0	8
4	Hypoplasia of cerebellar afferent networks in Down syndrome revealed by DTI-driven tensor based morphometry. Scientific Reports, 2020, 10, 5447.	3.3	13
5	Evaluating corrections for Eddyâ€currents and other EPI distortions in diffusion MRI: methodology and a dataset for benchmarking. Magnetic Resonance in Medicine, 2019, 81, 2774-2787.	3.0	31
6	Limits to anatomical accuracy of diffusion tractography using modern approaches. NeuroImage, 2019, 185, 1-11.	4.2	200
7	Tensorâ€based morphometry using scalar and directional information of diffusion tensor MRI data (DTBM): Application to hereditary spastic paraplegia. Human Brain Mapping, 2018, 39, 4643-4651.	3.6	12
8	Analysis of the effects of noise, DWI sampling, and value of assumed parameters in diffusion MRI models. Magnetic Resonance in Medicine, 2017, 78, 1767-1780.	3.0	63
9	Harmonization of methods to facilitate reproducibility in medical data processing: Applications to diffusion tensor magnetic resonance imaging. , 2016, , .		6
10	DR-TAMAS: Diffeomorphic Registration for Tensor Accurate Alignment of Anatomical Structures. NeuroImage, 2016, 132, 439-454.	4.2	55
11	The diffusion tensor imaging (DTI) component of the NIH MRI study of normal brain development (PedsDTI). Neurolmage, 2016, 124, 1125-1130.	4.2	32
12	Tract Orientation and Angular Dispersion Deviation Indicator (TOADDI): A framework for single-subject analysis in diffusion tensor imaging. NeuroImage, 2016, 126, 151-163.	4.2	3
13	Clinical feasibility of using mean apparent propagator (MAP) MRI to characterize brain tissue microstructure. NeuroImage, 2016, 127, 422-434.	4.2	101
14	Analysis of the contribution of experimental bias, experimental noise, and inter-subject biological variability on the assessment of developmental trajectories in diffusion MRI studies of the brain. NeuroImage, 2015, 109, 480-492.	4.2	16
15	DR-BUDDI (Diffeomorphic Registration for Blip-Up blip-Down Diffusion Imaging) method for correcting echo planar imaging distortions. NeuroImage, 2015, 106, 284-299.	4.2	144
16	Anatomical accuracy of brain connections derived from diffusion MRI tractography is inherently limited. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16574-16579.	7.1	657
17	DR-BUDDI: Diffeomorphic Registration for Blip Up-Down Diffusion Imaging. Lecture Notes in Computer Science, 2014, 17, 218-226.	1.3	9
18	Mean apparent propagator (MAP) MRI: A novel diffusion imaging method for mapping tissue microstructure. Neurolmage, 2013, 78, 16-32.	4.2	320

#	Article	IF	CITATIONS
19	Effects of image distortions originating from susceptibility variations and concomitant fields on diffusion MRI tractography results. NeuroImage, 2012, 61, 275-288.	4.2	195
20	Diffusion Tensor Field Registration in the Presence of Uncertainty. Lecture Notes in Computer Science, 2009, 12, 181-189.	1.3	3
21	Automatic Deformable Diffusion Tensor Registration for Fiber Population Analysis. Lecture Notes in Computer Science, 2008, 11, 1014-1022.	1.3	13